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CAPE ASTROGRAPHIC ZONES.

VOL. VI.

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CATALOGUE OF RECTANGULAR CO-ORDINATES AND DIAMETERS OF STAR IMAGES

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FORMERLY H.M. ASTRONOMER AT THE CAPE.

COMPLETED AND PREPARED FOR PRESS UNDER THE SUPERVISION OF

S. S. HOUGH, M.A., F.R.S.,

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INTRODUCTION

TO

VOL. VI.

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§ I.—GENERAL.

A general description of the work pertaining to the Cape zones of the " Carte du Ciel " Catalogue is contained in the Introduction to Vol. I. of this series.

The present volume contains the results of measures derived from plates having their centres on the declination circle −46°, which have been treated in all respects in a similar manner to those dealt with in the previous volumes.

For fuller detail, reference may be made to this general description, only such parts being repeated here as require modification for each particular zone, or which are considered essential in explanation of the contents of the volume.

§ II.—INSTRUMENTAL ADJUSTMENTS, Etc.

(*a*) The Photographic Telescope.

A description of the photographic refractor is given at p. 120 of the *History and Description of the Cape Observatory*, and it will be sufficient here to state the following details :—

The equatorial mounting is of the German type, carrying two parallel telescopes securely braced together by rigid cast iron flanges near their ends.

The main photographic telescope is of 13 inches aperture and $11\frac{1}{4}$ feet focal length, giving pictures very approximately on a scale of 1′ of arc to a millimetre.

The breech piece of the telescope carries the plate holder mounted in such a manner that the latter can be easily removed and quickly replaced so as to return accurately to the same position. The photographic plate in its turn is held in this holder with spring pressure against six bearing points, three of which serve to define its plane, and the remaining three its position and orientation in that plane.

A second plate carrier, with bearing points in exactly similar positions in relation to the plate, is used for impressing on the plate the réseau used for purposes of measurement. Thus the intersection of the central réseau lines should define a point which is " fixed " in relation to the breech end of the telescope.

By removing the plate carrier and replacing it by a small aperture coinciding with this fixed position, the object glass, as a whole, was centred on this small aperture in the usual manner.

To adjust the plate perpendicular to the optical axis, the plate was replaced in its carrier by a plane mirror on which this centre was duly marked by removal of a small circular patch of the silvering. A small glow lamp was placed in a central position outside the object glass and its reflected image in this mirror viewed through the objective. The tilt of the mirror was then regulated by the available adjusting screws until the lamp, its image, and the centre mark on the mirror were in alignment.

The mounting of the breech end permits of a small rotation of the plate holder, by which the central réseau lines may be accurately adjusted respectively along, and perpendicular to, an hour circle. This adjustment can be tested by allowing a star image to trail across the sensitive plate with the driving clock stopped and measuring the distance of the impressed trail from an adjacent réseau line at two points symmetrically situated near opposite edges of the plate.

These adjustments, when once made, were found to possess all necessary stability, and have been occasionally verified when it has been necessary to dismount the object glass for cleaning, or otherwise displace any of the essential working parts.

The focal adjustment was selected so as to give the sharpest definition for stars at about 40 mm. distance from the centre of the plate, and was found to remain sufficiently permanent. The readings of the focussing scale (divided in millimetres) have, however, been slightly varied from time to time as follows :—

			mm.
1897 November	4.	Focus set at	21·5
1898 September	26.	„ altered to	21·0
1899 November	7.	„ „ „	22·0
1902 February	14.	„ „ „	21·0
1905 June	23.	„ „ „	21·5
1906 September	5.	„ set at	22·0
1910 February	3.	„ altered to	21·5

(*b*) The Guiding Telescope.

The second or guiding telescope is of 10 inches aperture and the same focal length as the photographic telescope. Its breech end carries an eye-piece mounted on two slides at right angles to the axis of the telescope and to one another, so as

to extend the field of view accessible at any one setting of the instrument. These slides are adjusted respectively parallel and perpendicular to an hour circle. The centre of the field of view of the eye-piece is defined by cross spider webs mounted on a frame which travels with the eye-piece, while its position in relation to the field of the objective is ascertained by means of two verniers travelling with the eye-piece and reading against fixed scales divided in millimetres.

The readings on these scales, which correspond with the centre of the field of the telescope, are found to be subject to slight fluctuations though stationary over short intervals. They are accordingly ascertained from time to time by direct experiment. The scales are set to a reading at or near the estimated centre and the guiding telescope is then directed to a bright star, which is placed accurately at the intersection of the cross webs by means of the equatorial movements of the whole apparatus. A plate is then exposed in the photographic telescope and impressed with a réseau in the usual manner. If the scale readings have been correctly selected the image of the star should appear at the intersection of the central réseau lines. Its displacements from this position measured in millimetres in two directions at right angles, corresponding with the directions of the two eye-piece slides, determine the amounts by which the estimated readings require to be corrected.

In photographing any field, a suitable star within the field and not too far from the centre is selected, and its rectangular co-ordinates in millimetres in relation to the desired centre on an ideally adjusted plate are computed. The eye-piece is then displaced from its central position by amounts, measured on the eye-piece scales, which correspond with these rectangular co-ordinates, and previous to exposure of the plate the guiding telescope is directed so as to place the image of the guiding star in coincidence with the intersection of the cross webs.

This coincidence is maintained during exposure either by the clock movement or, if necessary, by slight hand corrections by means of a slow motion screw in declination and a differential gearing operating in the clock movement in right ascension.

(*c*) The Réseau.

The réseau consists of a sheet of silvered plate glass, of the same surface dimensions as the plates in use, on which two series of fine equi-spaced parallel lines have been engraved in a dividing engine, so as to remove the silvering along these lines. The two series of lines are respectively at right angles, and the lines of each series are spaced at intervals of 5 mm.

A photographic copy of the réseau is impressed on each plate by placing the plate in a special carrier, so that its sensitive surface is almost in contact with that

of the silvered surface of the réseau. The light from a small electric lamp, after being rendered parallel by passage through an object glass of 9 inches aperture, is then made to fall on the réseau and through the ruled apertures on to the sensitive film below.

The practice has been throughout to imprint the réseau either immediately before or immediately after exposing the plate in the main telescope.

In connection with the present programme, four different réseaux have been used, viz. :—

Gautier No. 51 from 1897 December 7 to 1899 July 11.
„ „ ? „ 1899 July 12 to 1901 October 30.
„ „ 61 „ 1901 October 30 to 1902 June 11.
„ „ 50 „ 1902 June 12 till completion of work.

These réseaux are referred to hereafter as G 51, Gx, G 61, G 50, the distinguishing number originally engraved on the second of them having been obliterated before use.

The division errors of the scales of these réseaux have not been subjected to direct investigation. A careful investigation of the réseau G 8*, which is similarly ruled by the same maker and probably in the same dividing engine, indicated that a very high degree of precision could be expected in the ruling, while the indirect tests furnished by the agreement of the results derived from different plates which overlap in a complex manner have confirmed this sufficiently satisfactory result.

(*d*) The Plates.

Except during the interval 1903 July 8 to 1904 July 20, the plates in use have been the " Ilford Special Rapid " with three exposures of durations 6 m., 3 m., and 20 secs., the guiding telescope being displaced by 1mm. to the North between exposures. Between the dates above mentioned " Ilford Monarch " plates were used and the exposures reduced by one-half. A return was, however, made to the Special Rapid plates on account of their finer grain.

The developer employed was Eikonogen-Hydroquinone previous to May 1901, and subsequently Amidol.

(*e*) The Measuring Apparatus.

The apparatus in use for measuring the plates has been described in detail in *Monthly Notices*, vol. lix., pp. 61–72. Two such instruments, distinguished hereafter as Micrometer I. and Micrometer II., have been employed.

The pairs of close webs which form the outer square are mounted on fixed frames, and the two further sets of close parallel webs on sliding frames, whose

* Gill and Jacoby, *Acta Societatis Scientiarum Fennicae*, xxiii, No. 5.

positions are governed by two micrometer screws, permitting motion of these sets of webs bodily in a direction perpendicular to their length.

The reticule admits of adjustments to ensure—

(1) that the opposite sides of the outer square shall be rendered strictly parallel and at a distance apart corresponding to the space traversed by either set of moving webs in 10 revolutions of the micrometer screw ;

(2) that the adjacent sides of the square shall be strictly perpendicular ;

(3) that the moving webs shall be strictly parallel to the corresponding sides of the square ;

(4) that the zero reading of the screws shall correspond exactly with 0 rev. or 10 rev. when the moving webs are brought into symmetrical coincidence with one or other of the sides of the fixed square.

The photographic plate is mounted on a stage beneath the microscope, which is carried on two slides at right angles to one another, so that any portion of the plate may be brought within the field of view of the microscope.

By sliding the microscope bodily in the direction of its axis, the focus may be adjusted so that the image of the plate is in the same plane as the reticule, and, by a similar motion of the objective alone, the scale of the image may be adjusted so that the distance between adjacent réseau lines corresponds with the length of the side of the outer square.

Further, the plate may be rotated in its carriage and the microscope rotated about its axis until both the réseau lines and the webs are parallel to the slides on which the plate carrier is mounted.

Thus a square of the réseau may be adjusted to coincidence with the outer square of fixed webs, while the two sets of moving webs are made to intersect symmetrically on a star image.

The readings of the micrometer screws then represent the rectangular co-ordinates of this star image expressed in screw revolutions, or tenths of a réseau interval, as unit, and referred to the sides of the fixed square which correspond with the readings 0 rev. as axes.

Except when the instruments have been dismantled for cleaning, their adjustments have remained remarkably steady and, with the exception of an occasional adjustment of the zero reading of the micrometer screws, when once made they could in general be left for months on end without further attention.

The change in zero reading, necessitating constant readjustment, was particularly noticeable in relation to the vertical screw of Micrometer II about the middle of the year 1907. The slightly rounded conical point of the screw bears

with spring pressure against an agate plane. The tracing of a similar defect in another micrometer of like construction led to an examination of this end bearing in October 1907, when it was found that the jewel was split and that the sharp edges of the crack were exerting a grinding action on the point of the screw, giving rise to rapid wear. The end bearing was replaced temporarily by a hard steel disc and later, in July 1908, the jewel was renewed.

(*f*) Errors of the Micrometer Screws.

An investigation of the errors of the micrometer screws is contained in Vol. I. It is there shown that, though the errors due to wear are considerable, their resultant effect on the mean of readings made in opposite orientations of the plate is negligible. Accordingly no corrections on this account have been applied to the observations.

§ III.—THE MEASUREMENT OF THE PLATES.

The plates before being passed for measurement were examined to ensure—

(1) that the photographic images were sufficiently sharp and round. Plates with markedly diffuse images, due to unfavourable atmospheric conditions, or with elongated images due to faulty guiding, were rejected ;

(2) that the region had been correctly identified. This was effected by a comparison of a few of the brighter stars with positions as catalogued in the C.P.D. ;

(3) that the guiding star appeared in its correct position with an error not exceeding $0'\cdot5$ in either co-ordinate ;

(4) that the réseau had been duly impressed with suitable intensity ;

(5) that there was a sufficiency of stars shown on the plate. As a rough test C.P.D. stars of mag. 9·0 should be shown by the third or 20 sec. exposure. In the revised series of plates the sufficiency of exposure was, however, frequently gauged by a comparison with the earlier series, taken on the same area, referred either to the same or to an adjacent centre ;

(6) that there were no other defects either of film or treatment, etc., which called for repetition of the plate.

The next operation was to mark with an ink mark on the back of the plate the stars which had been selected as standards. These stars were selected from the original series of plates and were designed to give an average of about ten stars

on each plate, distributed as uniformly as possible over the area of the plate, and of such magnitude as to give well-defined sharp images on the plates, while at the same time they should be not too faint for accurate observation with the meridian circle. The selected stars are those contained in the *Cape Catalogue of* 8560 *Astrographic Standard Stars for the Equinox* 1900.

The plate was then placed in the measuring machine, first with the edge marked " A " on the réseau at the top, or in a position corresponding with the " black scales." This implies that the numbering of the lines of the réseau square brought into the field of view could be read off by means of the black figures engraved on the indicating scales. The small indices reading against these scales admit of slight adjustment to adapt them to the particular setting of the plate, and the only further adjustment usually necessary is that for the orientation of the plate, in order to render the réseau lines strictly parallel to the slides on which the plate carrier moves, and to the fixed spider webs in the field of the microscope.

Two observers now take part in the work, one handling the instrument and the other acting as recorder, the observers alternately relieving one another.

The observer at the instrument starts with the row of squares contained between the lines numbered 55, 54 and sweeps these under the microscope in order, proceeding in the direction from 2 to 26 in the horizontal scale. When a square is reached containing images of one or more stars, this square is brought into exact coincidence or symmetry with the square of " fixed " webs contained in the field of view of the measuring microscope by means of the coarse motions governing the motion of the plate, and subsequently by means of the fine motions operating on the micrometer box. As a rule only the images resulting from the longest exposure (6^m) were measured. Exception was made in cases where this image was disfigured by a flaw on the plate or otherwise ; in this case the second image was measured, and a reduction derived from comparison with neighbouring stars applied to reduce to the first-image system.

After adjusting the square the observer at the instrument reads off the numbers of the réseau lines of the square pointed on, *e.g.*,

54–55, 7–8,

and these are duly entered on a form by the recorder.

The observer then points the movable webs in turn on the image of each star contained within the square, proceeding in order from left to right in the field of view.

After each setting, the two micrometers are read by the observer, and an estimate of the diameter of the star-image is made. For the brighter stars this estimate is expressed in terms of the space between the close sets of parallel webs

contained in the micrometer as unit, and this forms a convenient means of discriminating the stars' magnitudes, but the method is not equally satisfactory for the fainter stars. Below a certain degree of brightness which yields a diameter corresponding with about ·6 of the unit involved, all stars give images of sensibly equal dimensions, but showing marked contrast in the degree of intensity. For such stars an estimate of the intensity of the image is recorded instead of a measurement of the diameter. Five different degrees of density have been recognised, and these have been indicated by the numbers —1, —2, —3, —4, —5. —1 indicates that the star image only just fails to attain the full density of the images of the brighter stars on the plate, and —5 refers to the faintest stars whose second images are distinctly visible.

The readings of the micrometers and the diameter are read out by the observer and duly entered by the recorder. Whenever a " standard " star is reached the observer and recorder temporarily change places, and measurements are made by both of them.

On completion of the row 54–55, the observer proceeds in like manner to sweep along the row 53–54 in similar order, viz., from 2 to 26 on the horizontal scale.

The same series of operations is continued until the whole plate has been covered, the two observers, however, changing places occasionally, but always, except temporarily for the standard stars, on the completion of a row.

The plate is then reversed in its carrier through 180° in orientation, *i.e.* set up in a convenient position for " red scale " readings. This implies that the numberings attached to the réseau lines now correspond with the red instead of the black figures on the indicating scales, and a new adjustment of the pointers and of the orientation of the plate is necessary.

The whole process of measurement is then repeated in the same order as before, but, of course, with reversed directions of motion, each observer measuring the same star images as before in the reversed position. The results of this second measurement are entered in convenient spaces in the recording form adjacent to those derived from the previous measurement.

It is evident that, since the sides of the squares are set to correspond with 0 rev. and 10 rev. of the micrometer screws, the sum of the readings taken in the two positions of the plate should, apart from errors of measurement, amount to exactly 10 revs. Whenever this sum in the first instance differed from 10 revs. by more than $0^{r}\cdot020$ ($=0''\cdot6$) the measures have been subjected to further examination, and, if no fault was immediately traceable, they have been discarded and the measures both in the " black scale " and the " red scale " positions repeated.

§ IV.—PRELIMINARY REDUCTION OF RECTANGULAR CO-ORDINATES.

The rectangular co-ordinates of each star image, referred to the central réseau lines as axes, may now be derived by a combination of the réseau readings with the micrometer equivalents, each being expressed in similar units. The unit at first adopted is the millimetre on the plate.

Denoting by R_1, R'_1, the micrometer readings, expressed in screw revolutions, for the two co-ordinates of a star at its first measurement and by R_2, R'_2, similar readings at the second measurement in the opposite orientation, we have

$$R_1+R_2=10^{\text{rev.}}-\theta \qquad\qquad R'_1+R'_2=10^{\text{rev.}}-\theta'$$

where θ, θ' are small quantities not exceeding $0^r\cdot020$. If we refer the second measurements to the same origin as the first by subtracting each from 10 rev., we obtain as the equivalents of the readings R_1, R'_1 resulting from the second set of measures,

$$10^r-R_2=R_1+\theta \text{ and } 10^r-R'_2=R'_1+\theta'$$

whence, from the mean of the two measures, we derive as the rectangular co-ordinates of the star-image referred to the corner of the réseau square as origin and the revolution of the screws as unit

$$-(R_1+\tfrac{1}{2}\theta), \qquad R'_1+\tfrac{1}{2}\theta'$$

the sign of the former being reversed to correspond with the direction of increasing R.A.

We may convert these measures into millimetres by dividing by 2 since one revolution of the screw corresponds with half a millimetre on the plate. Further, adding the réseau equivalents I, I', *i.e.* the rectangular co-ordinates in millimetres of the origin in the réseau square in relation to the origin at the intersection of the central réseau lines, we obtain the co-ordinates of the star images in millimetres by the formulæ

$$I-\tfrac{1}{2}(R_1+\tfrac{1}{2}\theta),\ I'+\tfrac{1}{2}(R'_1+\tfrac{1}{2}\theta')$$

or the equivalent formulæ, which have been used for control,

$$I-5+\tfrac{1}{2}(R_2+\tfrac{1}{2}\theta),\ I'+5-\tfrac{1}{2}(R'_2+\tfrac{1}{2}\theta')$$

where I, I' are given by the following table of réseau equivalents :—

Réseau Equivalents for Vertical Scale (I).

Lines.	Equivalent.	Lines.	Equivalent.	Lines.	Equivalent.	Lines.	Equivalent.
31–32	+60	37–38	+30	43–44	0	49–50	−30
32–33	+55	38–39	+25	44–45	− 5	50–51	−35
33–34	+50	39–40	+20	45–46	−10	51–52	−40
34–35	+45	40–41	+15	46–47	−15	52–53	−45
35–36	+40	41–42	+10	47–48	−20	53–54	−50
36–37	+35	42–43	+ 5	48–49	−25	54–55	−55

Réseau Equivalents for Horizontal Scale (I′).

Lines.	Equivalent.	Lines.	Equivalent.	Lines.	Equivalent.	Lines.	Equivalent.
2–3	+55	8–9	+25	14–15	− 5	20–21	−35
3–4	+50	9–10	+20	15–16	−10	21–22	−40
4–5	+45	10–11	+15	16–17	−15	22–23	−45
5–6	+40	11–12	+10	17–18	−20	23–24	−50
6–7	+35	12–13	+ 5	18–19	−25	24–25	−55
7–8	+30	13–14	0	19–20	−30	25–26	−60

Finally, it is necessary to express the co-ordinates in units which correspond more accurately with a minute of arc at the centre of the plate. A preliminary determination of the scale equivalent of the plates, depending on the focal length of the telescope, showed that one millimetre on the plate is less than a minute of arc by one part in 300. The rectangular co-ordinates derived as above have therefore all been diminished by $\frac{1}{300}$th part of themselves, and the final formulæ for the rectangular co-ordinates derived from the measurement are

$$x = I - \tfrac{1}{2}(R_1 + \tfrac{1}{2}\theta) - \tfrac{1}{300}[I - \tfrac{1}{2}(R_1 + \tfrac{1}{2}\theta)],$$
$$y = I + \tfrac{1}{2}(R'_1 + \tfrac{1}{2}\theta') - \tfrac{1}{300}[I' + \tfrac{1}{2}(R'_1 + \tfrac{1}{2}\theta')],$$

A specimen of the computation form used is appended.

Measures of Co-ordinates—Catalogue Plates.

Plate 7130. Date, 1902 November 7. Réseau G. 50. Measurers, NM, ES.

δ_0—46°.		Vertical.				Horizontal.				α_0 0h 0m.
No. Notes.	Diameter.	Black. 10—Sum. Red.	Line. Equivalent. ½ Mean.	Sum. Sum÷300 x.	Plate Corrections. *x*.	Black. 10—Sum. Red.	Line. Equivalent. ½ Mean.	Sum. Sum÷300. y.	Plate. Corrections. *y*.	C.P.D. No. C.P.D. Mag. Mean Diam.
1	2	3	4	5	6	7	8	9	10	11
18	1·6	4·310	50, 51	−37·158	+ ·9	1·156	12, 13	+ 5·574	+ ·204	46°·10615
		+10	−35·	·124	+ ·5	−16	+ 5·	·19	+ ·2	8·4
*	1·6	5·680	− 2·158	−37·034	−37·020	8·860	+ 0·574	+ 5·555	+ 5·761	1·60
87	0·9	3·150	36, 37	+33·422	+ ·35	3·064	19, 20	−28·465	+ ·143	46·5
		+10	+35·	·111	− ·24	+14	−30·	·95	− ·11	9·8
*	0·9	6·840	− 1·578	+33·311	+33·322	6·922	+ 1·535	−28·370	−28·238	0·90

In the first column are entered any notes made by the observer, usually by means of convenient symbols, and space is left for the entry of a rotation number following the order of the x co-ordinate throughout the plate.

Column 2 contains the measures of the diameters or estimates of density of images as the case may be.

The micrometer readings R_1, R_2 are entered in the third column under the precepts " Black," " Red," and the quantity θ is inserted between them.

In the fourth column are entered the numbers of the réseau lines corresponding with the vertical or right ascension co-ordinate of the star image, and beneath them the equivalent of these readings in millimetres. Beneath this again is entered the quantity $-\frac{1}{2}(R_1+\frac{1}{2}\theta)$ derived from the two first entries in column 3.

The fifth column contains the sum of the last two entries in the preceding column taken algebraically, viz., the quantity $I-\frac{1}{2}(R_1+\frac{1}{2}\theta)$, and beneath it the quotient obtained by dividing it by 300. The numerical difference of these two quantities gives the co-ordinate x which is then inserted beneath them.

Columns 7, 8, 9, for the computation of the co-ordinate y, correspond exactly with columns 3, 4, 5. Columns 6 and 10 serve for the application of " plate constant " corrections derived in a manner to be hereafter explained.

The final column gives the number and magnitude of the star as identified in the C.P.D. and the mean diameter derived from the entries in column 2.

§ V.—CORRECTIONS FOR REFRACTION AND ABERRATION.

The corrections for differential refraction, as affecting the rectangular co-ordinates of star images on photographic plates, have been very fully developed by Kapteyn (*Bulletin du Comité Permanent*, t. iii, p. 71).

The significant terms may be expressed as follows :—

$$\Delta x = ax + by,$$
$$\Delta y = Ax + By,$$

where, with sufficient accuracy,

$$a = k' \sec^2 q,$$
$$b = k' \tan q \,(\tan p - \tan \delta),$$
$$A = k' \tan q \,(\tan p + \tan \delta),$$
$$B = k' \sec^2 p,$$

p, q being defined by the equations

$$\tan p = \tan \zeta \cos \omega,$$
$$\tan q = \tan \zeta \sin \omega,$$

where ζ, ω, δ denote respectively the zenith distance, parallactic angle and declination of the centre of the plate and k' is the constant of refraction, dependent on the readings of the barometer and thermometer.

It is convenient to divide each of these expressions for Δx, Δy into three parts as follows :—

$$\Delta x=[\mathrm{B}x]+[by]+[(a-\mathrm{B})x],$$
$$\Delta y=[\mathrm{B}y]-[bx]+[(\mathrm{A}+b)x].$$

Now the terms $[\mathrm{B}x]$, $[\mathrm{B}y]$ in Δx, Δy are evidently equivalent in effect to a variation of the scale equivalent of the réseau, while the second terms $[by]$, $[bx]$ are equivalent to a small change in the orientation of the axes of reference.

Hence we may ignore these terms provided we derive the instantaneous scale equivalent of the réseau and its orientation from the internal evidence afforded by the measures of star images independently for each plate.

The corrections expressed by the remaining terms are, however, of a different character and indicate a distortion of the field of view as represented on the plate.

Hence if we put

$$a=a-\mathrm{B}=k'\ (\sec^2 q-\sec^2 p)=-k'\tan^2\zeta\cos 2\omega$$
$$\beta=\mathrm{A}+b=2k'\tan p\tan q=k'\tan^2\zeta\sin 2\omega$$

the distortional parts of the refraction, which need alone concern us, are given by

$$\Delta x=\alpha x, \qquad \Delta y=\beta x.$$

Since α, β both contain $\tan^2\zeta$ as a factor, and all the plates have been taken at small zenith distances, these corrections will always be small. They have been computed with a mean value of k' corresponding to average atmospheric conditions, as functions of the declination and hour angle of the plate centre at the middle of exposure. Within the limits of accuracy sought their variations, even for extreme atmospheric conditions, are quite insensible. The values used for plates with centres on the declination circle—46° are contained in the following table.

Refraction Table. ($\delta=-46°$.)

Hour Angle of Plate Centre.	α.	β.
h m		
0 0	−·000013	·000000
0 20	−·000011	+·000009
0 40	−·000005	+·000017
1 0	+·000004	+·000025
1 20	+·000016	+·000031
1 40	+·000033	+·000036
2 0	+·000055	+·000038

The signs quoted are those appropriate for western hour-angles. For eastern hour-angles the sign of β must be reversed.

The expressions given by Kapteyn for the differential effects of aberration show that the principal parts of the aberration are equivalent in effect to a small variation

in the scale and orientation of the plate. The outstanding effects are of the second order in relation to the co-ordinates, and will be quite insensible for plates of the dimensions used. Thus the corrections due to aberration may be regarded as absorbed in those due to the scale and orientation of the plate.

§ VI.—COMPUTATION OF TABULAR CO-ORDINATES OF THE STANDARD STARS.

The tabular positions of the comparison stars used for the standardisation of the plates are contained in the *Cape Catalogue of* 8560 *Astrographic Standard Stars*, derived from meridian observations made with the transit circle during the years 1896–1899 inclusive.

For convenience in computation the star places were all referred to the epoch 1900·0 by means of the catalogue proper motions, zero values, however, being assigned to these proper motions where no determination was included in the catalogue.

The rectangular co-ordinates, together with their annual variations on account of proper motion, referred to ideal plate centres, were then computed by means of the formulæ given by Jacoby,* retaining terms as far as the third order. To facilitate this computation, auxiliary tables were prepared for each zone of plate centres. The tables used for zone $-46°$ are given on p. xviii.

The tables have been derived from a slight modification of Jacoby's formulæ, involving the declination of the star (δ) instead of that of the plate centre.

In Jacoby's notation the quantities contained in the tables represent the terms

Table A	.. .. ..	$(\frac{1}{2}\Delta\alpha\Delta\delta^2 \sin^2 1'' + A'_2\Delta\alpha^3)\cos\delta$,
Table B	.. .. ..	$D'_1\Delta\alpha^2$,
Table C	.. .. ..	$D'_2\Delta\alpha^2\Delta\delta + D'_3\Delta\delta^3$;

whence, $\Delta\alpha$, $\Delta\delta$, which denote the differences of the R.A. and declination of the star from those of the plate centre, being expressed in minutes of arc

$$x = \Delta\alpha \cos\delta + \text{Table A},$$
$$y = \Delta\delta - \text{Table B} + \text{Table C}.$$

Table A takes the sign of $\Delta\alpha$; Table C that of $\Delta\delta$.

The arguments involved in these tables will be apparent with the exception of the vertical argument in Table C. The argument here used and denoted by "B correction" is the quantity derived in the previous entry from Table B. The term $\Delta\alpha \cos\delta$ in x was computed with five-figure logarithms.

* *Bulletin du Comité International Permanent*, t. iii., p. 3.

TABLE A. Unit 0′·001.

$\Delta\alpha\cos\delta$ \ $\Delta\delta$	0′	10′	20′	30′	40′	50′	60′	$\Delta\delta$ / $\Delta\alpha\cos\delta$
0′	0	0	0	0	0	0	0	0′
10	0	0	0	0	1	1	2	10
20	0	0	0·	1	2	2	3	20
30	0·	0·	1	1·	3	4	5	30
40	1	1	1·	2·	4	5	7	40
50	2	2	2·	4	5	7	9·	50
60	3	3	4	5	7	9	12	60

TABLE B.

$\Delta\alpha$	0′	1′	2′	3′	4′	5′	6′	7′	8′	9′	$\Delta\alpha$
0′	·000	·000	·000	·001	·001	·002	·003	·004	·005	·006	0′
10	·007	·009	·010	·012	·014	·016	·019	·021	·024	·026	10
20	·029	·032	·035	·038	·042	·045	·049	·053	·057	·061	20
30	·065	·070	·074	·079	·084	·089	·094	·099	·105	·110	30
40	·116	·122	·128	·134	·141	·147	·154	·160	·167	·174	40
50	·182	·189	·196	·204	·212	·220	·228	·236	·245	·253	50
60	·261	·270	·279	·288	·297	·307	·316	·326	·336	·346	60
70	·356	·366	·376	·387	·398	·409	·419	·430	·442	·453	70
80	·465	·476	·488	·500	·512	·525	·537	·550	·562	·575	80

TABLE C. Unit 0′·001.

B Corr. \ $\Delta\delta$	0′	10′	20′	30′	40′	50′	60′	$\Delta\delta$ / B Corr.
·00	0	0	0	1	2	3·	6	·00
·10	0	0	0	1	2	3·	6	·10
·20	0	0	0	1	1·	3	6	·20
·30	0	0	0	0·	1·	3	6	·30
·40	0	0	0	0·	1·	3	5·	·40
·50	0	0	0	0·	1·	3	5·	·50
·60	0	0	0	0·	1	—	—	—

With all necessary precision for zones so remote from the pole, the annual variations of x and y are expressed in minutes of arc as follows—

$$\mu_x = \tfrac{1}{4}\mu_a \cos\delta, \quad \mu_y = \tfrac{1}{60}\mu_\delta,$$

where μ_a, μ_δ are the annual proper motions as contained in the catalogue, expressed in seconds of time and arc respectively.

§ VII.—DETERMINATION OF PLATE-CONSTANTS.

After applying to the co-ordinates, as measured on the plates, corrections on account of the distortional effects of differential refraction, it is necessary further to correct the measures on account of the imperfections in centring and orientation of the réseau and variations in the scale. For this purpose, it is necessary to introduce for each plate four additional constants, a, b, S, P, the corrections being expressible by means of the formulæ—

$$\Delta x = a + Sx - Py,$$
$$\Delta y = b + Px + Sy.$$

The quantities a, b here denote the corrections for errors in centring, S denotes a scale correction, and P an orientation correction, the two latter including parts due to the effects of differential refraction and aberration not otherwise allowed for.

The measured co-ordinates, after application of all the corrections, take the form

$$x + a + (S+\alpha)x - Py,$$
$$y + b + (P+\beta)x + Sy.$$

The quantities a, b, S, P have now to be determined by a comparison of the measures with the computed co-ordinates of the standard stars derived from the meridian observations. Denoting as above the uncorrected photographic co-ordinates by x, y, and the corresponding co-ordinates derived from meridian observations for the epoch 1900 by x_m, y_m, the true co-ordinates at the epoch (1900+t) of the plate, apart from accidental errors of measurement, may be expressed in either of the forms

$$x + a + (S+\alpha)x - Py,\ y + b + (P+\beta)x + Sy$$

or

$$x_m + \mu_x t,\ y_m + \mu_y t.$$

Equating the corresponding expressions and writing for brevity

$$x_m - x + \mu_x t - \alpha x = m,$$
$$y_m - y + \mu_y t - \beta x = n,$$

each standard star will yield a pair of equations of condition of the form

$$a + Sx - Py = m,$$
$$b + Px + Sy = n.$$

The values of a, b, S, P for each plate have been derived by combining the series of the equations derived from all the standard stars on the plate by the method of least squares, giving each of the equations equal weight.

The least square solution may be somewhat simplified as follows :—

Denote by X, Y the co-ordinates of the centre of gravity of the standard stars on the plate so that $X = \frac{1}{\nu}\Sigma x$, $Y = \frac{1}{\nu}\Sigma y$, Σ denoting summation with respect to all the standards, and ν denoting their number.

Then if we put

$$x-X=\xi, \qquad y-Y=\eta$$
$$A=a+SX-PY,\ B=b+PX+SY,$$

so that

$$\Sigma\xi=0, \qquad \Sigma\eta=0,$$

the equations of condition take the form

$$A+S\xi-P\eta=m$$
$$B+P\xi+S\eta=n.$$

In virtue of the conditions $\Sigma\xi=0$, $\Sigma\eta=0$ the normal equations formed from the combination of these equations take the simple forms

$$\nu A=\Sigma m,$$
$$\nu B=\Sigma n,$$
$$\Sigma(\xi^2+\eta^2)S=\Sigma(m\xi+n\eta),$$
$$\Sigma(\xi^2+\eta^2)P=\Sigma(n\xi-m\eta).$$

The two latter give the values of S and P, each with weight

$$\Sigma(\xi^2+\eta^2),$$

and the two former A and B, each with weight ν.

a, b are then derived from the formulæ

$$a=A-SX+PY,$$
$$b=B-PX-SY.$$

As an illustration take the case of a plate exposed on 1897 Dec. 11 on the region whose centre is at $5^h\ 50^m$ R.A. on the declination circle $-46°$. The sidereal time at the middle of the exposure was $4^h\ 6^m$.

From these data the refraction constants are derived as follows :—

$$\alpha=-\cdot000037,\ \beta=-\cdot000036.$$

The plate contains 10 standard stars, the measured co-ordinates of which, together with the computed corrections for the distortional parts of the refraction, are :—

Catalogue No. of Star.	x.	y.	αx.	βx.
	′	′	′	′
1970	−39·896	−21·049	+0·001	+0·001
1976	−20·109	−53·491	+0·001	+0·001
1977	−20·368	+13·716	+0·001	+0·001
1989	+ 0·189	+40·683	..	..
1996	+ 6·814	+26·503	..	..
2000	+17·410	−39·633	..	..
2005	+26·616	+10·001	−0·001	−0·001
2012	+34·325	−11·392	−0·001	−0·001
2014	+41·777	−33·097	−0·002	−0·001
2020	+49·752	+13·611	−0·002	−0·002
	$X=+9\cdot651$	$Y=-5\cdot415$		

The co-ordinates computed from the meridian observations, together with their reductions on account of proper motion to the epoch of the photographic exposure, are :—

Catalogue No. of Star.	x_m.	y_m.	$\mu_x t$.	$\mu_y t$.
	′	′	′	′
1970	−40·030	−21·028	+0·002	..
1976	−20·228	−53·500	+0·001	+0·002
1977	−20·478	+13·751	+0·002	+0·001
1989	+ 0·118	+40·704	+0·001	+0·001
1996	+ 6·733	+26·522	+0·002	..
2000	+17·330	−39·661	..	..
2005	+26·544	+10·013	+0·001	+0·001
2012	+34·246	−11·403	..	..
2014	+41·701	−33·121	..	..
2020	+49·683	+13·600	..	..

From these data we derive the co-efficients and absolute terms of the equations of condition :—

Catalogue No. of Star.	Co-efficients.		m.	n.
	ξ	η		
			′	′
1970	−50	−16	−0·133	+0·020
1976	−30	−48	−0·119	−0·008
1977	−30	+19	−0·109	+0·035
1989	− 9	+46	−0·070	+0·022
1996	− 3	+32	−0·079	+0·019
2000	+ 8	−34	−0·080	−0·028
2005	+17	+15	−0·070	+0·014
2012	+25	− 6	−0·078	−0·010
2014	+32	−28	−0·074	−0·023
2020	+40	+19	−0·067	−0·009
			A=−0·088	B=+0·003

whence

$$\Sigma(\xi^2+\eta^2) = 16615,$$
$$\Sigma(m\xi+n\eta) = +9\cdot573,$$
$$\Sigma(n\xi-m\eta) = -6\cdot355,$$

and therefore

$$A=-0'\cdot088,\ B=+0'\cdot003,\ S=+\cdot000576,\ P=-\cdot000382,$$
$$a=A-SX+PY=-0\cdot091,\ b=B-PX-SY=+0'\cdot010.$$
$$(S+\alpha)=+\cdot000539,\ (P+\beta)=-\cdot000418.$$

Applying the corrections

$$a+(S+\alpha)x-Py \text{ and } b+(P+\beta)x+Sy$$

to the measured co-ordinates we find the final values of the photographic co-ordinates as follows :—

Catalogue No. of Star.	x.	y.	Δx.	Δy.
	′	′	′	′
1970	−40·017	−21·035	+0·011	−0·007
1976	−20·231	−53·504	−0·004	−0·006
1977	−20·465	+13·742	+0·011	−0·010
1989	+ 0·113	+40·716	−0·006	+0·011
1996	+ 6·737	+26·525	+0·002	+0·003
2000	+17·313	−39·653	−0·017	+0·008
2005	+26·543	+10·006	−0·002	−0·008
2012	+34·249	−11·403	+0·003	0·000
2014	+41·696	−33·123	−0·005	−0·002
2020	+49·693	+13·608	+0·010	+0·008

The two final columns give the residuals obtained by comparing the corrected photographic co-ordinates with those computed from meridian observations. From the sum of their squares we derive as the probable error corresponding to unit weight (*i.e.* that of a single equation of condition)

$$\pm 0'\cdot 0059 = \pm 0''\cdot 35.$$

The corresponding result derived from a large number of plates amounts to about $\pm 0''\cdot 32$. The errors herein involved arise partly from the accidental errors of the photographic measures and partly from those of the meridian co-ordinates. Assuming that the probable errors of the meridian co-ordinates, including parts due to proper motion, amount to $\pm 0''\cdot 20$ it follows that the probable accidental error of measurement of a single co-ordinate as derived from the photographs is

$$\pm\sqrt{(0''\cdot 32)^2-(0''\cdot 20)^2} = \pm 0''\cdot 25.$$

To facilitate the application of plate-constant corrections auxiliary tables were prepared for each plate giving the values of

I. $a+(S+\alpha)x$, (arg : x)
II. $-Py$, (arg : y)
III. $b+(P+\beta)x$, (arg : x)
IV. $+Sy$, (arg : y)

The quantities I and II corresponding with each star were then inserted in column 6 of the form on p. xiv., and the quantities III and IV in column 10. The final co-ordinates x, y entered in the same columns are obtained by applying these corrections to the entries x, y in the columns immediately preceding.

The co-ordinates as thus derived are the rectangular co-ordinates contained in the present volume. The actual values of the plate-constants used are given in the table on p. xxx.

§ VIII.—INTERCOMPARISON OF PLATES.

The results derived from different plates might be compared by referring them all to some common system of co-ordinates, *e.g.* right ascensions and declinations. The necessary transformations are, however, laborious, while the direct transformation from one rectangular co-ordinate system to another, corresponding with a different plate-centre, affords many facilities in manipulation. It is thus convenient to adopt as a system of reference, for comparison of results derived from the overlapping portions of two plates, the rectangular co-ordinate system of one or other of the two plates concerned.

The formulæ necessary for the transformation are derived in the Introduction to vol. i., p. xxxi.

Denote by x_0, y_0 the co-ordinates of a star image on a plate whose centre corresponds with the point (α_0, δ_0) on the sky, and by x_1, y_1 co-ordinates which the same star would have if the plate centre were transferred to the point (α_1, δ_1).

Then if

$$\delta_1 = -47^\circ,\ \delta_0 = -46^\circ,\ \alpha_0 - \alpha_1 = \pm 5 \text{ mins.}$$

$$x_1 = x_0 \pm 52'\cdot 1091 + \cdot 000253 x_0 \pm \cdot 015963 y_0 \pm \cdot 00000433 x_0^2 + \cdot 00000518 x_0 y_0 \pm \cdot 00000008 y_0^2 + \ \ldots$$

$$y_1 = y_0 + 59'\cdot 5971 \mp \cdot 015701 x_0 + \cdot 000292 y_0 - \cdot 00000007 x_0^2 \pm \cdot 00000425 x_0 y_0 + \cdot 00000511 y_0^2 + \ldots$$

These formulæ enable us to transform the co-ordinates as derived from plates with centres on the declination circle -46° so as to render them strictly comparable with those derived by direct measurement from plates on the adjacent zone -47°.

Their use may be facilitated by the preliminary formation of auxiliary tables. For example, tables are prepared giving the values of

$$A_1 = 52'\cdot 1054 + \cdot 015963 y_0$$

and of

$$B_1 = 59'\cdot 5917 - \cdot 015701 x_0$$

with arguments y_0, x_0 respectively,—and secondly of the expressions

$$A_2 = +0'\cdot 0037 + \cdot 000253 x_0 + \cdot 00000433 x_0^2 + \cdot 00000518 x_0 y_0 + \cdot 00000008 y_0^2$$

$$B_2 = +0'\cdot 0054 + \cdot 000292 y_0 - \cdot 00000007 x_0^2 + \cdot 00000425 x_0 y_0 + \cdot 00000511 y_0^2$$

with the double arguments x_0, y_0. For converting from a plate-centre in -46° to the plate-centre in -47°, preceding by 5 mins., we then have

$$x_1 = x_0 + A_1 + A_2,\quad y_1 = y_0 + B_1 + B_2.$$

Small constant parts have been included in the expressions for A_2, B_2 and subtracted from the constant parts in the expression for A_1, B_1 in order to avoid ambiguities in sign.

The double interpolation necessary to derive the quantities A_2, B_2 may be more conveniently effected graphically by plotting on squared paper the hyperbolas represented by

$$A_2 = \pm 0'\cdot 0005,\quad A_2 = \pm 0'\cdot 0015,\quad A_2 = \pm 0'\cdot 0025, \text{ etc.}$$

$$B_2 = \pm 0'\cdot 0005,\quad B_2 = \pm 0'\cdot 0015,\quad B_2 = \pm 0'\cdot 0025, \text{ etc.}$$

Tables for Reducing x and y on −46° Plates to overlap on −47° Plates.

A_1.

y.	0′	1′	2′	3′	4′	5′	6′	7′	8′	9′	y.
− 0′	52·105	·089	·073	·058	·042	·026	52·010	51·994	·978	·962	− 0′
10	51·946	·930	·914	·898	·882	·866	·850	·834	·818	·802	10
20	·786	·770	·754	·738	·722	·706	·690	·674	·658	·642	20
30	·627	·611	·595	·579	·563	·547	·531	·515	·499	·483	30
40	·467	·451	·435	·419	·403	·387	·371	·355	·339	·323	40
50	51·307	·291	·275	·259	·243	·227	·211	·196	·180	·164	50

A_2 Unit 0′·001.

x. / y.	−10′	0′	10′	20′	30′	40′	50′	60′	x. / y.
− 0′	7	4	2	0	0	1	2	4	− 0′
10	6	4	2	1	1	3	4	7	10
20	6	4	3	2	3	5	7	10	20
30	5	4	3	4	5	7	10	13	30
40	5	4	4	5	6	9	12	17	40
50	4	4	4	6	8	11	15	20	50
−60	4	4	5	7	10	13.	18	23	−60

B_1.

x.	0′	1′	2′	3′	4′	5′	6′	7′	8′	9′	x.
0′	59·592	·607	·623	·639	·655	·670	·686	·702	·717	·733	0′
10	·749	·764	·780	·796	·812	·827	·843	·859	·874	·890	10
20	59·906	·921	·937	·953	·969	·984	60·000	·016	·031	·047	20
30	60·063	·078	·094	·110	·126	·141	·157	·173	·188	·204	30
40	·220	·235	·251	·267	·283	·298	·314	·330	·345	·361	40
50	60·377	·392	·408	·424	·440	·455	·471	·487	·502	·518	50

B_2 Unit $_0$′·001.

x. / y.	−10′	0′	10′	20′	30′	40′	50′	60′	x. / y.
− 0′	5	5	5	5	5	5	5	5	− 0′
10	3	3	3	4	4	5	5	5	10
20	1	2	2	3	4	5	6	6	20
30	0	1	3	4	5	6	7	9	30
40	0	2	4	5	7	9	10	12	40
50	2	4	6	8	10	12	14	16	50
−60	4	6	9	11	14	16	19	21	−60

Any point x_0, y_0 in the plane of these curves will then lie between a pair of the curves belonging to either series, and the corresponding values of A_2 or B_2 may be immediately read off to the nearest unit of the third decimal place, or if necessary roughly interpolated to the fourth decimal place, by reference to the numbers inserted in the spaces, *e.g.* the space between $A_2 = +'\cdot 0025$ and $A_2 = +'\cdot 0035$ in the A-diagram will be numbered 3, that between $B_2 = +'\cdot 0065$ and $B_2 = +'\cdot 0075$ in the B-diagram will be numbered 7.

The quantities thus obtained will always be small and can be applied at sight as corrections to the quantities A_1, B_1 as the latter are extracted from the tables.

The tables in an abridged form are given on p. xxiv. Where -10 appears in the argument x for A_2 and B_2 it signifies that x precedes the centre of a preceding 46° plate or follows on a following plate ; in these cases A_1 and A_2 are to be taken with the same sign as x, but in all other cases with the opposite sign to x. B_1 and B_2 are always to be taken with positive sign.

§ IX.—CONTROL OBSERVATIONS.

By the methods of the preceding section the co-ordinates of each star image have been reduced to the system of co-ordinates of at least one other overlapping plate and verified, where possible, by comparison with the results obtained by direct measurement on the latter.

The sub-zone to the north was considered the normal overlap for stars of y plus and that to the south for stars of y minus.

Stars whose positions were orginally measured on one plate, but which were not represented among those measured on the overlapping plate, were, in the first instance, marked with the symbol M or *m*, to denote " missing." The capital letter implies that the overlapping area which was examined for verification preceded in R.A., the small letter that it was in following R.A.

Where these symbols have been retained in the final tables of rectangular co-ordinates, it should be understood that the positions quoted represent isolated observations of the stars concerned, unsupported by additional evidence from overlapping areas. Two plates of the 45° or 47° zones may overlap the 46° plate when the x co-ordinate on the latter is less than $\pm 9'\cdot 0$, and although M or *m* is retained the measures may have been verified by comparison with one of the plates.

In the case of the fainter stars no systematic attempt has been made at further verification, but the brighter stars have been subjected to additional examination by reference back to the plates.

No attempt has yet been made to convert the measures of diameter or estimates of intensity of the photographic images into a uniform scale of magnitude, and these measures or estimates themselves are accordingly quoted in the tables.

The quantity D quoted in the heading for each plate or at the head of column 4 on each page in the tables of rectangular co-ordinates is, however, roughly estimated as the diameter (or intensity) which corresponds with a magnitude of 11·0 on the C.P.D. scale ; it further represents the limiting diameter on the plate for which a systematic attempt at verification has been made.

For all stars whose images attain or exceed this limiting intensity, and for fainter stars which have been examined, the original symbols M or *m* have been replaced by one or other of the following : A, B, C, D, E, F, *a*, *b*, *c*, *d*, *e*, *f*, α, β, γ, δ. The capital letters refer to an overlapping area whose centre precedes that of the plate under investigation, and the small letters to one which follows.

A or *a* indicates, that although the star was fainter than the limiting magnitude retained on the overlap, two images (1st and 2nd exposures) could be traced there in the required position.

B or *b* that the first image was visible, but that the second could not be seen.

C or *c* that the existence of the star image on the overlap could not be verified with certainty on account of the proximity of a réseau line, faults in the film, or similar causes.

D or *d* that no trace of a star image could be seen.

In cases marked C, *c* or D, *d*, the existence of the star image on the original plate has been verified, and the measures and reductions carefully re-examined.

The symbols α, β, γ, δ, with a similar significance to A, B, C, D, or *a*, *b*, *c*, *d*, have been used where the position of the star image on the overlapping area lies on the margin outside the usual limits of measurement.

The symbols E, *e* indicate that measures of a star, not represented on the normal quadrantal overlap, have been found on the marginal overlap of an adjacent plate in the same zone of declination, but of different R.A.

In like manner, the symbols F, *f* indicate that the existence of the star has been verified and its co-ordinates checked from the marginal areas of a plate whose centre is in the opposite direction in declination from that of the normal quadrantal overlap on which verification was first sought.

In cases marked E, *e* or F, *f* no further verification by reference to the plates themselves has been considered necessary.

§ X.—PERSONAL.

The work here dealt with was planned and commenced under the direction of Sir David Gill, who retired from the directorship of the Observatory on 20th February, 1907. Since this date the work has been continued under my directorship on similar lines.

The distribution of the work amongst the permanent and temporary members of the staff has been as follows.

The revised series of catalogue plates dealt with in this volume was commenced in 1897, under the supervision of Mr. J. Lunt, B.Sc. After September 1898 Mr. Lunt was transferred exclusively to the Astrophysical Department, and the control of the photography and development placed in charge of Mr. C. R. Woods. On his retirement in 1901 March, Mr. Woods was succeeded by Mr. R. Woodgate, who has continued to supervise the photography till its completion.

As a rule, the development of the plates was performed by these officers, but several computers have also assisted in the exposure at the telescope, and occasionally in the developing room.

In the table giving particulars of the separate plates, the name of the observer at the telescope is indicated by initials, to be interpreted as follows :—

Banks, E. H.	1899 Sept. 14–25, 1902 Jan. 9–Apr. 25,	E.B.	10
Fowler, R.	1908 Nov. 24–1909 May 4,	R.F.	1
Gummer, W. A.	1901 July 18–1902 Nov. 18,	W.G.	6
Jackson, J. W.	1904 Feb. 29–end of work,	J.J.	24
Jeffries, C. W.	1903 Mar. 19–1904 Dec. 23,	J.	6
Mullis, H. F.	1901 Sept. 17–1904 Mar. 16,	M.	40
Whittingdale, W.	1902 May 27–1903 Jan. 14,	W.W.	5
Woodgate, R.	1901 Mar. 9–end of work,	W.	46
Woods, C. R.	1897 Dec. 9–1900 Nov. 9,	C.W.	6

The distribution of the work for the zone −46° is indicated by the number of plates given in the last column.

The measurement of the plates was conducted by a staff of lady computers under the control of Miss M. Bowman from the commencement until 1902 March 27, and subsequently under the control of Miss E. van der Lingen. The same computers have throughout assisted in the more routine parts of the reductions and in the very heavy clerical work involved in preparing the work for press. The

following is a list of those who have taken part in the measurement, together with the initials by which they are referred to in the table on pp. xxx–xxxii and in the Catalogue :—

Miss M. Backwell	M.B.	1905 Sept. 1–1911 Nov. 30.
,, M. Bergh	S.B.	1899 July 1–1902 Mar. 31.
,, L. Berry	L.B.	1903 May 16–1903 Dec. 31.
,, M. Bowman	B.	1897 Jan. 16–1902 Mar. 27.
,, M. Coates	M.C.	1902 Sept. 1 . . .
,, N. Crosby	C.	1904 Apr. 1–1905 Nov. 15. 1906 Apr. 1–1914 Feb. 15.
,, M. Eedes	E.	1899 Nov. 6–1902 Mar. 31.
,, C. Halkett	C.H.	1897 Nov. 1–1900 Feb. 28.
Mrs. Holtzer	H.	1899 May 19–1900 Sept. 30.
Miss J. Hutcheon	J.H.	1899 Feb. 6–1902 Mar. 31.
,, M. Jackson	M.J.	1904 Dec. 1–1905 Feb. 25.
,, N. Maclear	N.M.	1902 Oct. 1–1904 Mar. 31. 1906 Mar. 1–1909 June 30.
Mrs. Rolls	R.	1898 Sept. 19–1898 Dec. 31.
Miss E. Speight	S.	1899 Feb. 1–1902 Mar. 31.
,, M. Stephens	M.S.	1897 July 1–1899 Jan. 31. 1902 Aug. 1 . . .
,, E. Straith	E.S.	1901 Sept. 9–1907 Feb. 28.
,, H. Twamley	T.	1906 Jan. 1–1911 Aug. 31.
,, E. Van der Lingen	L.	1902 Mar. 1–1911 Sept. 30.
,, E. Warren	E.W.	1900 Oct. 1–1901 July 31.

Misses Beattie, Carney, Duncan, Ness, Sampson, and Wilson have assisted in the reductions but have taken no part in the measurement.

The examination of the reductions, the computation of plate-constants, the preparation of the results for press, the onerous intercomparison and examination of overlapping areas have been supervised by Mr. J. Power, who has been indefatigable in his endeavours to accelerate the work and to secure the greatest accuracy in detail. In addition to clerical assistance from the lady computers mentioned above, the following computers, acting immediately under Mr. Power's control, have from time to time taken part in the computational work :—

Mr. E. H. Banks.
,, R. W. Cheeseman.
,, A. Cochrane.
,, D. De Korte.
,, R. Fowler.
,, H. Garrett.
,, A. W. Goatcher.
,, W. Gummer.
,, J. W. Jackson.
,, C. W. Jeffries.
,, G. F. Johns.
Mr. M. Meldrum.
,, H. F. Mullis.
,, J. A. J. Pead.
,, J. H. Peirce.
,, F. H. Scragg.
,, J. A. Simpson.
,, W. Whittingdale.
,, A. J. Wilkin.
,, F. H. Williams.
,, R. Williams.
,, J. C. Wood.

The examination of the plates for discordant or missing stars on overlapping areas has been conducted by Messrs. Peirce and Wilkin.

§ XI.—LIST OF PLATES.

The following table gives details of the separate plates dealt with in this volume.

Column 1 gives the rotation number in the zone and column 2 the R.A. of the centre of the plate.

Column 3 gives the rotation number of the plate from the diary of observations at the photographic telescope.

Column 4 gives the date of exposure of the photograph and column 5 the initials of the photographer, as indicated on p. xxvii.

Columns 6 and 7 give respectively the sidereal time and hour angle of the centre of the plate at the middle of the exposure.

Column 8 gives the state of the definition as recorded by the observer, the best conditions being denoted by 1 and the worst possible observing conditions by 4, intermediate or variable conditions by intermediate numbers or combinations of numbers.

Column 9 gives the distinguishing mark on the réseau used.

Column 10 gives the date on which the measurements were made, or in the case of the fuller plates, for some of which the measures extended over several days, an approximate mean date.

Column 11 gives the initials of the observers who made the measures, to be interpreted as on p. xxviii.

Column 12 indicates which of the two micrometers (I or II) was used.

Columns 13–18 contain the plate-constants, derived by the method of § VII, which have been employed in reducing the measures. These include the parts due to differential refraction and aberration.

Column 19 gives the number of standard stars used for the determination of these plate-constants.

ZONE −46°. *Details of Plates.*

No.	α_0	Plate.	Exposed		Mean Sid. Time.	Hour Angle.	Def.	Réseau.	Measured		Micrometer	Plate-Constants Applied.						Standards.
			on	by					on	by		*a.*	$S+a.$	$-P.$	*b.*	$P+\beta.$	*S.*	
	h m				h m	h m												
1	0 0	7130	1902 Nov. 7	W	23 52	E 0 8	3	G 50	1904 Apr. 7	NM, ES	II	+0·023	+·000375	+·000862	+0·172	−·000866	+·000387	11
2	10	7131	1902 Nov. 7	W	0 8	E 0 2	2–3	G 50	1904 Apr. 8	ES, NM	II	+ ·097	+ 431	+ 941	+ ·280	− 942	+ 444	11
3	20	7132	1902 Nov. 7	W	0 24	W 0 4	3	G 50	1904 Apr. 10	NM, ES	II	− ·096	+ 349	+ 563	+ ·138	− 561	+ 362	11
4	30	7125	1902 Nov. 6	M	0 27	E 0 3	3	G 50	1904 Apr. 11	ES, NM	II	− ·004	+ 363	+ 152	− ·210	− 154	+ 376	10
5	40	7133	1902 Nov. 7	W	0 41	W 0 1	3	G 50	1904 Apr. 12	NM, ES	II	+ ·028	+ 602	+ 469	+ ·166	− 469	+ 615	11
6	50	7134	1902 Nov. 7	W	0 55	W 0 5	3	G 50	1904 Apr. 12	ES, NM	II	+ ·029	+ 313	+ 509	+ ·170	− 507	+ 326	11
7	1 0	7135	1902 Nov. 7	W	1 9	W 0 9	3–4	G 50	1904 Apr. 13	NM, ES	II	+ ·005	+ 416	+ 476	+ ·189	− 471	+ 428	12
8	10	8121	1904 Oct. 27	JJ	0 22	E 0 48	2–3	G 50	1905 Feb. 23	ES, MJ	II	+ ·132	+ 704	+ 016	+ ·080	− 010	+ 716	12
9	20	8122	1904 Oct. 27	JJ	0 39	E 0 41	2–3	G 50	1905 Feb. 26	MJ, ES	II	− ·032	+ 693	+ 283	+ ·010	− 300	+ 698	12
10	30	7137	1902 Nov. 14	W	0 42	E 0 48	3	G 50	1904 Apr. 14	ES, NM	II	+ ·176	+ 449	+ 474	+ ·232	− 494	+ 450	10
11	40	7139	1902 Nov. 14	W	1 17	E 0 23	3	G 50	1904 Apr. 15	NM, ES	II	+ ·008	+ 593	+ 1469	+ ·254	− 1479	+ 603	13
12	50	7140	1902 Nov. 14	W	1 31	E 0 19	3	G 50	1904 Apr. 17	ES, NM	II	+ ·180	+ 589	+ 682	+ ·229	− 691	+ 600	9
13	2 0	7141	1902 Nov. 14	W	1 46	E 0 14	3	G 50	1904 Apr. 18	NM, ES	II	+ ·121	+ 538	+ 415	+ ·219	− 422	+ 550	10
14	10	7142	1902 Nov. 14	W	2 0	E 0 10	3	G 50	1904 Apr. 19	ES, NM	II	+ ·075	+ 497	+ 441	+ ·122	− 445	+ 509	12
15	20	7160	1902 Nov. 18	WG	1 31	E 0 49	3	G 50	1904 Apr. 20	NM, ES	II	− ·011	+ 456	+ 490	+ ·102	− 511	+ 456	10
16	30	7161	1902 Nov. 18	WG	1 48	E 0 42	3	G 50	1904 Apr. 20	ES, NM	II	+ ·103	+ 532	+ 332	+ ·162	− 350	+ 536	10
17	40	7162	1902 Nov. 18	WG	2 3	E 0 37	3	G 50	1904 Apr. 21	NM, ES	II	+ ·022	+ 594	+ 713	+ ·131	− 729	+ 600	12
18	50	7163	1902 Nov. 18	WG	2 18	E 0 32	3	G 50	1904 Apr. 22	ES, NM	II	+ ·123	+ 547	+ 199	+ ·112	− 213	+ 554	12
19	3 0	4651	1897 Dec. 11	CW	3 35	W 0 35	3	G 51	1904 Apr. 24	MC,ES,NM	II	− ·222	+ 348	+ 422	+ ·115	− 407	+ 355	11
20	10	7164	1902 Nov. 18	M	2 48	E 0 22	3	G 50	1904 Apr. 25	ES, NM	II	− ·015	+ 492	+ 028	+ ·128	− 038	+ 502	11
21	20	7165	1902 Nov. 18	M	3 4	E 0 16	3	G 50	1904 Apr. 26	NM, ES	II	+ ·018	+ 485	− 125	+ ·141	+ 118	+ 496	11
22	30	8269	1904 Dec. 23	J	3 11	E 0 19	3–4	G 50	1906 Mar. 6	L, MC	I	− ·111	+ 732	− 924	− ·076	+ 915	+ 743	12
23	40	8235	1904 Dec. 16	JJ	3 34	E 0 6	3	G 50	1906 Mar. 7	L, MC	I	− ·207	+ 487	− 1128	+ ·047	+ 1125	+ 499	11
24	50	9225	1909 Jan. 4	RF	3 19	E 0 31	1–2	G 50	1909 Feb. 20	NM, HT	II	− ·074	+ 430	− 2147	− ·077	+ 2134	+ 438	13
25	4 0	7169	1902 Nov. 18	M	4 14	W 0 14	3	G 50	1904 Apr. 28	ES, NM	II	+ ·017	+ 460	− 155	+ ·106	+ 162	+ 472	11
26	10	8237	1904 Dec. 16	JJ	4 6	E 0 4	3	G 50	1906 Mar. 7	L, MC	I	− ·211	+ 538	− 867	− ·077	+ 865	+ 551	12
27	20	8238	1904 Dec. 16	JJ	4 22	W 0 2	3	G 50	1906 Mar. 8	L, MC	I	− ·093	+ 604	− 783	− ·035	+ 784	+ 617	11
28	30	8303	1905 Jan. 19	W	4 46	W 0 16	2–3	G 50	1906 Mar. 9	L, MC	I	− ·288	+ 774	− 1898	− ·023	+ 1905	+ 785	11
29	40	6642	1902 Jan. 23	M	4 46	W 0 6	4–3	G 61	1904 May 2	NM, ES	II	− ·188	+ 125	− 646	+ ·080	+ 649	+ 137	11
30	50	6643	1902 Jan. 23	M	5 5	W 0 15	4–3	G 61	1904 May 4	ES, NM	II	+ ·129	+ 201	− 674	+ ·015	+ 681	+ 212	13
31	5 0	5193	1899 Feb. 1	CW	5 6	W 0 6	3	G 51	1899 Feb. 14	CH, B	I	+ ·203	+ 464	− 579	+ ·588	+ 582	+ 476	12
32	10	5200	1899 Feb. 4	CW	5 53	W 0 43	3–4	G 51	1899 Mar. 1	CH, B	I	− ·024	+ 449	− 618	+ ·414	+ 636	+ 452	11
33	20	6644	1902 Jan. 23	M	5 23	W 0 3	4–3	G 61	1904 May 7	NM, ES	II	− ·064	+ 250	− 539	+ ·113	+ 541	+ 263	10
34	30	8290	1905 Jan. 16	JJ	4 59	E 0 31	3–4	G 50	1906 Mar. 12	L, MC	I	− ·155	+ 646	− 955	− ·003	+ 942	+ 654	12
35	40	6639	1902 Jan. 20	WG	5 46	W 0 6	3–4	G 61	1904 May 10	ES, NM	II	− ·177	+ 459	− 796	+ ·091	+ 799	+ 471	11
36	50	4653	1897 Dec. 11	CW	4 6	E 1 44	2–3	G 51	1904 May 14	NM, ES	II	− ·091	+ 539	+ 377	+ ·010	− 413	+ 576	10
37	6 0	6640	1902 Jan. 20	WG	6 3	W 0 3	3–4	G 61	1904 May 17	ES, NM, C	II	− ·098	+ 261	− 382	+ ·161	+ 384	+ 274	11
38	10	7264	1903 Jan. 13	W	5 38	E 0 32	2–3	G 50	1904 May 20	NM, ES	II	+ ·091	+ 493	+ 410	+ ·275	− 424	+ 500	12
39	20	8307	1905 Jan. 19	W	5 53	E 0 27	2–3	G 50	1906 Mar. 14	MC, L	I	− ·265	+ 803	− 1569	− ·042	+ 1557	+ 812	11
40	30	7265	1903 Jan. 13	W	5 54	E 0 36	2–3	G 50	1904 May 27	ES, MN	II	− ·009	+ 520	+ 279	− ·808	− 294	+ 526	12
41	40	7266	1903 Jan. 13	W	6 9	E 0 31	2–3	G 50	1904 June 2	ES, MC	II	− ·087	+ 448	+ 472	+ ·254	− 485	+ 456	14
42	50	4665	1897 Dec. 13	CW	5 43	E 1 7	2–3	G 51	1904 June 5	MC, ES	II	+ ·152	+ 544	+ 547	+ ·142	− 574	+ 536	11
43	7 0	7267	1903 Jan. 13	W	6 25	E 0 35	2–3	G 50	1904 June 10	ES, MC	II	− ·164	+ 653	+ 208	+ ·195	− 223	+ 659	12
44	10	6689	1902 Feb. 25	W	6 59	E 0 11	3	G 61	1904 June 14	MC, ES	II	− ·084	+ 551	+ 199	− ·015	− 204	+ 563	13
45	20	6690	1902 Feb. 25	W	7 17	E 0 3	3	G 61	1904 June 26	MC, ES	II	− ·187	+ 559	+ 140	− ·053	− 138	+ 572	13
46	30	6736	1902 Mar. 20	M	7 25	E 0 5	3	G 61	1904 June 30	ES, MC	II	− ·125	+ 453	− 326	+ ·025	+ 324	+ 465	11
47	40	6691	1902 Feb. 25	W	7 36	E 0 4	3	G 61	1904 July 4	MC, ES	II	− ·278	+ 545	+ 266	− ·059	− 268	+ 558	13
48	50	6737	1902 Mar. 20	M	7 44	E 0 6	3	G 61	1904 July 10	ES, MC	II	− ·130	+ 442	− 302	− ·019	+ 299	+ 454	13
49	8 0	8333	1905 Feb. 22	W	7 34	E 0 26	3	G 50	1906 Mar. 20	ES, NM	II	− ·350	+ 791	− 812	+ ·008	+ 801	+ 800	12
50	10	8334	1905 Feb. 22	W	7 50	E 0 20	3	G 50	1906 Mar. 30	NM, ES	II	− ·268	+ 784	− 802	− ·151	+ 793	+ 795	12

8. Constants computed with error of 1h in hour-angle, viz., W 0h 12m.

22. Gusty wind

ZONE −46°. *Details of Plates.*

No.	α_0	Plate.	Exposed on	Exposed by	Mean Sid. Time.	Hour Angle.	Def.	Réseau.	Measured on	Measured by	Micrometer.	Plate-Constants Applied. a.	$S+a$.	$-P$.	b.	$P+\beta$.	S.	Standards.
	h m				h m	h m												
51	8 20	8335	1905 Feb. 22	W	8 12	E o 8	3	G 50	1906 Apr. 7	ES, NM	II	− ·333	+ ·000745	− ·000763	− 0·133	+ ·000759	+ ·000757	13
52	30	8347	1905 Mar. 10	W	7 42	E o 48	2–3	G 50	1905 Sept. 9	ES, C, MC	II	− ·175	+ 830	− 926	− ·061	+ 906	+ 831	13
53	40	4717	1898 Jan. 12	CW	8 9	E o 31	2	G 51	1904 Aug. 7	MC, ES	II	− ·096	+ 556	− 172	− ·085	+ 159	+ 564	13
54	50	8348	1905 Mar. 10	W	7 58	E o 52	2–3	G 50	1906 June 13	NM, C	II	− ·194	+ 892	− 747	− ·024	+ 725	+ 891	13
55	9 0	6694	1902 Feb. 25	W	8 52	E o 8	3	G 61	1904 July 21	ES, MC	II	− ·120	+ 609	+ 220	+ ·017	− 224	+ 621	12
56	10	9278	1909 Mar. 16	W	8 16	E o 54	2–3	G 50	1909 Nov. 14	L, C	I	+ ·038	+ 601	− 217	− ·160	+ 194	+ 599	12
57	20	6628	1902 Jan. 17	EB	9 4	E o 16	2–3	G 61	1905 Apr. 5	L, C	I	− ·061	+ 338	− 214	+ ·163	+ 207	+ 349	12
58	30	7786	1904 Mar. 3	W	9 6	E o 24	3–4	G 50	1904 July 27	ES, MC	II	− ·257	+ 667	+ 759	− ·184	− 770	+ 677	12
59	40	6629	1902 Jan. 17	EB	9 23	E o 17	2–3	G 61	1905 Apr. 10	L, C	I	− ·040	+ 389	− 031	+ ·030	+ 023	+ 400	13
60	50	6784	1902 Apr. 15	EB	8 49	E 1 1	2–3	G 61	1904 Aug. 2	MC, ES	II	− ·223	+ 534	+ 323	− ·095	− 348	+ 530	15
61	10 0	6630	1902 Jan. 17	EB	9 41	E o 19	2–3	G 61	1905 Apr. 19	L, C	I	− ·074	+ 467	− 072	+ ·098	+ 063	+ 478	13
62	10	6785	1902 Apr. 15	EB	9 4	E 1 6	2–3	G 61	1904 Aug. 14	MC, ES	II	− ·051	+ 583	+ 425	− ·034	− 452	+ 576	13
63	20	6842	1902 Apr. 25	EB	9 56	E o 24	1–2	G 61	1904 Aug. 25	MC, ES	II	− ·374	+ 456	− 062	− ·011	+ 051	+ 466	12
64	30	8355	1905 Mar. 28	W	9 50	E o 40	2–3	G 50	1906 June 6	L, MC	I	− ·212	+ 708	− 713	− ·062	+ 696	+ 713	11
65	40	7372	1903 May 12	M	10 42	W o 2	3	G 50	1904 Aug. 28	ES, MC	II	+ ·059	+ 531	+ 959	+ ·368	− 958	+ 544	12
66	50	6633	1902 Jan. 17	EB	10 37	E o 13	3–4	G 61	1904 Sept. 1	MC, ES	II	− ·077	+ 423	+ 470	+ ·132	− 477	+ 435	12
67	11 0	7373	1903 May 16	M	10 36	E o 24	3	G 50	1904 Oct. 19	ES, MC	II	− ·119	+ 501	− 1047	+ ·268	+ 1036	+ 511	12
68	10	7858	1904 May 3	J	10 36	E o 34	3	G 50	1904 Oct. 22	MC, ES	II	+ ·007	+ 683	− 564	+ ·037	+ 549	+ 690	12
69	20	8358	1905 May 28	W	10 38	E o 42	3	G 50	1906 May 29	L, MC	I	− ·251	+ 778	− 342	− ·077	+ 324	+ 782	11
70	30	6789	1902 Apr. 15	EB	10 12	E 1 18	3	G 61	1904 Oct. 24	ES, MC	II	− ·112	+ 622	+ 760	− ·033	− 790	+ 607	11
71	40	6790	1902 Apr. 15	EB	10 29	E 1 11	3	G 61	1904 Oct. 25	MC, ES	II	− ·393	+ 443	− 152	− ·027	+ 124	+ 432	13
72	50	7378	1903 May 18	M	11 44	E o 6	4–3	G 50	1904 Oct. 27	ES, MC	II	− ·010	+ 512	− 265	+ ·112	+ 262	+ 524	11
73	12 0	6720	1902 Mar. 18	M	11 59	E o 1	2–3	G 61	1904 Oct. 29	MC, ES	II	− ·042	+ 488	+ 677	− ·065	− 677	+ 501	12
74	10	6721	1902 Mar. 18	M	12 19	W o 9	2–3	G 61	1904 Nov. 2	ES, MC	II	− ·168	+ 402	− 240	+ ·176	+ 245	+ 414	12
75	20	6722	1902 Mar. 18	M	12 38	W o 18	2–3	G 61	1904 Nov. 4	MC, ES	II	− ·094	+ 502	+ 214	+ ·014	− 206	+ 513	11
76	30	6792	1902 Apr. 15	EB	11 5	E 1 25	3–4	G 61	1904 Nov. 11	MC, ES	II	− ·167	+ 523	+ 421	+ ·064	− 453	+ 503	10
77	40	7390	1903 May 30	J	11 33	E 1 7	4–3	G 50	1904 Nov. 13	ES, MC	II	+ ·015	+ 533	+ 382	+ ·447	− 409	+ 525	14
78	50	7391	1903 May 30	J	11 58	E o 52	4–3	G 50	1904 Nov. 16	MC, ES	II	− ·149	+ 646	− 295	+ ·453	+ 273	+ 645	11
79	13 0	6724	1902 Mar. 18	M	13 15	W o 15	2–3	G 61	1904 Nov. 18	ES, MC	II	− ·018	+ 521	+ 543	+ ·051	− 536	+ 532	12
80	10	6725	1902 Mar. 18	M	13 35	W o 25	2	G 61	1904 Nov. 21	MC, ES	II	− ·108	+ 494	+ 282	− ·013	− 271	+ 503	12
81	20	7392	1903 May 30	J	12 17	E 1 3	4–3	G 50	1904 Nov. 24	ES, MC	II	− ·163	+ 716	+ 397	+ ·470	− 423	+ 710	8
82	30	6827	1902 Apr. 18	W	13 28	E o 2	4–3	G 61	1904 Nov. 26	MC, ES	II	− ·319	+ 610	+ 445	− ·030	− 446	+ 623	12
83	40	7881	1904 May 21	JJ	13 53	W o 13	3	G 50	1904 Dec. 1	ES, MC	II	− ·292	+ 674	+ 760	− ·054	− 754	+ 686	12
84	50	6726	1902 Mar. 18	M	13 50	o o	2	G 61	1904 Nov. 29	ES, MC	II	− ·163	+ 583	+ 322	+ ·006	− 322	+ 596	11
85	14 0	6727	1902 Mar. 18	M	14 7	W o 7	2	G 61	1904 Dec. 4	ES, MC	II	− ·138	+ 637	+ 244	− ·014	− 240	+ 649	9
86	10	6828	1902 Apr. 18	W	13 49	E o 21	4–3	G 61	1904 Dec. 7	ES, MC	II	− ·176	+ 112	+ 679	− ·042	− 688	+ 123	10
87	20	6766	1902 Apr. 3	M	14 30	W o 10	2–3	G 61	1904 Dec. 9	MC, ES	II	− ·230	+ 594	+ 228	− ·067	− 223	+ 606	12
88	30	6767	1902 Apr. 3	M	14 48	W o 18	2–3	G 61	1904 Dec. 11	ES, MC	II	− ·200	+ 663	+ 236	− ·007	− 228	+ 674	12
89	40	7403	1903 June 6	M	14 41	W o 1	2–3	G 50	1904 Dec. 15	MC, ES	II	− ·131	+ 631	+ 1067	+ ·324	− 1067	+ 644	14
90	50	7404	1903 June 6	M	14 57	W o 7	2–3	G 50	1904 Dec. 18	ES, MJ	II	+ ·037	+ 635	+ 1092	+ ·382	− 1088	+ 647	14
91	15 0	6768	1902 Apr. 3	M	15 6	W o 6	2–3	G 61	1904 Dec. 24	ES, MJ	II	− ·059	+ 677	+ 343	+ ·034	− 340	+ 689	12
92	10	6886	1902 May 27	WW	14 30	E o 40	3–4	G 61	1905 Jan. 3	MJ, ES, MC	II	− ·196	+ 442	+ 600	− ·018	− 617	+ 447	14
93	20	6985	1902 July 18	M	15 27	W o 7	3–4	G 50	1905 Jan. 8	ES, MJ	II	− ·486	+ 564	+ 009	+ ·325	− 005	+ 576	13
94	30	7923	1904 July 2	JJ	14 28	E 1 2	3	G 50	1905 Jan. 12	ES, MJ	II	− ·346	+ 646	+ 313	+ ·062	− 339	+ 641	12
95	40	7924	1904 July 2	JJ	14 42	E o 58	3	G 50	1905 Jan. 17	ES, MJ	II	− ·251	+ 697	+ 117	+ ·046	− 141	+ 694	12
96	50	6986	1902 July 18	M	15 48	E o 2	3–4	G 50	1905 Jan. 22	MJ, ES	II	− ·313	+ 478	+ 711	+ ·280	− 712	+ 491	12
97	16 0	7967	1904 July 22	J	14 52	E 1 8	3	G 50	1905 Jan. 26	MJ, ES	II	− ·295	+ 621	+ 130	− ·068	− 157	+ 612	12
98	10	6988	1902 July 18	M	16 23	W o 13	3–4	G 50	1905 Jan. 30	ES, MJ	II	− ·368	+ 456	+ 035	+ ·187	− 029	+ 468	9
99	20	6979	1902 July 16	W	15 45	E o 35	3	G 50	1905 Feb. 6	MJ, ES	II	− ·274	+ 623	+ 521	+ ·128	− 536	+ 630	12
100	30	6980	1902 July 16	W	16 2	E o 28	3	G 50	1905 Feb. 15	ES, MJ, MC	II	− ·451	+ 571	+ 736	+ ·105	− 748	+ 580	12

83, 84, 85. Gusty wind.

94. Strong wind.

ZONE −46°. *Details of Plates.*

No.	a_0	Plate.	Exposed		Mean Sid. Time.	Hour Angle.	Def.	Réseau.	Measured		Micrometer.	Plate-Constants Applied.						Standards.
			on	by					on	by		*a.*	*S*+*a.*	−*P.*	*b.*	*P*+*β.*	*S.*	
	h m				h m	h m												
101	16 40	6981	1902 July 16	W	16 17	E 0 23	3	G 50	1905 Feb. 26	C, L	I	−0·358	+·000575	+·000455	+0·041	−·000465	+·000585	12
102	50	6982	1902 July 16	W	16 33	E 0 17	3	G 50	1905 Mar. 9	L, C	I	− ·426	+ 497	+ 752	+ ·042	− 760	+ 508	13
103	17 0	9355	1909 July 31	W	16 35	E 0 25	3–4	G 50	1909 Nov. 20	L, C	I	+ ·231	+ 598	+ 2106	+ ·019	− 2117	+ 607	12
104	10	6994	1902 July 22	W	15 38	E 1 32	3	G 50	1905 Mar. 16	L, C	I	− ·147	+ 633	+ 779	+ ·072	− 813	+ 607	14
105	20	8374	1905 Apr. 10	JJ	16 39	E 0 41	4–3	G 50	1906 Mar. 21	L, MC	I	− ·006	+ 692	+ 1619	+ ·225	− 1636	+ 696	14
106	30	8375	1905 Apr. 12	JJ	16 39	E 0 51	2	G 50	1905 Sept. 15	MC, ES	II	− ·140	+ 889	+ 156	− ·178	− 177	+ 889	13
107	40	8376	1905 Apr. 12	JJ	16 55	E 0 45	2	G 50	1905 Sept. 22	ES, MC	II	− ·120	+ 773	+ 071	+ ·156	− 090	+ 776	13
108	50	8378	1905 Apr. 12	JJ	17 28	E 0 22	2	G 50	1906 Mar. 27	L, MC	I	− ·128	+ 826	+ 806	− ·113	− 816	+ 836	12
109	18 0	8377	1905 Apr. 12	JJ	17 12	E 0 48	2	G 50	1906 Apr. 3	L, MC	I	− ·118	+ 815	+ 593	− ·100	− 613	+ 816	13
110	10	8379	1905 Apr. 12	JJ	17 55	E 0 15	2	G 50	1906 Apr. 7	L, MC	I	− ·019	+ 899	+ 405	− ·032	− 412	+ 910	10
111	20	8380	1905 Apr. 12	JJ	18 11	E 0 9	2	G 50	1906 Apr. 14	L, MC	I	+ ·017	+ 758	+ 594	− ·058	− 599	+ 770	10
112	30	8381	1905 Apr. 12	JJ	18 26	E 0 4	2	G 50	1906 Apr. 24	L, ES	I	− ·020	+ 794	+ 480	− ·066	− 482	+ 807	13
113	40	8472	1905 June 24	JJ	17 38	E 1 2	3–4	G 50	1906 May 4	L, ES	I	− ·231	+ 769	+ 167	+ ·197	− 193	+ 764	10
114	50	8499	1905 July 14	JJ	18 1	E 0 49	3–4	G 50	1906 May 8	L, ES	II	− ·076	+ 723	+ 264	+ ·032	− 285	+ 723	13
115	19 0	8474	1905 June 24	JJ	18 13	E 0 47	3	G 50	1906 May 12	L, ES	I	− ·036	+ 608	+ 519	+ ·184	− 539	+ 609	13
116	10	8567	1905 Sept. 19	W	18 58	E 0 12	3	G 50	1906 May 14	L, ES	II	− ·419	+ 552	+ 295	+ ·196	− 301	+ 564	13
117	20	8568	1905 Sept. 19	W	19 22	W 0 2	3	G 50	1906 May 16	L, ES	I	− ·240	+ 472	+ 1020	+ ·078	− 1020	+ 485	12
118	30	7044	1902 Sept. 7	W	18 51	E 0 39	2–3	G 50	1905 Apr. 26	L, C	I	+ ·120	+ 737	+ 1178	+ ·165	− 1195	+ 742	14
119	40	8504	1905 July 14	JJ	19 23	E 0 17	2–3	G 50	1906 May 17	L, ES	I	+ ·026	+ 712	+ 133	+ ·207	− 141	+ 723	13
120	50	7049	1902 Sept. 13	M	19 56	W 0 6	3	G 50	1905 May 4	C, L	I	− ·122	+ 514	+ 950	+ ·198	− 947	+ 526	13
121	20 0	6973	1902 July 15	WW	19 12	E 0 48	2	G 50	1905 May 9	L, C	I	− ·273	+ 604	+ 508	− ·041	− 528	+ 605	12
122	10	8507	1905 July 14	JJ	20 12	W 0 2	2–3	G 50	1906 May 20	L, HT	I	+ ·029	+ 594	− 226	+ ·272	+ 227	+ 607	10
123	20	6974	1902 July 15	WW	19 44	E 0 36	2	G 50	1905 May 11	L, C	I	− ·251	+ 554	+ 803	+ ·046	− 818	+ 560	13
124	30	7050	1902 Sept. 13	M	20 18	E 0 12	3	G 50	1905 May 13	L, C	I	+ ·052	+ 592	+ 433	+ ·218	− 439	+ 604	13
125	40	6976	1902 July 15	WW	20 21	E 0 19	2	G 50	1905 May 16	L, C	I	− ·209	+ 651	+ 058	+ ·194	− 067	+ 662	12
126	50	7631	1903 Oct. 2	M	20 59	W 0 9	2–3	G 50	1905 May 18	L, C	I	− ·483	+ 488	− 552	− ·133	+ 557	+ 500	10
127	21 0	7632	1903 Oct. 2	M	21 9	W 0 9	2–3	G 50	1905 May 20	L, C	I	− ·382	+ 593	− 364	− ·105	+ 369	+ 605	10
128	10	7633	1903 Oct. 2	M	21 19	W 0 9	2–3	G 50	1905 May 22	L, C	I	− ·367	+ 580	− 465	− ·107	+ 470	+ 592	12
129	20	7054	1902 Sept. 13	M	21 42	W 0 22	3	G 50	1905 May 24	L, C	I	− ·092	+ 549	+ 599	+ ·103	− 589	+ 559	13
130	30	7578	1903 Sept. 10	M	21 46	W 0 16	3	G 50	1905 May 27	L, C	I	− ·262	+ 448	− 527	+ ·043	+ 534	+ 459	14
131	40	7579	1903 Sept. 10	M	21 56	W 0 16	2–3	G 50	1905 June 5	L, C	I	− ·042	+ 656	− 272	+ ·065	+ 279	+ 667	11
132	50	6978	1902 July 15	WW	21 4	E 0 46	2	G 50	1905 June 6	L, C	I	− ·374	+ 648	+ 004	+ ·053	− 023	+ 650	14
133	22 0	8101	1904 Sept. 19	W	20 55	E 1 5	3	G 50	1905 June 7	L, C	I	− ·024	+ 615	− 165	− ·006	+ 138	+ 608	11
134	10	8599	1905 Oct. 10	JJ	20 42	E 1 28	3–4	G 50	1906 May 14	C, NM	II	− ·056	+ 497	− 568	+ ·092	+ 535	+ 519	11
135	20	7562	1903 Sept. 1	W	21 47	E 0 33	3	G 50	1905 June 8	L, C	I	− ·181	+ 652	+ 568	− ·004	− 582	+ 659	10
136	30	7563	1903 Sept. 1	W	21 58	E 0 32	3	G 50	1905 June 11	L, C	I	− ·135	+ 571	+ 172	+ ·086	− 186	+ 564	12
137	40	7564	1903 Sept. 1	W	22 9	E 0 31	3	G 50	1905 July 13	MC, C	II	− ·151	+ 637	+ 819	+ ·018	− 832	+ 645	13
138	50	7635	1903 Oct. 2	M	22 25	E 0 25	2–3	G 50	1905 July 16	MC, C	II	− ·325	+ 407	− 586	+ ·315	+ 575	+ 417	10
139	23 0	7636	1903 Oct. 2	M	22 35	E 0 25	2–3	G 50	1905 July 19	MC, C	II	− ·336	+ 629	+ 252	+ ·400	− 263	+ 639	9
140	10	7637	1903 Oct. 2	M	22 45	E 0 25	2–3	G 50	1905 July 22	MC, C	II	− ·174	+ 558	− 432	− ·045	+ 421	+ 568	11
141	20	7638	1903 Oct. 2	M	22 55	E 0 25	2–3	G 50	1905 July 26	MC, C	II	− ·346	+ 702	− 524	+ ·087	+ 513	+ 712	10
142	30	9026	1907 Sept. 19	JJ	23 14	E 0 16	3	G 50	1908 Oct. 17	L, C	I	− ·324	+ 525	− 483	+ ·013	+ 477	+ 532	12
143	40	7639	1903 Oct. 2	M	23 6	E 0 34	2	G 50	1906 May 15	NM, C	II	− ·339	+ 621	− 1543	+ ·055	+ 1529	+ 628	10
144	50	8614	1905 Oct. 11	W	23 6	E 0 44	2–3	G 50	1906 May 27	L, MC	I	− ·200	+ 729	− 297	− ·015	+ 278	+ 726	13

134, 144. Gusty wind.

§ XII.—FORMULÆ FOR THE CONVERSION OF CO-ORDINATES.

If α_0, δ_0 denote the R.A. and Declination of a plate centre, α, δ the true R.A. and Declination of a star whose rectangular co-ordinates, expressed in minutes of arc, are denoted by x, y, the rigorous formulæ connecting the quantities α, δ with x, y may be expressed by means of an auxiliary angle φ, in the form

$$\tan(\alpha-\alpha_0)=x\sec\phi\tan 1'\cos(\phi-\delta_0),$$
$$\tan\delta=\tan\phi\cos(\alpha-\alpha_0),$$

where

$$\tan(\phi-\delta_0)=y\tan 1'.$$

Let

$$\tan\theta=x\tan 1'\sec\phi.$$

Then we have

$$\tan(\alpha-\alpha_0)=\tan\theta\cos(\phi-\delta_0),$$
$$\tan\delta=\tan\phi\cos(\alpha-\alpha_0),$$

from which the following developments may be derived:—

$$\alpha-\alpha_0=\theta-\tan^2\tfrac{1}{2}(\varphi-\delta_0)\sin 2\theta+\tfrac{1}{2}\tan^4\tfrac{1}{2}(\phi-\delta_0)\sin 4\theta+\ldots.$$
$$\delta=\phi-\tan^2\tfrac{1}{2}(\alpha-\alpha_0)\sin 2\phi+\tfrac{1}{2}\tan^4\tfrac{1}{2}(\alpha-\alpha_0)\sin 4\phi+\ldots.$$

Since $\varphi-\delta$, θ are of the order of x and y, on neglecting terms of the 4th and higher orders these formulæ take the approximate forms

$$\alpha-\alpha_0=\theta-\tfrac{1}{2}\theta(y^2\tan^2 1'),$$
$$\delta=\phi-\tfrac{1}{2}x^2\frac{\tan^2 1'}{\tan^2 1''}\tan\phi\cos^2(\phi-\delta_0),$$

or

$$\alpha-\alpha_0=[1-\tfrac{1}{2}y^2\tan^2 1']\tan^{-1}\{x\sin 1'\sec\phi\},$$
$$\delta-\delta_0=\tan^{-1}[y\tan 1']-30\,x^2\tan 1'\tan\phi\cos^2(\phi-\delta_0),$$

which may further be expressed in the form

$$\alpha-\alpha_0=P_1x+P_2$$
$$\delta-\delta_0=y+Q_1x^2+Q_2$$

where if $\alpha-\alpha_0$, $\delta-\delta_0$ are expressed in seconds of time and seconds of arc respectively

$$P_1=4\sec\phi(1-\tfrac{1}{2}y^2\tan^2 1')$$
$$P_2=P_1x-\tan P_1x/\tan 1^s$$
$$Q_1=-30\tan 1'\tan\phi\cos^2(\phi-\delta_0)$$
$$Q_2=\phi-\delta_0-\frac{\tan(\phi-\delta_0)}{\tan 1''}$$

As all the plate centres dealt with in the present volume are confined to the same declination, the quantity φ for these plates depends uniquely on y, and the quantities P_1, Q_1 or their logarithms can thus be simply tabulated as a function of y.

Small subsidiary tables give the values of P_2 and Q_2, the former with argument P_1x as derived in the course of the computation, and the latter with argument y, which only differs from $\varphi-\delta_0$ by quantities of the third order.

Tables giving log P_1, log Q_1 with argument y, and these subsidiary tables as applicable to the co-ordinates contained in this volume are appended.

These tables are sufficient to compute the results with an accuracy exceeding $^{s}\cdot001$ in R.A. and $''\cdot01$ in Declination, but as a rule the final decimal figures may be dropped without detriment.

Examples showing the use of these tables are here given.

$x=-56'\cdot045$	$y=-56'\cdot353$	$x=+51'\cdot655$	$y=+46'\cdot199$
	$=-56'\ 21''\cdot18$		$=+46'\ 11''\cdot94$
$\log P_1=0\cdot767724$	$\log Q_1=7\cdot97015$	$\log P_1=0\cdot754286$	$\log Q_1=7\cdot94426$
$\log x=1\cdot748537n$	$\log x^2=3\cdot49707$	$\log x=1\cdot713112$	$\log x^2=3\cdot42622$
$\log (P_1x)=2\cdot516161n$	$\log (Q_1x^2)=1\cdot46722$	$\log (P_1x)=2\cdot467398$	$\log (Q_1x^2)=1\cdot37048$
$P_1x=-328^{s}\cdot292$	$Q_1x^2=+29\cdot32$	$P_1x=+293^{s}\cdot358$	$Q_1x^2=+23''\cdot47$
$P_2=+\cdot062$	$Q_2=+\cdot30$	$P_2=-\cdot045$	$Q_2=-\cdot16$
$\alpha-\alpha_0=-5^{m}28^{s}\cdot230$	$\delta-\delta_0=-55'\ 51''\cdot56$	$\alpha-\alpha=+4^{m}\ 53^{s}\cdot313$	$\delta-\delta_0=+46'\ 35''\cdot25$

Zone −46°. *Tables for converting x and y to α and δ.*

Argument, y+						*Argument, y−.*					
y.	Log. P_1.		Log. Q_1.		Q_2.	*y.*	Log. P_1.		Log. Q_1.		Q_2.
+ 59′	0·752638	129	7·94097	26	− 0·″35	− 0′	0·760289	131	7·95601	25	0·00
58	2767	128	123	26	·33	1	0420	130	626	25	·00
57	2895	128	149	25	·31	2	0550	131	651	26	·00
56	3023	129	174	26	·30	3	0681	131	677	25	·00
55	3152	129	200	26	·28	4	0812	131	702	25	·00
+ 54	0·753281	129	7·94226	25	− 0·27	− 5	0·760943	131	7·95727	26	0·00
53	3410	129	251	26	·25	6	1074	131	753	25	·00
52	3539	129	277	26	·24	7	1205	131	778	25	·00
51	3668	128	303	25	·22	8	1336	132	803	25	·00
50	3796	129	328	26	·21	9	1468	131	828	25	·00
+ 49	0·753925	129	7·94354	25	− 0·20	− 10	0·761599	131	7·95853	26	0·00
48	4054	129	379	26	·19	11	1730	131	879	25	·00
47	4183	129	405	26	·18	12	1861	132	904	25	·00
46	4312	129	431	25	·16	13	1993	131	929	25	·00
45	4441	129	456	26	·15	14	2124	131	954	25	·00
+ 44	0·754570	129	7·94482	25	− 0·14	− 15	0·762255	132	7·95979	26	+ 0·01
43	4699	130	507	26	·13	16	2387	131	7·96005	25	·01
42	4829	129	533	26	·13	17	2518	132	030	25	·01
41	4958	129	559	25	·12	18	2650	131	055	25	·01
40	5087	129	584	26	·11	19	2781	132	080	25	·01
+ 39	0·755216	130	7·94610	25	− 0·10	− 20	0·762913	131	7·96105	25	+ 0·01
38	5346	130	635	26	·09	21	3044	132	130	25	·02
37	5476	129	661	25	·09	22	3176	132	155	26	·02
36	5605	129	686	26	·08	23	3308	132	181	25	·02
35	5734	129	712	25	·07	24	3440	131	206	25	·02
+ 34	0·755863	130	7·94737	26	− 0·07	− 25	0·763571	132	7·96231	25	+ 0·03
33	5993	129	763	25	·06	26	3703	132	256	25	·03
32	6122	130	788	26	·06	27	3835	132	281	25	·03
31	6252	130	814	25	·05	28	3967	132	306	25	·04
30	6382	129	839	26	·05	29	4099	132	331	25	·04
+ 29	0·756511	130	7·94865	25	− 0·04	− 30	0·764231	132	7·96356	25	+ 0·05
28	6641	130	890	26	·04	31	4363	132	381	25	·05
27	6771	130	916	25	·03	32	4495	132	406	26	·06
26	6901	129	941	26	·03	33	4627	133	432	25	·06
25	7030	130	967	25	·03	34	4760	132	457	25	·07
+ 24	0·757160	130	7·94992	26	− 0·02	− 35	0·764892	132	7·96482	25	+ 0·07
23	7290	130	7·95018	25	·02	36	5024	132	507	25	·08
22	7420	130	043	26	·02	37	5156	133	532	25	·09
21	7550	130	069	25	·02	38	5289	132	557	25	·09
20	7680	130	094	25	·01	39	5421	132	582	25	·10
+ 19	0·757810	130	7·95119	26	− 0·01	− 40	0·765553	133	7·96607	25	+ 0·11
18	7940	130	145	25	·01	41	5686	132	632	25	·12
17	8070	131	170	26	·01	42	5818	133	657	25	·13
16	8201	130	196	25	·01	43	5951	132	682	25	·13
15	8331	130	221	25	·01	44	6083	133	707	25	·14
+ 14	0·758461	130	7·95246	26	0·00	− 45	0·766216	133	7·96732	25	+ 0·15
13	8591	131	272	25	·00	46	6349	132	757	25	·16
12	8722	130	297	25	·00	47	6481	133	782	25	·18
11	8852	130	322	26	·00	48	6614	133	807	25	·19
10	8982	131	348	25	·00	49	6747	133	832	25	·20
+ 9	0·759113	131	7·95373	25	0·00	− 50	0·766880	132	7·96857	24	+ 0·21
8	9244	130	398	26	·00	51	7012	133	881	25	·22
7	9374	131	424	25	·00	52	7145	133	906	25	·24
6	9505	130	449	25	·00	53	7278	133	931	25	·25
5	9635	131	474	26	·00	54	7411	133	956	25	·27
+ 4	0·759766	131	7·95500	25	0·00	− 55	0·767544	133	7·96981	25	+ 0·28
3	9897	130	525	25	·00	56	7677	133	7·97006	25	·30
2	0·760027	131	550	26	·00	57	7810	133	031	25	·31
1	0158	131	576	25	·00	58	7943	134	056	25	·33
0	0289		601		·00	59	8077		081	25	·35

Diff. Log. P_1.

128.	129.		130.	131.
12·8	12·9	·1	13·0	13·1
25·6	25·8	·2	26·0	26·2
38·4	38·7	·3	39 0	39·3
51·2	51·6	·4	52·0	52·4
64·0	64·5	·5	65·0	65·5
76·8	77·4	·6	78·0	78·6
89·6	90·3	·7	91·0	91·7
102·4	103·2	·8	104·0	104·8
115·2	116·1	·9	117·0	117·9

132.	133.		134.
13·2	13·3	·1	13·4
26·4	26·6	·2	26·8
39·6	39·9	·3	40·2
52·8	53·2	·4	53·6
66·0	66·5	·5	67·0
79·2	79·8	·6	80·4
92·4	93·1	·7	93·8
105·6	106·4	·8	107·2
118·8	119·7	·9	120·6

Diff. Log. Q_1.

	24.	25.	26.
·1	2·4	2·5	2·6
·2	4·8	5·0	5·2
·3	7·2	7·5	7 8
·4	9·6	10·0	10·4
·5	12·0	12·5	13·0
·6	14·4	15·0	15·6
·7	16·8	17·5	18·2
·8	19·2	20·0	20·8
·9	21·6	22·5	23·4

P_2. *Arg.*, P_1x.

(P_2 opposite sign to x.)

P_1x.	P_2.	P_1x.	P_2.
s	s	s	s
60	0·000	200	0·014
70	1	210	16
80	1	220	19
90	1	230	21
100	2	240	24
110	2	250	27
120	3	260	31
130	4	270	35
140	5	280	39
150	6	290	43
160	7	300	48
170	8	310	53
180	10	320	58
190	12	330	63
200	·014	340	69
		350	·075

EXPLANATION OF THE CATALOGUE OF RECTANGULAR CO-ORDINATES, ETC.

The plates are arranged in order of Right Ascension and numbered consecutively.

At the head of each plate is given the zone, rotation number of the plate in the zone, epoch, and right ascension of the centre. In the centre of the page is inserted the limiting diameter D, for which the measures have been systematically verified by comparison with an overlapping area (see § IX).

For each plate the stars are arranged in order of the x co-ordinate (approximately that of R.A.), except in the case of the components of a double or multiple star, where this order has been slightly departed from so as to bring the measures of the separate components into juxtaposition. The stars are numbered in rotation for purposes of reference as indicated by the heavy type at the head of each column and the ordinary type in the first column. For easy identification the sign of the x co-ordinate is inserted for the first and sixth stars of each group.

In Column 1—

The figures indicate the ordinal number of the star on the following line.

S denotes a Standard Star.

* that the measured image falls on a réseau line.

† that three images of the star are visible on the plate.

‡ that three images are visible and that the measured image falls on a réseau line.

[, if opposite a single star only, that the star is suspected of duplicity, but that the images of the components are not clearly separated and have been measured as one mass. A note is added when the duplicity was certain but the components not so clearly separated as to be measured separately.

The same symbol, if connecting adjacent lines, indicates that the images have been regarded as components of a double or multiple star, but separately measured.

N or n indicates that the star concerned is referred to in a footnote. N refers to the observations for the present catalogue, n to the C.P.D. results.

M, m, etc., have the same significance as in column 5.

Columns 2, 3 contain the measured rectangular co-ordinates.

The original measures were confined to star images contained within the extreme réseau lines 2, 26, 31, 55, so that the uncorrected co-ordinates lie within the limits $x = \pm 59'{\cdot}8$, $y = \pm 59'{\cdot}8$.

Column 4 contains the observer's estimate of the diameter of the measured image expressed in intervals of the close parallel webs in the micrometer (about $4''\cdot5$) as unit, or, in the case of the fainter stars, the estimated density of the photographic image on a scale, indicated by the prefix of a minus sign, extending from -1 for the brightest stars which fail to attain the full density of the larger images, to -5 for the faintest stars visible. The quantity D is printed in the heading of this column.

Column 5 contains the number of the star in the *Cape Photographic Durchmusterung*, and notes resulting from the revision of the plates, for a full explanation of which reference may be made to § IX. When the mass of two or more consecutive stars is given in the C.P.D., the number and magnitude are printed between the two lines, or the dots (. . .) are omitted on lines adjacent to the number.

Column 6 gives the magnitude of the star extracted from the *Cape Photographic Durchmusterung*.

The initials of the observers, to be interpreted as in § X, are inserted at the foot of the opening page for each plate, together with the rotation numbers of the stars at which an interchange of observers took place.

S. S. HOUGH.

Royal Observatory, Cape of Good Hope,
1916 *May* 12.

ROYAL OBSERVATORY, CAPE OF GOOD HOPE.

RECTANGULAR CO-ORDINATES 1900·0

FOR

ASTROGRAPHIC ZONE -46°

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
1–40					
1				°	
...	−57·648	+30·646	− 5	...	...
...	57·292	+52·089	− 5	...	...
...	56·416	+46·177	− 5	...	...
S *	53·051	−19·555	1·05	46.10611	9·0
...	52·437	−51·694	− 5	...	...
...	−52·242	+40·283	− 3	...	...
...	51·114	− 4·982	0·75	...	...
...	50·840	− 9·116	0·65	...	...
...	50·575	− 6·155	0·75	46.10612	10·2
...	48·368	+52·599	− 3	...	...
11					
..	−47·658	+14·741	− 5	...	...
...	47·453	−37·770	− 2	46.10613	10·2
...	46·914	+48·937	− 5	...	...
S *	46·102	+ 0·922	1·80	46.10614	8·2
...	43·143	− 6·531	− 5	...	...
...	−41·563	+53·768	0·65	...	...
S *	37·652	+21·328	1·05	45.10505	9·2
*	37·020	+ 5·761	1·60	46.10615	8·4
...	36·822	−29·384	− 2	...	...
...	31·618	+11·362	− 3	...	...
21					
...	−31·512	−19·672	0·70	46.10616	10·2
...	31·113	+12·144	− 2	...	...
*	29·244	+10·766	0·90	45.10506	10·0
*	28·666	+22·402	1·00	45.10507	9·6
*	26·871	−58·790	1·05	47.10075	9·6
α *	−26·435	− 0·400	1·15	46.10617	9·0
...	24·543	+14·925	0·65	...	...
...	23·472	− 5·824	− 4	...	...
*	21·289	+11·936	0·90	45.10508	9·8
*	21·039	+ 4·325	1·00	46.10618	9·4
31					
...	−20·223	−37·085	− 4	...	...
...	18·469	+41·684	− 3	...	...
...	15·613	− 8·433	0·65	...	...
...	15·474	+12·260	− 5	...	...
...	15·319	−50·673	− 4	...	...
...	−15·103	+39·593	− 3	...	...
*	12·188	+ 9·263	2·20	45.10510	8·0
...	12·060	−33·950	− 5	...	...
...	11·436	+11·153	0·65	...	...
...	10·481	−17·068	0·80	46.10619	10·2
41–80					
41				°	
...	− 9·455	− 8·600	− 5	...	...
S *	8·915	+37·756	1·15	45.10513	9·2
...	8·889	+54·078	1·00	45.10512	10·0
...	7·392	+44·312	0·70	45.10514	10·2
...	7·325	+52·508	− 5	...	...
...	− 7·298	+ 8·817	− 5	...	...
...	6·935	+ 9·431	− 5	...	...
...	6·216	+ 6·170	0·75	46.10620	10·2
...	5·191	−33·210	0·75	...	...
*	4·846	−44·910	1·00	46.10621	9·8
51					
...	− 4·463	+ 7·111	0·70	46.10622	10·2
...	3·822	+37·952	− 5	...	...
...	2·596	−25·052	− 5	...	...
...	2·440	+ 0·613	0·70	*m*	...
...	-- 0·512	−25·766	− 5	...	...
...	+ 0·618	+ 8·809	− 4	...	...
S *	1·445	−20·535	1·30	46.10623	8·8
...	4·023	+ 0·833	− 3	46.10624	10·2
†	6·247	+ 5·112	0·70	46.10625	10·2
...	7·704	+51·003	− 1	...	...
61					
...	+ 8·094	+50·770	− 3	...	...
...	8·348	+18·512	0·80	45.10517	10·0
...	9·851	−55·521	− 4	...	...
...	13·068	+37·064	− 5	...	...
...	13·322	+44·622	− 3	...	...
...	+13·964	+37·954	0·65	45. 1	10·2
...	15·336	−55·212	− 5	...	...
*	18·347	−25·326	1·05	46. 1	9·2
...	19·074	−59·480	− 4	...	...
...	21·043	−43·138	0·80	46. 2	10·0
71					
*	+22·552	−28·106	0·90	46. 3	9·6
...	23·233	+32·202	− 3	...	...
...	24·027	+ 2·678	− 4	...	...
...	24·051	+26·206	− 1	45. 2	10·2
S *	25·187	+47·857	1·15	45. 3	9·0
*	+26·693	+19·471	2·10	45. 4	7·9
*	27·445	+14·137	0·90	45. 5	9·6
...	28·137	+34·249	− 4	...	...
...	28·511	−42·214	0·65	...	...
...	28·646	−39·817	− 5	...	...
81–101					
81				°	
...	+29·134	−10·949	− 5	...	...
*	29·524	+23·249	1·00	45. 6	9·2
S *	30·879	+ 3·544	1·30	46. 4	8·6
...	31·277	+50·983	0·80	45. 7	10·2
...	33·122	−39·562	− 5	...	...
*	+33·174	+11·469	1·00	45. 8	9·4
*	33·322	−28·238	0·90	46. 5	9·8
...	36·976	−51·008	− 5	...	...
...	37·096	+ 8·899	− 5	*a*	...
...	38·281	+33·981	− 2	...	...
91					
...	+38·960	−53·995	0·70	47. 7	10·0
...	41·327	−22·067	0·75	46. 6	10·0
S ‡	44·945	−18·255	4·90	46. 7	5·7
S *	46·411	−56·196	1·35	47. 9	8·8
...	51·454	−23·112	− 1	46. 8	10·2
S *	+51·652	+46·187	2·30	45. 9	7·5
...	51·734	+17·357	− 3	...	...
...	53·180	+ 2·740	− 5	...	...
...	57·799	+53·532	− 5	45. 10	10·2
...	58·321	−56·382	− 1	...	...
101					
S *	+59·375	+19·411	1·00	45. 11	9·4

NM measured from 1.
ES „ „ 56.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
1–10					
1				°	
S *	−58·673	−18·474	4·80	46. 7	5·7
S *	56·050	−56·359	1·35	47. 9	8·8
S *	54·009	+46·161	2·30	45. 9	7·5
...	53·042	+17·348	− 3	...	...
...	52·051	−23·129	− 2	46. 8	10·2
...	−51·121	+ 2·788	− 5	...	...
...	48·100	+53·688	− 3	45. 10	10·2
...	47·609	+38·986	− 5	...	...
S *	45·462	+19·636	0·95	45. 11	9·4
†	44·230	− 4·688	− 1	...	...
11–20					
11				°	
...	−44·120	−56·149	− 4	47. 11	10·2
†	42·189	+55·213	0·80	45. 12	9·8
...	42·107	+50·596	− 5	...	...
...	42·049	− 5·383	− 5	...	...
...	40·870	−36·653	− 2	...	...
...	−37·743	+56·114	− 5	...	...
...	37·359	−47·698	0·80	46. 9	10·0
...	34·572	+28·102	− 5	...	...
...	33·017	−43·137	− 5	...	...
S *	31·054	−17·245	1·10	46. 10	8·8
21–30					
21				°	
...	−29·314	+37·883	− 5	...	...
...	29·112	− 9·767	− 4	...	...
...	27·240	+18·156	− 3	...	...
...	26·981	−53·599	− 5	...	...
*	23·862	−23·228	1·05	46. 11	9·2
...	−23·815	+ 8·634	− 4	...	...
...	23·530	−18·008	− 4	...	...
...	21·110	−16·764	− 3	...	...
...	20·604	+16·236	− 3	...	...
...	18·502	−39·825	− 5	...	...

ES measured from 1.
NM „ „ 45.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
31–60					
31					
...	−16′329	−25′359	− 4	...	...
*	16·121	−49·189	1·00	46. 12	9·4
...	13·523	+14·094	− 4	...	...
...	13·211	+ 8·209	− 2	46. 13	10·2
...	12·462	+37·914	− 4	...	...
...	−11·891	+ 2·327	− 1	...	...
...	8·237	−41·029	− 5	...	...
...	7·100	+38·553	− 5	...	...
...	6·413	− 6·810	− 5	...	...
*	2·796	−35·402	2·20	46. 14	7·5
41					
...	− 2·704	−27·176	− 5	...	...
...	1·898	+33·896	− 3	...	...
...	1·349	+ 4·245	− 5	...	...
...	− 1·308	+57·917	1·00	45. 14	9·8
*	+ 0·562	−31·997	1·00	46. 15	9·2
S *	+ 1·621	+47·621	1·10	45. 15	9·0
...	2·049	−36·241	0·85	46. 16	10·0
...	3·174	−36·001	0·70	46. 17	10·2
...	3·251	+35·546	− 5	...	...
...	4·334	−48·827	0·70	46. 18	10·0
51					
...	+ 6·743	+41·215	0·70	45. 16	10·2
S *	7·198	−47·710	1·80	46. 19	8·0
...	7·381	+21·972	0·80	45. 17	10·0
...	8·634	+22·275	− 5	...	...
...	10·309	−53·257	− 1	...	...
*	+12·024	−26·004	1·00	46. 20	9·4
S *	15·803	−10·032	1·30	46. 21	8·6
...	16·700	−10·089	− 5	...	...
...	17·772	− 0·271	0·65	...	...
...	18·856	+27·398	− 5	...	...
61–90					
61					
...	+18′995	+24′856	− 3	...	...
...	19·409	− 8·284	− 1	...	...
...	21·588	+20·481	− 2	...	...
...	22·372	+30·352	− 5	...	...
...	23·125	+26·437	− 5	...	...
*	+25·507	+47·474	1·60	45. 19	8·4
*	25·623	−53·486	1·40	47. 19	9·0
...	29·836	−56·752	− 5	...	...
*	30·385	−17·073	1·00	46. 22	9·4
...	30·651	+16·329	0·70	...	...
71					
*	+30·937	+42·391	0·95	45. 20	9·6
*	31·896	−19·265	1·10	46. 23	9·0
*	33·187	+43·892	1·20	45. 21	9·4
...	33·979	−58·193	0·90	47. 20	10·2
...	36·313	−39·443	− 3	46. 24	10·2
...	+36·844	+15·079	0·65	...	...
S *	38·535	−38·533	1·10	46. 26	9·0
*	38·658	−33·421	1·00	46. 25	9·6
...	41·402	−32·692	− 5	...	...
*	42·254	+ 9·585	1·00	45. 22	9·8
81					
S *	+44·274	+10·685	1·20	45. 23	8·5
...	45·426	+52·919	0·65	45. 24	9·8
...	45·856	+50·342	− 5	...	...
...	47·249	+21·299	0·70	...	...
...	47·948	−47·156	− 4	...	...
...	+47·978	+ 5·839	− 5	...	...
...	49·159	−21·379	− 3	...	...
...	52·115	+45·516	0·80	45. 25	10·0
...	52·540	−18·243	0·80	46. 27	10·2
...	52·886	−18·253	− 5	...	...
91–98					
91					
...	+53′127	− 1′211	− 5	...	...
...	53·253	+ 1·567	− 5	...	...
...	54·172	−38·599	− 5	...	...
S *	55·595	−16·492	1·05	46. 28	9·2
...	56·172	−39·997	− 2	...	...
...	+56·514	+54·619	− 4	45. 26	10·0
...	57·533	+50·981	− 5	...	...
*	57·638	+17·208	1·00	45. 27	9·8

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
1–20					
1					
...	−57′642	+21′136	− 3	...	...
...	54·394	−21·448	− 5	...	...
...	53·523	+45·492	− 3	45. 25	10·0
...	51·118	−18·216	0·70	46. 27	10·2
...	49·440	+54·739	− 4	45. 26	10·0
...	−48·855	−38·498	− 5	...	...
...	48·747	−17·430	− 5	...	...
S *	48·107	−16·373	1·05	46. 28	9·2
...	47·134	+17·374	0·85	45. 27	9·8
...	46·783	−39·841	− 1	...	...
11					
...	−45·312	+59·740	− 5	...	...
...	42·721	+48·150	0·85	45. 29	9·8
...	40·714	−57·424	0·85	47. 26	9·8
...	37·503	−16·980	0·70	46. 29	10·2
...	35·870	+29·237	0·70	45. 30	9·8
...	−34·045	−21·552	0·70	...	...
...	33·551	+ 9·594	− 4	...	...
...	32·459	+44·696	− 5	...	...
...	31·921	− 0·292	− 5	...	...
S *	28·529	−51·771	1·70	47. 29	8·9
21–40					
21					
...	−28′396	− 8′115	0·65	...	...
S *	27·690	+47·692	1·70	45. 31	8·6
*	26·100	+55·957	1·00	45. 32	9·8
...	25·996	+ 4·522	− 1	...	...
...	25·855	+33·134	0·70	...	...
...	−23·817	−49·938	− 5	...	...
...	23·747	+31·353	− 5	...	...
...	23·059	+27·896	0·90	45. 33	9·8
*	22·618	−50·414	1·50	46. 30	8·8
...	20·993	+35·659	0·90	45. 34	9·8
31					
...	−19·955	− 5·778	− 1	...	...
*	19·848	− 2·481	1·50	46. 31	8·9
S *	19·478	+25·285	1·20	45. 35	8·8
...	17·022	−21·143	− 5	...	...
...	15·601	+20·946	− 5	...	...
S *	−14·813	−10·635	1·00	46. 32	9·3
*	13·472	−54·243	1·05	47. 33	9·8
*	11·147	−57·575	1·05	47. 34	9·3
*	10·509	+51·272	1·10	45. 36	9·3
*	10·008	− 8·291	0·90	46. 33	9·8
41–60					
41					
...	− 8′947	−27′430	− 5	...	...
...	8·456	−12·878	− 4	...	...
...	3·694	+58·662	0·70	...	...
...	1·391	−51·032	− 3	...	...
...	− 0·730	−37·671	0·75	...	...
...	+ 1·707	+ 5·619	0·80	46. 34	9·8
...	2·838	−24·218	− 5	...	...
S *	3·366	+59·146	1·10	45. 38	9·2
...	4·773	−11·555	− 4	...	...
...	6·775	+28·666	0·90	45. 40	9·6
51					
...	+11·349	− 5·701	0·70	46. 35	9·8
...	13·616	+ 1·254	0·65	46. 36	9·8
...	15·727	−40·762	0·85	46. 37	9·8
...	15·840	+57·881	− 5	...	...
S *	16·260	+ 9·142	1·00	45. 41	9·4
...	+18·271	+45·828	− 4	...	...
...	19·032	−27·730	− 5	...	...
...	19·744	− 5·191	− 4	...	...
...	20·061	−32·970	− 2	...	...
...	20·922	+15·904	− 4	45. 42	9·8

NM measured from 1.
ES ,, ,, 46

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
61–80					
61					
...	+23′·397	−28′·441	0·70	46° 38	9·8
...	24·345	+35·350	− 5	...	...
...	26·974	−48·277	− 5	...	...
S *	27·866	−46·289	1·15	46. 39	9·0
...	28·169	−44·322	− 5	...	...
*	+28·985	+12·602	1·05	45. 43	9·0.
...	30·235	−49·000	− 5	...	...
...	33·443	+ 4·293	− 5	...	...
†	34·873	+18·857	− 1	45. 44	9·8
N *	35·895	−25·362	2·00		
71				46. 41	8·2
N	+35·952	−25·426	0·80		
*	36·135	+ 0·968	1·15	46. 40	9·2
...	36·498	+46·942	0·65	45. 46	9·8
...	36·680	+12·650	− 3	...	...
...	40·157	+49·179	0·70	45. 49	9·8
...	+40·183	+50·550	− 3	45. 48	9·8
S *	42·201	+50·178	2·00	45. 50	8·0
...	42·268	−50·642	− 3	...	...
...	43·841	−25·027	0·80	46. 42	9·8
...	44·228	+45·184	− 3	45. 51	9·8

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
81–93					
81					
S *	+45′·262	+22′·935	1·70	45° 52	8·4
S *	46·299	−14·130	1·90	46. 43	8·0
...	46·729	−26·773	0·70	46. 44	9·8
...	47·520	−35·645	0·90	46. 46	9·4
...	47·658	−40·910	− 3	46. 47	9·8
†	+47·704	+ 5·128	− 3	46. 45	9·8
...	51·210	−28·690	0·90	46. 48	9·6
...	51·704	+ 9·796	0·85	45. 53	9·8
...	52·868	−45·304	0·90	46. 49	9·6
...	54·239	+15·000	− 4	45. 54	9·8
91					
...	+55·864	−40·485	− 4	...	...
...	56·651	−19·745	0·65	46. 50	9·8
...	58·819	+ 0·324	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. ...	C.P.D. No.	C.P.D. Mag.

70, 71. 47°·3, mass.

1–30					
1					
S *	−59′·677	+22′·717	1·80	45° 52	8·4
...	59·605	−25·276	0·65	46. 42	9·8
S *	57·476	−14·309	1·90	46. 43	8·0
...	56·696	+ 4·994	− 3	46. 45	9·8
...	56·650	−26·946	0·65	46. 44	9·8
...	−55·589	−35·777	0·85	46. 46	9·4
...	55·285	−41·034	− 4	46. 47	9·8
†	52·842	+ 9·784	0·90	45. 53	9·8
...	52·110	−28·710	0·90	46. 48	9·6
...	50·473	+15·066	0·65	45. 54	9·8
11					
†	−49·928	−45·265	0·90	46. 49	9·6
...	47·089	−40·354	− 3	...	...
...	46·954	−19·605	0·80	46. 50	9·8
...	46·227	−58·092	− 5	...	...
...	45·411	+ 0·540	− 2	...	...
N	−45·040	−58·040	− 4	B	...
†	43·101	+29·726	− 4	...	...
...	41·971	−37·812	− 4	...	...
...	40·937	+56·812	− 1	45. 55	9·8
...	40·807	+39·620	− 1	...	...
21					
...	−40·731	+29·212	0·70	...	...
...	38·593	−47·308	0·75	...	...
...	38·502	−56·248	− 4	...	...
...	36·595	+18·939	− 1	...	...
S *	35·625	−27·427	1·80	46. 51	8·0
...	−35·372	+12·214	0·70	45. 56	9·8
...	33·920	−50·222	0·70	46. 52	9·8
...	33·603	− 2·976	− 2	...	...
...	33·007	− 6·198	− 3	...	...
...	31·508	+30·676	0·65	45. 57	9·0

31–60					
31					
*	−31′·459	+30′·793	0·90	°	
...	29·865	+37·492	− 3	...	...
...	29·287	−54·416	0·65	47. 52	9·8
...	28·548	+21·404	0·70	...	...
...	27·946	−57·030	− 5	...	...
...	−27·433	+10·273	− 2	...	...
...	24·483	+16·298	− 5	...	...
...	24·286	+ 8·258	− 4	...	...
...	23·679	+35·039	− 5	...	...
...	22·498	+ 8·464	− 3	...	...
41					
...	−21·508	+ 8·315	− 3	...	...
...	20·271	+ 7·978	− 5	...	...
...	16·842	+37·083	0·80	...	...
S *	16·317	+19·988	1·00	45. 58	9·2
...	11·486	+51·221	0·65	45. 59	9·8
...	−11·473	+33·140	− 3	...	...
...	11·190	−20·746	− 2	...	...
...	8·528	−25·448	− 2	...	...
...	7·792	+37·524	− 1	...	...
...	5·405	+51·105	0·90	45. 60	9·3
51					
...	− 5·114	+ 2·818	− 1	...	...
S *	4·046	+ 1·337	2·40	46. 53	7·6
S *	3·259	+48·715	1·20	45. 61	8·8
...	2·571	+17·419	− 5	...	...
...	− 0·534	+45·575	− 3	...	...
...	+ 0·626	−17·644	0·70	...	...
...	1·644	+21·055	0·70	45. 62	9·8
...	5·171	−43·764	− 3	...	...
...	6·152	−45·277	− 5	...	...
...	7·237	− 6·557	− 4	...	...

61–90					
61					
*	+ 8′·176	−18′·451	1·00	46° 54	9·2
...	8·486	+22·521	0·75	45. 63	9·8
S *	9·264	−54·513	1·20	47. 61	8·8
...	9·660	+10·891	0·75	...	...
S *	11·074	+25·734	1·00	45. 64	9·4
...	+11·135	−18·069	− 3	...	...
‡	13·055	+39·672	1·00	45. 65	9·2
...	13·727	−14·135	0·65	...	...
...	17·290	−47·872	− 5	...	...
...	17·683	+ 2·929	− 3	...	...
71					
...	+18·359	−49·759	0·80	46. 55	9·8
*	18·864	+42·994	1·05	45. 67	9·6
...	21·741	+47·558	0·80	45. 68	9·8
...	25·374	+45·685	0·70	45. 69	9·8
...	26·391	+18·715	0·80	...	...
...	+28·710	−15·060	0·70	46. 56	9·8
*	31·459	−55·714	1·00	47. 66	9·6
...	32·836	−17·377	0·65	...	...
*	33·143	+35·575	1·60	45. 71	8·8
...	33·277	−41·267	0·70	...	...
81					
...	+33·694	− 6·633	0·80	46. 57	9·8
...	34·488	−40·553	− 5	...	...
...	36·481	−37·274	0·70	46. 58	9·8
...	37·060	− 2·260	0·85	46. 59	9·6
...	37·514	−52·526	0·65	...	...
*	+38·089	+37·857	1·00	45. 72	9·2
S *	38·249	−27·400	2·50	46. 60	7·2
...	38·456	−49·208	0·70	...	...
†	39·936	+14·707	0·70	...	...
...	40·079	−52·963	0·65	47. 67	9·8

ES measured from 1.
NM ,, ,, 56.

16 Var. L=9 0— < 12.2.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
		91–97			
91					
...	+47·317	−13·890	0·65	...	...
...	49·655	−52·750	0·75	47. 68	9·8
...	50·276	−40·587	1·00	46. 61	9·6
...	50·399	−41·408	− 4	...	...
...	51·829	−51·630	− 5	...	...
S *	+53·765	+38·790	3·00	45. 73	7·4
...	58·276	+56·363	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. ...	C.P.D. No.	C.P.D. Mag.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. ...	C.P.D. No.	C.P.D. Mag.

	1–40				
1					
...	−56·479	−14·036	− 5	...	...
...	52·910	−52·795	− 2	47. 68	9·8
...	52·680	−40·627	0·90	46. 61	9·6
...	52·532	−41·465	− 5	...	...
S *	51·663	+38·828	3·00	45. 73	7·4
...	−50·790	−51·608	− 5	...	...
...	48·082	+ 2·009	− 5	...	...
...	47·739	+56·519	− 5	...	...
...	43·177	−50·080	− 5	...	...
...	42·713	−31·677	0·70	46. 62	9·8
11					
...	−41·720	+47·487	0·80	45. 75	9·8
*	41·546	+26·727	1·00	45. 74	9·6
...	35·176	+49·687	− 1	45. 76	9·8
...	35·117	+50·216	0·85	45. 77	9·8
S ‡ ‡	35·013	−38·224	4·00	46. 63	6·0
...	−32·358	+56·190	− 5	...	...
...	31·197	+ 0·280	− 4	...	...
...	30·547	−17·781	0·65	...	...
...	29·579	−37·584	0·75	...	...
...	29·391	−22·941	− 5	...	...
21					
...	−28·788	+27·446	0·70	45. 78	9·8
...	27·599	+28·961	− 5	...	...
S *	25·055	− 5·992	2·10	46. 64	8·2
*	23·853	+55·089	1·40	45. 79	8·8
...	21·771	+55·172	− 5	...	...
...	−20·380	+24·200	− 3	...	...
S *	19·574	−49·992	1·20	46. 65	8·8
...	19·243	+31·875	0·70	...	...
*	18·704	−20·030	1·60	46. 66	8·6
...	18·311	−45·546	0·70	...	...
31					
...	−17·077	+54·810	0·90	45. 80	9·8
...	15·206	+16·356	0·90	...	...
S ‡ ‡	15·031	+16·194	2·80	45. 81	7·2
†	14·374	−49·651	− 5	...	...
...	12·531	−16·926	− 3	...	...
*	− 8·633	−25·520	1·00	46. 67	9·0
*	7·865	+13·211	0·90	45. 82	9·6
*	3·379	+28·235	1·10	45. 83	8·9
S *	− 3·253	−31·644	1·05	46. 68	8·9
...	+ 0·580	+27·987	− 2	...	...

	41–80				
41					
...	+ 2·207	− 3·219	0·65	46. 69	9·8
...	2·995	+32·522	0·65	45. 84	9·8
S *	5·831	+25·963	1·30	45. 85	8·2
...	6·179	−20·560	− 1	46. 70	9·8
...	8·171	−12·510	− 3	46. 71	9·8
...	+ 8·875	+56·504	− 3	...	...
S *	10·434	+51·536	1·10	45. 86	9·0
*	13·854	− 3·744	0·90	46. 72	9·3
...	17·684	−17·198	− 3	...	...
*	17·791	+40·317	1·00	45. 87	9·2
51					
...	+18·800	+ 4·951	0·65	46. 73	9·8
...	19·395	−38·563	− 5	...	...
...	21·626	−57·100	− 4	...	...
...	23·423	+13·626	− 4	...	...
...	23·853	+52·751	0·80	45. 88	9·8
...	+25·326	+ 2·009	− 1	...	...
...	25·391	+ 3·011	− 3	46. 74	9·8
*	27·648	−51·315	0·90	46. 75	9·2
...	28·168	+32·340	− 3	45. 89	10·2
...	28·863	−46·950	− 4	...	...
61					
...	+30·125	+17·430	− 5	...	...
...	30·624	−48·549	− 1	46. 76	9·8
...	32·436	−52·752	0·90	47. 85	9·4
...	32·874	+34·849	− 4	...	...
...	34·665	+ 1·646	− 4	...	...
...	+35·983	−29·390	0·85	46. 77	9·8
...	36·161	+47·142	− 5	...	...
S *	37·099	+34·101	1·50	45. 90	8·6
S *	38·071	−16·464	1·00	46. 78	9·2
...	38·402	+44·727	− 5	...	...
71					
*	+38·982	− 2·520	0·90	46. 79	9·6
*	41·250	+41·069	1·00	45. 91	9·2
...	45·422	+34·090	− 5	...	...
...	46·149	+15·184	− 5	...	...
...	47·813	+51·564	− 5	...	...
...	+49·297	+36·290	− 2	...	...
...	51·058	−41·515	− 1	...	...
...	51·290	−49·206	− 3	46. 80	10·2
...	53·345	+24·356	− 1	...	...
...	56·080	+ 7·159	− 3	46. 81	10·2

	81–84				
81					
S *	+56·217	−29·503	1·15	46. 82	8·8
...	56·285	+10·982	− 4	...	...
...	56·301	+29·174	− 5	...	...
...	57·167	−29·643	0·70	46. 83	10·0

NM measured from 1.
ES ,, ,, 40.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
1–30					
1	′	′		°	
...	−56·046	+36·171	− 2	...	...
...	51·856	−41·524	− 2	...	...
...	51·633	+24·367	0·65	...	...
...	51·377	−49·212	− 3	46. 80	10·2
...	48·835	+29·277	− 4	...	...
...	−48·371	+ 7·269	− 2	46. 81	10·2
...	48·292	+11·092	− 4	...	...
S *	47·083	−29·355	1·10	46. 82	8·8
...	46·127	−29·472	0·85	46. 83	10·0
...	44·754	−48·408	− 5	...	...
11					
...	−41·548	−28·098	− 1	...	...
...	40·920	+28·328	− 1	...	...
...	40·596	−49·106	− 5	...	...
†	38·784	+30·091	− 2	...	...
...	37·406	−17·339	0·90	46. 84	9·6
...	−37·156	+42·769	0·65	...	...
...	34·608	−57·197	0·65	47. 94	10·0
S *	32·704	−55·657	1·15	47. 95	9·4
*	31·351	−11·619	1·05	46. 85	9·4
...	30·658	+36·188	− 4	...	...
21					
...	−29·141	+ 9·078	− 3	45. 93	10·2
...	26·465	− 6·356	− 1	...	...
...	24·738	−33·235	− 2	...	...
...	22·148	−14·996	− 2	...	...
S *	21·400	+ 6·062	1·15	46. 86	8·8
†	−19·870	+39·591	− 5	...	...
...	19·200	+35·221	− 5	...	...
...	19·066	−48·990	0·90	46. 87	9·5
†	18·104	+40·030	− 4	...	...
...	17·374	+31·101	− 4	...	...
31–60					
31	′	′		°	
...	−15·592	+32·246	− 3	...	...
...	15·570	−10·971	− 5	...	...
S *	15·376	+53·098	1·60	45. 94	8·7
S *	13·351	− 2·963	2·00	46. 88	7·8
*	12·598	+ 8·213	1·00	46. 89	9·4
*	−12·117	−41·610	1·00	46. 90	9·4
...	11·911	+47·535	− 5	...	...
...	10·050	−43·857	− 5	...	...
†	9·946	−55·990	− 5	...	...
*	8·767	+ 2·517	0·95	46. 91	9·4
41					
...	− 6·008	+28·815	− 5	...	...
...	5·058	+27·800	− 3	...	...
...	4·510	+12·857	− 5	...	...
...	3·831	−23·287	− 1	...	...
...	− 2·885	−25·874	0·85	46. 92	9·8
...	+ 1·430	−47·951	− 3	...	...
S *	3·868	+14·292	2·30	45. 96	8·0
...	4·340	+18·166	− 4	...	...
...	8·601	− 8·274	− 5	...	...
...	8·711	−43·223	− 4	...	...
51					
*	+12·878	−41·661	1·00	46. 93	10·2
...	13·276	+43·305	− 5	...	...
...	14·002	−26·909	0·65	...	...
...	18·103	+45·388	0·80	...	...
S *	18·604	−55·218	1·30	47. 105	9·0
...	+19·261	−35·561	0·85	46. 94	10·2
...	19·482	+ 8·580	− 3	...	...
S *	21·225	−26·435	1·05	46. 95	9·0
...	23·776	+47·973	− 5	...	...
...	25·047	−21·466	0·70	...	...
61–84					
61	′	′		°	
...	+25·414	+34·111	0·90	45. 98	10·2
...	26·521	+52·875	− 2	...	...
...	26·903	+22·696	0·80	45. 99	10·2
...	33·475	−47·067	− 4	...	...
...	34·705	+11·590	− 4	...	...
...	+37·101	−46·735	0·70	46. 96	10·2
*	39·232	+28·915	0·95	45. 100	9·6
...	41·903	+ 4·411	0·80	46. 97	10·2
*	44·658	−54·927	1·05	47. 111	9·8
S *	45·636	+25·622	1·10	45. 101	9·2
71					
...	+45·931	+11·377	− 2	...	...
...	46·321	−43·545	− 5	...	...
...	52·516	+41·498	0·85	45. 102	10·0
...	52·600	−12·372	− 4	...	...
...	52·914	−21·485	− 5	...	...
...	+52·975	−17·285	0·80	...	...
...	54·215	−59·163	0·70	47. 115	10·0
S *	54·220	−27·765	1·50	46. 98	8·6
...	54·365	−28·367	− 5	...	...
...	55·170	+31·858	0·75	45. 103	10·2
81					
...	+57·525	+26·212	− 5	...	...
*	59·062	−17·617	1·00	46. 99	9·4
S *	59·281	+20·981	1·50	45. 105	8·6
...	59·379	+26·890	0·85	45. 104	10·2

ES measured from 1.
NM ,, ,, 46.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
1–20					
1	′	′		°	
S *	−59·381	+25·405	1·05	45. 101	9·2
...	58·658	+11·182	− 5	...	...
...	57·822	−55·141	0·85	47. 111	9·8
...	56·518	−43·702	− 5	...	...
...	53·005	+41·491	0·80	45. 102	10·0
...	−51·234	−12·356	− 5	...	...
...	50·709	−17·263	0·70	...	...
...	50·046	+31·927	0·75	45. 103	10·2
S *	49·131	−27·686	1·50	46. 98	8·6
...	48·960	−28·285	− 5	...	...
11					
...	−48·376	−32·050	− 5	...	...
...	48·149	−59·064	0·85	47. 115	10·0
...	47·538	+26·370	− 4	...	...
...	45·686	+27·099	0·85	45. 104	10·2
S *	45·601	+21·198	1·50	45. 105	8·6
...	−44·923	+44·707	− 4	...	...
*	44·709	+39·765	1·00	45. 106	9·8
*	44·621	−17·397	1·00	46. 99	9·4
...	43·446	−17·644	− 5	...	...
*	40·735	+ 8·105	1·60	45. 107	8·6
21–40					
21	′	′		°	
*	−40·525	− 6·039	1·20	46. 100	8·9
...	38·895	+ 8·594	− 5	...	...
...	38·725	+44·430	− 4	45. 109	10·2
...	38·481	+45·230	0·70	45. 110	10·2
...	38·182	+43·681	0·65	45. 111	10·2
...	−38·069	− 2·718	0·90	46. 101	10·2
...	38·034	−18·952	− 5	...	...
...	37·749	+ 9·286	− 5	...	...
*	35·930	−53·104	1·80	47. 117	8·6
...	35·756	−40·989	0·75	...	...
31					
...	−35·023	−30·819	0·80	46. 102	10·2
‡	34·944	+ 9·493	1·15	45. 112	8·9
...	33·197	+24·769	− 4	...	...
...	32·661	+47·316	− 5	...	...
...	32·106	− 3·206	− 4	...	...
...	−31·284	−59·078	0·80	47. 119	10·2
...	29·721	−31·902	0·90	46. 103	10·2
*	28·848	−45·380	2·60	46. 104	7·4
*	28·236	+36·074	0·95	45. 113	9·5
...	25·314	+ 9·554	0·70	45. 114	10·2
41–60					
41	′	′		°	
...	−25·192	+19·405	0·75	45. 115	10·2
...	24·712	+40·653	− 4	...	...
...	23·979	−29·512	0·75	...	...
S *	23·850	+17·333	2·70	45. 116	7·5
...	23·103	+41·444	− 5	...	...
...	−23·053	+40·512	− 5	...	...
...	20·973	−13·190	− 5	...	...
S *	17·273	−56·155	3·30	47. 123	6·4
*	17·198	−36·709	0·95	46. 105	10·0
...	14·832	+25·290	0·70	45. 117	10·2
51					
S *	−14·478	−25·352	1·50	46. 106	8·6
...	11·241	+55·134	− 5	...	...
...	8·507	−16·967	− 5	...	...
...	8·065	−40·073	0·80	46. 107	10·2
S *	4·256	+53·797	1·15	45. 118	9·0
*	− 2·211	−50·187	1·00	46. 108	9·5
...	1·866	−48·890	0·85	46. 109	10·2
...	1·282	−29·947	0·65	...	...
...	− 0·035	+59·368	0·65	45. 119	10·0
...	+ 0·344	−43·836	− 5	...	...

NM measured from 1.
ES ,, ,, 60.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
61–80					
61					
...	+ 5′·376	+ 1′·725	0·70	46°. 110	9·8
...	5·868	−32·023	− 5	...	...
...	6·268	+55·133	0·70	45. 120	10·2
...	7·798	+34·630	0·70	45. 121	10·2
S *	9·506	− 8·668	1·60	46. 111	8·6
...	+11·267	+ 5·003	− 3	...	...
...	12·589	+ 9·715	− 1	...	...
...	14·394	+56·314	0·65	45. 122	10·2
*	16·038	+ 7·140	1·00	46. 112	9·5
...	16·416	−23·365	− 4	...	...
71					
...	+20·217	−55·280	− 3	...	...
S *	21·876	−27·270	1·60	46. 113	8·4
...	22·057	+ 8·666	− 4	...	...
...	24·709	+28·472	− 3	...	...
...	24·876	+24·352	− 4	...	...
*	+26·025	+49·605	1·05	45. 123	9·4
...	27·845	− 5·362	− 4	...	...
*	29·396	−30·980	1·00	46. 114	9·5
...	30·181	−19·483	0·70	46. 115	10·2
...	30·452	+46·030	− 4	...	...
81–100					
81					
*	+32′·078	+52′·818	1·05	45°. 125	9·4
...	34·528	−57·261	− 3	47. 131	10·2
‡	34·892	+33·815	1·25	45. 126	9·2
...	35·369	+37·117	− 5	...	...
S *	35·670	+ 8·890	1·15	45. 127	9·0
*	+35·847	− 1·185	1·15	46. 116	9·4
...	35·990	− 3·528	− 5	...	...
...	36·191	−35·879	0·90	46. 117	10·0
...	37·025	+34·595	− 4	...	...
S *	37·338	+39·308	1·60	45. 128	8·6
91					
...	+42·537	−28·831	− 2	46. 118	10·2
...	45·511	−14·946	− 4	...	...
...	45·776	+43·493	− 5	...	...
...	46·309	− 0·835	− 5	...	...
*	46·811	− 9·425	1·00	46. 119	9·4
*	+50·417	+56·721	1·60	45. 129	8·9
S *	52·575	−48·350	2·00	46. 120	8·2
...	52·934	+24·397	− 2	45. 131	10·2
...	55·820	+36·256	− 5	...	...
...	55·933	+56·942	− 5	45. 132	10·2
101					
101					
*	+59′·350	+57′·778	1·80	45°. 133	8·6

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
1–30					
1					
...	−58′·250	−15′·149	0·65	...	...
...	57·921	+36·912	− 5	...	...
...	57·887	− 1·011	− 2	...	...
...	57·380	− 6·456	− 5	...	...
*	57·120	− 9·594	1·05	46. 119	9·4
*	−55·569	+56·645	1·90	45. 129	8·9
...	55·564	+41·323	− 3	...	...
...	55·414	−35·781	− 4	...	...
...	55·359	+48·244	− 5	...	...
...	54·130	+ 4·045	− 4	...	...
11					
...	−52·055	+24·427	0·85	45. 131	10·2
...	51·967	−12·180	− 4	...	...
...	51·416	+27·581	− 5	...	...
...	50·922	+44·250	− 3	...	...
S *	50·132	−48·307	1·90	46. 120	8·2
...	−50·057	+57·043	0·80	45. 132	10·2
...	49·526	+36·372	− 2	...	...
...	48·813	+19·905	− 3	...	...
*	46·683	+57·987	2·00	45. 133	8·6
...	44·224	+45·879	− 1	...	...
21					
...	−42·296	+45·944	− 1	...	...
S *	42·141	+13·998	1·00	45. 134	9·6
...	41·960	+34·017	0·65	...	...
...	40·787	+18·884	− 4	...	...
...	40·577	+29·849	0·85	45. 135	10·2
S *	−38·774	+42·155	1·05	45. 136	9·5
...	38·373	−52·900	1·00	47. 136	10·2
...	38·335	+49·393	− 5	...	...
...	36·718	+ 3·503	− 5	...	...
...	36·051	+28·222	− 4	...	...
31–60					
31					
...	−35′·875	+57′·426	0·95	45°. 137	10·2
...	35·856	−32·922	− 4	...	...
...	35·696	+32·893	− 5	...	...
...	34·462	−57·955	− 4	...	...
...	32·029	− 3·925	− 1	...	...
†	−31·761	+10·109	− 5	...	...
...	31·694	+52·692	− 4	...	...
...	31·514	−36·426	− 5	...	...
‡	29·721	+ 0·041	1·90	46. 121	8·4
...	29·343	+23·197	− 5	...	...
41					
...	−28·947	+22·150	0·65	...	...
S *	27·556	−26·595	1·80	46. 122	8·7
...	26·836	+49·159	0·80	...	...
...	26·396	+37·047	− 3	...	...
...	26·234	+48·655	− 5	A	...
S *	−24·977	−57·613	1·70	47. 138	8·8
N *	24·530	+58·218	1·80	45. 138	8·7
...	24·070	−56·439	− 1	...	...
...	23·971	+32·276	− 3	...	...
...	21·937	−51·603	− 1	...	...
51					
...	−19·625	−51·171	0·80	46. 123	10·2
...	17·456	−44·905	− 4	...	...
...	17·180	−10·889	1·30	46. 124	9·5
...	15·690	− 0·332	− 4	...	...
...	15·683	+45·884	− 5	...	...
...	−15·006	+30·910	− 2	...	...
...	14·062	+19·651	− 5	...	...
...	13·802	−51·841	− 2	...	...
...	13·714	−51·821	− 3	...	...
...	11·823	+42·665	− 4	...	...
61–90					
61					
...	−11′·240	+30′·652	− 4	...	...
...	9·241	+45·788	− 2	...	...
...	9·073	+43·620	− 2	...	...
...	9·072	−38·176	− 2	...	...
...	8·877	−22·164	− 4	...	...
...	− 5·916	−58·962	− 1	...	...
...	5·215	+35·847	− 4	M	...
*	4·696	−58·246	1·60	47. 142	8·4
...	3·732	+32·323	− 3	...	...
...	− 0·829	− 1·332	1·05	46. 125	10·2
71					
...	+ 2·232	+47·019	− 2	...	...
S *	2·682	+12·148	2·20	45. 141	8·4
S *	3·274	−20·019	1·50	46. 126	9·4
...	4·832	+32·193	− 5	...	...
...	6·717	+31·128	0·80	45. 142	10·2
...	+ 6·945	−37·860	0·70	...	...
*	7·049	− 3·925	6·00	46. 127	6·1
...	7·099	−27·558	1·00	46. 128	10·2
...	7·319	−39·738	0·65	...	...
S *	7·813	+51·010	2·40	45. 143	8·0
81					
...	+ 8·232	+49·370	0·75	...	...
n *	11·711	−21·483	1·20	46. 129	9·2
n	11·881	−21·511	0·75		
*	12·731	+ 1·686	1·30	46. 130	9·8
*	15·003	+59·558	1·05	45. 144	9·8
*	+15·632	+21·808	1·50	45. 145	9·4
...	17·232	−30·335	0·70	...	...
...	17·376	− 1·082	− 2	...	...
...	18·058	+51·281	0·80	...	...
...	18·133	+57·654	0·75	...	...

ES measured from 1.
MJ ,, ,, 71.

47 45° 7. Mass of double.
82, 83. C.P.D., probably mass.

Notes	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
91–110					
91					
...	+19·049	− 7·353	0·90	...	...
...	19·534	+44·595	0·70	...	...
...	19·855	−18·389	0·75	...	...
...	20·523	−11·220	− 4	...	...
...	23·303	+22·588	0·80	...	...
...	+23·761	+48·475	0·75	...	...
*	29·602	−20·216	1·05	...	...
...	30·802	+58·223	− 3	...	...
...	32·335	+40·645	− 2	...	...
...	32·717	+49·340	0·70	...	...
101					
...	+33·150	+31·307	0·65	...	...
...	33·335	+53·161	0·75	...	...
*	33·805	+ 2·909	1·00	46. 131	10·2
...	34·218	+51·540	− 4	...	...
...	34·297	+ 3·565	− 4	...	...
S *	+34·599	−42·116	2·50	46. 132	8·1
...	36·562	−39·526	− 2	...	...
...	36·807	−18·192	0·95	46. 133	10·2
*	38·019	+ 7·170	1·80	46. 134	9·2
...	38·711	+40·915	− 2	...	...
111–130					
111					
*	+44·055	−45·295	1·00	46. 135	10·2
...	44·145	−35·988	1·00	...	...
...	44·345	+23·907	0·70	...	...
...	44·551	−58·325	− 3	*m*	...
S *	46·203	−41·042	1·95	46. 136	8·6
...	+47·095	−28·437	0·75	...	...
...	47·381	−53·240	0·75	...	...
S *	47·601	+31·898	1·85	45. 146	8·8
...	49·527	+26·541	0·70	...	...
...	49·881	+ 5·177	0·70	...	...
121					
...	+51·025	− 0·306	0·80	*f*	...
...	51·787	−26·117	− 2	...	...
...	52·267	−30·105	0·80	...	...
*	52·788	+21·557	1·05	45. 147	10·0
...	53·616	− 3·532	0·70	...	...
*	+53·907	−19·362	1·00	46. 137	10·2
...	55·093	+52·229	− 4	...	...
...	56·464	− 7·524	− 2	...	...
...	57·227	−33·246	1·00	...	...
...	57·254	+34·301	0·65	...	...
131–136					
131					
...	+57·280	−48·049	0·75	*e*	...
...	58·843	+44·868	0·65	...	...
S *	58·903	+ 0·442	1·80	46. 138	8·6
*	59·341	−30·663	1·05	46. 139	10·2
*	59·470	−44·955	1·00	46. 140	10·2
...	+59·604	−15·692	0·75	...	...

1–30					
1					
*	−58·936	−36·216	0·95	...	...
*	58·725	−45·510	1·00	46. 135	10·2
S *	57·624	+31·748	1·80	45. 146	8·8
S *	56·712	−41·203	2·00	46. 136	8·6
...	56·216	−28·575	0·80	...	...
...	−55·542	+26·447	0·65	...	...
...	55·159	−53·362	0·75	...	...
...	54·525	+ 5·103	0·70	...	...
†	53·699	+15·033	− 2	...	...
...	53·196	− 0·343	0·75	F	...
11					
*	−52·113	+21·565	1·00	45. 147	10·0
...	51·613	−26·121	− 2	...	...
...	51·019	−30·083	0·75	...	...
...	50·507	− 3·485	0·65	...	...
*	49·710	−19·306	1·10	46. 137	10·2
...	−48·054	+34·445	0·65	...	...
...	47·528	− 7·376	0·65	...	...
...	46·798	+45·056	0·65	...	...
*	45·960	−33·063	0·90	...	...
...	45·435	−47·849	0·80	E	...
21					
S *	−45·342	+ 0·659	1·80	46. 138	8·6
...	44·143	−15·439	0·80	...	...
*	43·919	−30·417	1·00	46. 139	10·2
...	43·899	+ 3·147	0·95	46. 141	10·2
*	43·350	−44·694	1·00	46. 140	10·2
...	−42·952	−35·942	0·75	...	...
...	42·099	+20·542	0·75	...	...
*	40·959	− 9·428	1·10	46. 142	9·4
...	40·295	+51·334	0·95	...	...
... [	40·219	−27·390	− 4	...	...
31–60					
31					
†	−39·976	−14·682	0·65	...	...
...	38·599	−28·542	0·75	...	...
...	37·484	−52·461	− 4	M	...
...	37·232	+19·435	0·75	...	...
...	37·023	+48·912	0·80	...	...
...	−34·302	−43·917	0·90	...	...
...	33·936	+21·124	0·65	...	...
...	31·630	−31·102	− 5	M	...
...	30·884	+20·497	− 2	...	...
S *	30·748	−16·906	1·80	46. 143	8·8
41					
...	−30·492	−11·543	0·80	...	...
...	30·262	−17·283	0·70	...	...
‡	29·908	+18·434	0·90	45. 148	10·2
S ‡	29·816	+20·096	3·00	45. 149	7·4
...	27·755	+11·161	0·70	...	...
*	−26·416	+48·816	1·50	45. 150	9·0
...	24·825	−50·758	− 1	...	...
...	24·552	−53·247	− 3	...	...
...	23·347	+44·489	− 4	...	...
...	23·059	+ 6·510	0·75	...	...
51					
...	−22·837	+29·366	− 3	...	...
S ‡	22·083	−44·762	2·60	46. 144	7·6
...	22·068	−35·933	− 3	...	...
...	21·800	+37·646	− 4	...	...
...	21·060	− 9·154	− 4	...	...
...	−20·597	−35·959	0·65	...	...
...	20·489	+23·456	− 2	...	...
...	18·210	+30·681	0·65	...	...
*	17·812	+ 9·595	1·20	45. 152	9·6
...	17·131	+39·397	− 1	...	...
61–90					
61					
*	−16·515	−49·349	1·20	46. 145	9·8
...	16·398	+11·722	0·90	...	...
...	14·101	+47·919	− 1	...	...
...	11·525	+18·357	1·00	45. 153	10·2
...	11·462	+33·614	0·65	...	...
*	−11·411	+48·390	1·20	45. 154	9·0
...	10·612	+43·346	0·65	...	...
...	7·910	−32·227	0·85	...	...
...	7·250	+20·597	− 2	...	...
...	6·565	− 6·336	− 1	...	...
71					
...	− 5·422	−32·290	0·75	...	...
...	4·612	− 5·955	− 3	...	...
...	− 2·151	−35·044	0·90	...	...
...	+ 1·624	+50·313	− 3	...	...
...	1·688	−20·891	− 5	...	...
S *	+ 2·603	−14·570	2·60	46. 146	8·4
*	3·216	+33·000	1·00	45. 156	10·2
S *	3·775	+57·039	3·40	45. 157	7·2
...	5·670	− 5·904	0·95	46. 147	10·2
...	5·831	+32·273	0·65	...	...
81					
...	+ 6·395	− 6·551	− 5	M	...
...	6·613	+50·339	0·65	...	...
*	7·688	− 7·957	1·90	46. 148	8·6
...	7·819	−32·098	− 4	...	...
*	9·610	−26·825	1·70	46. 149	8·8
...	+ 9·698	−38·390	− 3	...	...
*	9·737	−27·736	1·80	46. 150	8·4
...	10·120	+41·274	− 2	...	...
...	10·293	−15·871	− 5	...	...
...	13·339	− 3·795	− 4	...	...

MJ measured from 1.
ES ,, ,, 74.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
91–110					
91					
*	+13′·454	− 8′·462	1·20	46° 151	9·8
...	14·730	−36·666	− 3	...	...
...	15·010	+40·623	− 4	...	...
‡	17·711	−24·865	2·10	46. 152	8·2
...	18·040	+19·637	− 4	...	...
...	+18·291	+ 3·566	− 3	...	...
...	19·006	+11·426	− 3	...	...
*	20·593	+47·219	1·25	45. 158	9·2
...	22·196	−17·709	− 5	...	...
...	22·245	−19·474	− 4	...	...
101					
...	+22·907	−57·714	− 4	...	...
*	23·993	−18·157	1·05	46. 153	9·8
...	24·110	+10·938	− 5	*a*	...
...	24·481	+18·126	− 1	...	...
...	25·591	−16·582	− 3	...	...
...	+25·859	−52·483	− 3	...	...
...	26·137	+56·589	0·65	...	...
...	26·209	−39·258	0·65	...	...
...	28·019	−51·203	0·70	...	...
...	28·364	+30·573	− 4	...	...
111–130					
111					
*	+28′·633	+40′·377	0·90	45° 159	10·2
...	29·220	−25·022	− 4	...	...
...	31·018	−16·174	− 2	...	...
...	31·563	+ 1·243	− 5	...	...
...	31·689	−55·388	− 5	*m*	...
...	+32·842	+49·566	− 3	...	...
...	33·144	+44·202	0·90	45. 160	10·2
S *	33·201	−22·097	3·10	46. 154	7·4
...	33·827	+ 9·389	− 5	...	...
S *	34·071	−40·390	3·00	46. 155	7·2
121					
...	+35·450	+ 2·143	− 5	...	...
*	35·792	−45·450	1·50	46. 156	9·2
...	36·168	+ 6·971	− 5	...	...
...	36·790	− 8·837	− 2	...	...
...	38·449	−19·259	− 5	...	...
...	+38·791	+55·409	− 5	*b*	...
n	38·821	+52·187	0·65	45. 161	9·8
n *	38·886	+52·289	1·00		
...	39·355	+41·416	− 5	...	...
...	39·505	+55·429	0·70	...	...
131–147					
131					
...	+39′·694	+11′·887	1·00	45° 162	9·8
S ‡	39·930	+24·010	1·25	45. 163	8·6
...	42·371	+30·029	− 1	...	...
...	45·821	−20·838	− 5	...	...
...	45·946	−57·801	− 4	*m*	...
...	+46·774	+32·239	− 3	...	...
...	48·340	+ 6·523	0·65	...	...
...	50·771	−42·043	− 5	*m*	...
...	51·614	−25·732	− 5	...	...
...	52·913	− 4·806	− 3	...	...
141					
...	+53·248	−20·679	− 2	...	...
...	53·475	+13·300	− 3	...	...
S *	55·622	+39·979	1·60	45. 165	8·8
...	56·657	−52·817	− 5	...	...
...	57·252	+57·276	0·85	45. 166	10·2
...	+59·544	−41·058	− 5	...	...
*	59·592	−18·862	0·95	46. 157	10·2

127, 128. C.P.D. possibly mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
1–30					
1					
...	−58′·470	+32′·057	− 4	...	...
...	56·093	+ 6·401	0·65	...	...
...	51·179	+13·329	− 3	...	...
...	50·335	−20·647	− 3	...	...
S *	49·842	+40·066	1·40	45. 165	8·8
...	−48·788	+57·402	0·65	45. 166	10·2
...	44·064	−18·611	0·90	46. 157	10·2
...	43·812	+ 8·302	− 3	...	...
...	43·608	− 7·209	0·85	46. 158	10·2
...	43·394	−40·807	− 5	...	...
11					
...	−43·280	+34·396	0·65	...	...
...	42·348	−13·276	− 4	...	...
...	42·304	−43·873	− 1	...	...
...	41·866	−25·663	0·90	46. 159	10·2
...	41·501	+39·434	− 4	...	...
*	−40·100	+12·730	0·90	45. 167	9·8
...	39·642	−20·376	0·75	...	...
...	38·189	+15·640	− 3	...	...
...	36·723	− 7·097	0·80	46. 160	10·2
...	34·199	+ 4·422	− 4	...	...
21					
...	−32·617	+ 2·033	− 5	A	...
S ‡	31·546	−54·597	1·50	47. 174	8·6
...	31·515	+15·136	− 5	A	...
...	31·403	−37·277	− 1	...	...
...	30·704	+19·305	− 3	...	...
...	−30·547	− 5·855	− 5	M	...
...	30·403	+ 4·389	− 1	...	...
...	29·855	+27·889	− 3	...	...
*	29·365	+49·656	2·30	45. 168	7·4
...	28·562	−50·375	− 4	...	...
31–60					
31					
...	−28′·489	+11′·435	− 4	...	...
N	28·189	− 3·074	− 3	...	...
S *	27·030	− 5·560	4·10	46. 161	6·3
...	26·959	+36·250	0·75	45. 169	10·2
‡	24·675	−24·798	1·10	46. 162	9·0
*	−24·534	+55·634	1·40	45. 170	9·4
...	23·971	+16·295	− 5	...	...
...	23·510	−17·858	− 1	...	...
...	21·535	−10·179	− 5	M	...
...	21·014	+32·983	− 3	...	...
41					
...	−18·124	+38·893	0·80	...	...
*	18·059	+41·477	1·00	45. 171	9·8
...	17·872	−28·366	− 5	...	...
*	17·855	+39·585	1·00	45. 172	9·8
*	17·696	−38·881	1·30	46. 163	9·0
S *	−16·190	+44·801	1·50	45. 173	8·4
...	15·915	+32·615	− 4	...	...
...	15·109	−54·335	0·70	...	...
...	14·642	− 4·378	− 3	...	...
*	14·334	+47·528	0·95	45. 174	10·0
51					
S *	−13·999	−25·726	1·15	46. 164	9·0
...	12·577	+27·604	− 4	...	...
...	8·246	−41·587	− 5	...	...
...	8·024	+ 4·279	− 1	...	...
*	7·040	+42·380	1·15	45. 175	9·4
...	− 5·642	+28·126	− 5	M *m*	...
...	4·466	− 9·471	− 3	...	...
...	3·397	−23·740	− 5	*m*	...
*	1·943	+44·055	1·15	45. 177	9·4
...	1·096	+47·472	− 3	...	...
61–90					
61					
...	− 0′·719	−19′·350	0·75	46° 165	10·2
...	0·495	+10·912	− 4	A *m*	...
*	− 0·038	+50·786	0·90	45. 178	10·0
†	+ 0·141	−58·391	− 5	...	...
...	0·862	−35·265	− 5	...	...
S *	+ 1·114	−12·349	2·70	46. 166	7·2
...	1·903	+15·698	− 5	M *m*	...
...	2·412	−49·391	0·65	...	...
...	5·877	−16·865	− 2	...	...
...	6·146	−16·900	− 5	M *m*	...
71					
*	+ 6·287	− 4·655	0·95	46. 167	9·8
...	6·691	−22·972	0·65	...	...
...	8·178	+58·975	0·90	45. 181	10·2
...	8·820	−22·140	− 4	...	...
...	11·166	+21·820	− 5	...	...
...	+11·228	+39·389	− 5	...	...
...	11·489	−53·838	− 5	*m*	...
...	11·687	−15·454	0·70	...	...
...	12·066	−22·324	0·80	...	...
...	12·455	− 5·076	− 5	*m*	...
81					
...	+12·600	+51·289	− 5	...	...
...	14·687	+25·258	0·65	...	...
...	16·007	−21·118	0·80	...	...
...	18·080	−49·701	− 5	*m*	...
...	18·239	+38·389	− 5	...	...
†	+18·680	+10·189	− 4	...	...
...	18·806	− 4·646	− 5	*m*	...
...	19·398	−19·633	0·70	...	...
...	21·489	+19·213	0·65	...	...
...	21·552	−55·987	0·70	...	...

ES measured from 1.
NM ,, ,, 65.

32. No sign of duplicity. 47° 9, two stars.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
91–110					
91					
...	+21′·772	+58′·638	0·70	° ...	...
...	23·975	+ 7·371	− 5	*m*	...
...	24·396	+27·338	− 5	*m*	...
...	24·486	+27·811	− 5	...	...
S *	25·963	+40·965	1·60	45. 182	8·4
*	+26·555	+47·983	1·00	45. 183	10·2
...	28·639	+ 8·311	− 5	*m*	...
...	30·664	−29·098	− 5	...	...
...	30·799	+41·090	− 4	...	...
...	31·279	+35·787	0·65	...	...
101					
...	+31·966	+53·105	− 5	...	...
...	32·880	−41·881	− 3	*m*	...
...	33·119	−25·445	0·65	...	...
*	33·431	−11·430	1·60	46. 168	8·6
...	34·469	+21·680	− 5	...	...
*	+36·205	−49·327	1·60	46. 169	9·2
...	36·279	+38·528	0·70	...	...
...	36·331	−21·865	0·65	...	...
...	36·482	−50·973	− 5	*m*	...
...	37·240	+ 1·616	0·65	...	...
111–130					
111					
...	+37′·925	−16′·888	− 5	° *m*	...
...	38·032	+ 5·564	0·70	...	...
...	38·941	−24·992	− 5	*m*	...
...	39·698	+48·983	− 5	...	...
S ‡	39·995	−35·821	2·20	46. 170	7·2
*	+40·649	+20·818	1·00	...	...
...	41·129	−40·700	0·80	...	...
...	41·234	−21·420	− 1	...	...
...	41·669	+33·850	− 4	...	...
...	42·268	−55·279	− 1	...	...
121					
*	+42·322	− 5·015	1·00	46. 171	10·2
...	42·414	+39·951	− 5	*a*	...
...	44·030	+23·977	0·70	...	...
*	44·941	− 8·735	1·60	46. 172	8·6
...	45·854	− 0·545	0·80	...	...
...	+46·475	−45·333	− 5	*e*	...
*	46·692	+36·409	1·70	45. 185	8·8
S *	47·552	+53·454	2·30	45. 186	7·7
...	47·616	+ 4·170	− 5	*e*	...
n	47·655	+14·763	0·80	45. 187	10·2
131–143					
131					
n	+47′·727	+14′·516	0·70	°	
*	48·251	−56·210	1·00	47. 193	10·2
...	48·924	+15·355	− 5	...	...
S *	49·651	−17·331	1·90	46. 173	8·1
*	49·854	−30·517	1·00	46. 174	10·2
...	+50·375	−17·664	0·85	...	...
...	51·315	−38·472	− 5	*e*	...
...	52·325	+ 1·027	0·85	...	...
...	53·093	−43·018	− 5	*m*	...
...	53·128	+38·761	− 4	...	...
141					
...	+53·368	−18·745	0·65	...	...
...	58·337	− 1·789	− 5	*m*	...
...	58·787	−44·911	0·70	...	...

130, 131. C.P.D. possibly mass.

1–30					
1					
*	−59′·007	− 8′·950	1·50	46. 172	8·6
*	58·681	+36·227	1·70	45. 185	8·8
...	58·364	− 0·740	0·70	...	...
S *	58·342	+53·294	2·50	45. 186	7·7
n	57·023	+14·625	0·80	45. 187	10·2
n	−56·954	+14·375	0·70		
...	56·739	+ 4·028	− 5	E	...
...	56·309	−45·498	− 5	E	...
...	54·429	−56·430	− 5	M	...
...	54·221	−56·294	0·70	47. 193	10·2
11					
S *	−54·024	−17·400	1·90	46. 173	8·1
*	53·426	−30·575	0·90	46. 174	10·2
...	53·296	−17·728	0·70	...	...
...	52·321	+38·773	− 5	...	...
...	52·277	+14·854	− 5	M	...
...	−51·928	+ 1·033	0·80	...	...
...	51·725	−38·474	− 5	E	...
...	51·497	−24·958	− 5	M	...
...	50·858	+39·697	− 5	M	...
...	50·391	+ 4·315	− 4	...	...
21					
...	−50·276	−18·697	− 1	...	...
*	44·332	+46·905	1·00	45. 188	10·2
...	44·051	−44·692	0·75	...	...
...	44·002	+23·298	− 5	M	...
...	43·349	+ 5·157	0·85	46. 175	10·2
...	−42·993	−38·719	0·75	...	...
...	42·521	+26·026	− 5	M	...
S *	39·716	+27·227	1·70	45. 189	8·0
*	39·667	+27·144	1·00		
*	38·392	+52·535	1·05	45. 190	9·4
31–60					
31					
...	−38′·110	−31′·417	0·65	° ...	...
...	38·061	+27·552	− 5	M	...
*	37·816	+59·197	1·15	45. 191	9·4
...	36·931	+19·425	− 5	...	...
...	36·665	+41·959	0·75	...	...
...	−35·889	+32·605	0·70	...	...
...	34·688	+12·070	0·85	45. 192	10·2
...	34·323	−24·121	− 5	M	...
...	34·148	+54·698	− 5	M	...
...	33·802	−11·541	− 5	...	...
41					
...	−33·070	+16·628	− 5	M	...
...	32·577	−45·573	− 5	M	...
*	31·941	+ 5·415	1·00	46. 176	9·0
...	31·911	+52·140	− 4	...	...
...	31·678	−46·081	− 5	M	...
...	−30·760	−22·398	0·65	...	...
...	30·361	−22·967	− 5	M	...
S *	27·484	+ 4·420	1·15	46. 177	8·6
S *	26·458	−30·882	1·80	46. 178	7·7
...	24·480	−42·318	− 4	M	...
51					
...	−23·416	+ 9·055	− 4	...	...
...	19·316	+58·862	1·00	45. 193	10·2
...	18·783	+30·892	− 1	...	...
...	18·527	−43·033	− 1	...	...
...	18·036	−14·119	− 4	...	...
...	−17·949	−24·348	− 2	...	...
*	17·924	+18·496	1·00	45. 194	9·6
...	17·898	+11·076	− 2	...	...
*	17·007	+ 5·105	1·10	46. 179	9·0
...	15·906	− 8·721	− 4	...	...
61–90					
61					
S *	−13′·952	+36′·680	1·70	° 45. 195	8·5
...	13·557	+58·523	0·75	...	...
...	11·957	−47·289	0·90	46. 180	10·2
...	11·277	− 8·871	0·80	46. 181	10·2
...	10·218	−53·467	0·90	47. 202	10·2
...	− 9·460	−53·882	0·95	47. 203	10·2
...	9·345	−25·584	− 5	M	...
...	9·133	−20·146	− 3	...	...
...	8·287	+39·340	− 4	...	...
...	7·024	+59·903	− 4	...	...
71					
...	− 6·365	−49·105	− 5	M	...
...	6·035	−50·498	− 4	...	...
...	4·847	+34·726	− 4	...	...
...	3·420	+17·942	− 4	...	...
...	1·778	− 8·078	− 4	M *m*	...
*	− 0·387	+59·084	1·00	...	...
*	0·377	− 7·339	0·95	46. 182	9·6
...	− 0·073	− 7·112	− 5	M *m*	...
...	+ 1·063	+57·967	− 5	...	...
...	1·374	+39·152	− 5	M	...
81					
...	+ 1·496	−33·322	− 4	M	...
...	1·879	+38·364	− 5	M *m*	...
...	2·546	−16·676	0·65	...	...
S *	2·554	− 6·911	1·70	46. 183	8·2
...	2·699	−34·921	− 5	M *m*	...
...	+ 2·833	−39·564	− 5	M *m*	...
...	3·228	−49·936	− 5	...	...
*	3·334	+26·396	0·95	...	...
...	3·821	+47·537	− 5	...	...
*	4·102	+25·087	0·95	...	...

NM measured from 1, 79.
ES ,, ,, 48, 147.

5, 6. C.P.D., possibly mass.

Notes	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
91–120					
91					
…	+ 4·591	+57·226	− 3	…	…
*	4·746	+14·518	2·00	45. 196	8·0
…	4·755	−41·847	0·80	…	…
†	4·999	+40·363	− 4	…	…
†	5·017	+28·047	0·70	…	…
…	+ 5·243	+ 1·287	− 5	M *m*	…
…	5·277	+ 3·047	− 5	M *m*	…
…	5·364	−40·058	− 5	M	…
…	5·681	+46·255	− 5	…	…
…	6·071	+23·541	− 5	M	…
101					
…	+ 6·437	− 6·011	− 3	M *m*	…
…	6·904	+24·343	0·65	…	…
…	8·223	−48·088	− 4	…	…
…	8·230	+ 2·435	− 5	…	…
…	10·617	+31·418	− 4	…	…
…	+10·798	−10·002	− 5	*m*	…
…	11·302	+22·731	0·70	…	…
*	11·362	−33·933	1·30	46. 184	9·4
…	11·798	+ 7·035	− 5	…	…
…	12·126	−47·428	− 3	…	…
111					
…	+12·392	−19·828	− 2	…	…
…	12·418	−10·457	− 5	*m*	…
S ‡	12·444	+25·088	1·80	45. 197	7·8
…	13·671	−49·743	− 2	…	…
…	13·798	+31·577	− 4	…	…
…	+14·256	−55·764	0·80	…	…
…	14·699	+30·681	− 4	…	…
…	15·797	−12·742	0·70	…	…
…	16·443	+29·331	− 5	…	…
…	16·924	−51·557	− 1	…	…
121–150					
121					
…	+16·940	−36·425	0·95	…	…
…	17·032	−15·837	− 5	*m*	…
…	20·535	−31·903	0·65	…	…
…	21·007	−22·112	− 5	*m*	…
…	21·354	−51·982	− 4	…	…
S *	+21·737	+12·495	1·90	45. 198	7·8
…	21·949	+12·823	− 5	…	…
…	22·499	− 4·460	0·75	…	…
…	22·770	+ 9·714	− 5	…	…
S *	23·045	+38·672	1·10	45. 199	9·2
131					
…	+24·543	−16·290	0·65	…	…
*	24·984	−44·451	0·85	…	…
…	25·491	+ 4·638	0·90	…	…
*	25·786	+49·588	1·05	…	…
…	26·144	+59·956	0·80	…	…
…	+26·534	+37·428	0·70	…	…
*	26·621	+11·350	0·90	…	…
…	26·891	−18·793	− 2	…	…
…	26·957	− 4·471	− 5	*m*	…
…	27·298	− 7·685	− 3	*m*	…
141					
*	+27·303	−40·919	1·00	…	…
…	27·742	−50·032	− 5	*m*	…
…	27·843	−51·083	− 5	*m*	…
…	27·966	+ 6·583	− 5	…	…
*	28·154	+12·299	0·95	…	…
…	+28·723	+39·020	0·80	…	…
…	29·993	−29·359	− 3	…	…
…	33·563	−33·369	− 4	…	…
…	34·786	−38·297	0·70	…	…
S *	36·442	−45·563	1·90	46. 185	7·7
151–180					
151					
…	+36·597	+22·934	− 5	…	…
…	36·605	+17·740	− 4	…	…
…	36·674	−39·639	− 4	…	…
*	37·222	−33·507	1·30	46. 186	9·2
…	37·268	+19·996	− 5	…	…
S *	+38·492	−13·212	1·60	46. 187	8·4
…	39·458	+33·079	− 5	…	…
…	40·838	+ 3·807	0·70	…	…
*	41·010	−14·248	1·00	46. 188	10·0
…	41·050	−44·208	0·70	…	…
161					
…	+42·672	+11·958	− 3	…	…
…	43·649	+41·891	− 5	…	…
*	44·713	+ 2·478	0·90	…	…
…	45·098	+59·612	0·80	…	…
*	46·839	−29·425	1·00	…	…
…	+49·196	−34·418	− 1	…	…
…	50·020	+18·212	− 5	…	…
…	50·601	− 7·636	− 4	…	…
†	51·489	−29·776	0·80	…	…
…	52·022	−10·011	0·70	…	…
171					
…	+52·388	− 0·274	− 4	*e*	…
†	53·756	−34·680	0·90	…	…
‡	53·781	−59·618	2·20	47. 211	8·4
…	54·932	−36·262	− 5	…	…
…	56·343	−14·227	− 3	…	…
…	+56·856	−27·971	− 5	*e*	…
*	57·399	−21·666	1·00	…	…
…	57·772	+46·688	− 5	…	…
…	58·842	−39·919	− 5	…	…
S *	59·405	+41·496	1·40	45. 200	9·0

Notes	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
1–20					
1					
‡	−59·581	+ 2·255	0·90	…	…
*	56·474	−29·562	0·90	…	…
…	55·028	+15·616	− 5	…	…
…	53·947	−34·485	− 1	…	…
…	53·396	− 7·679	− 3	…	…
…	−51·902	−10·009	0·75	…	…
…	51·836	− 0·264	− 3	E	…
…	51·827	−29·768	0·90	…	…
†	49·380	−34·590	0·95	…	…
‡	48·583	−59·525	2·00	47. 211	8·4
11					
…	−48·171	−36·159	− 5	…	…
…	47·931	+46·834	− 4	…	…
…	47·444	−14·085	− 3	…	…
…	46·494	−27·802	− 4	E	…
*	46·160	−21·486	1·05	…	…
S *	−46·121	+41·711	1·25	45. 200	9·0
…	43·123	+51·581	− 1	…	…
…	42·080	−45·269	− 3	…	…
…	40·665	+39·778	− 3	…	…
…	38·540	−37·382	− 2	…	…
21–40					
21					
*	−36·546	−38·554	1·00	…	…
*	33·672	− 9·038	1·05	46. 189	9·2
…	32·623	−30·115	− 5	M	…
…	32·527	+37·969	0·95	…	…
…	31·266	−17·688	− 3	…	…
…	−31·250	−48·103	0·70	…	…
…	30·062	−35·654	0·70	…	…
*	27·448	+ 1·953	2·40	46. 190	7·4
…	26·984	+12·735	− 5	…	…
…	26·585	+26·408	0·80	…	…
31					
…	−26·536	−13·096	− 3	…	…
…	24·462	+ 6·631	− 3	…	…
…	23·488	−57·717	− 5	…	…
…	22·991	+36·127	− 3	…	…
S *	22·656	−15·911	1·80	46. 191	8·2
…	−22·655	+35·420	− 2	…	…
…	22·275	−10·821	− 3	…	…
…	21·907	+56·921	0·85	…	…
…	20·552	−55·861	− 5	…	…
…	20·472	−55·070	− 5	…	…
41–60					
41					
…	−18·841	−23·547	− 3	…	…
*	14·690	+ 1·038	1·00	46. 192	10·0
…	13·814	+38·979	− 3	…	…
*	13·784	−41·986	1·00	46. 194	10·0
*	13·736	−16·434	1·35	46. 193	9·2
…	−11·746	+40·756	0·80	…	…
…	11·604	+10·283	− 2	…	…
…	11·114	+40·584	0·80	…	…
…	10·218	+ 7·940	− 4	…	…
…	9·384	+32·369	− 5	…	…
51					
*	− 9·351	−53·684	1·00	…	…
…	9·272	+ 2·000	0·80	…	…
…	8·763	−25·359	− 5	M	…
…	8·054	−19·286	− 2	…	…
†	7·975	−29·643	− 4	*m*	…
S *	− 7·968	+55·229	1·00	45. 201	10·0
…	7·962	−26·233	0·70	…	…
…	7·739	+40·655	− 2	…	…
…	7·140	+12·235	− 3	…	…
…	5·435	+ 9·773	0·80	…	…

ES measured from 1.
NM „ „ 71.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
61–100					
61	′	′	°		
...	− 5·121	−29·319	− 1	...	...
...	3·828	−23·209	− 4	*m*	...
S *	3·733	−47·531	3·70	46. 195	6·3
...	3·609	+20·071	− 4	...	...
...	3·450	−31·605	0·80	...	...
...	− 3·161	−27·568	− 5	M *m*	...
...	2·283	−23·673	− 3	...	...
...	2·088	−46·629	− 4	...	...
...	1·571	−30·534	0·65	M	...
...	− 1·005	+45·973	− 2	...	...
71					
...	+ 0·859	−34·517	− 4	...	...
...	1·011	+20·420	− 5	...	...
...	1·398	−23·387	− 5	*m*	...
*	2·139	− 2·330	0·95	...	...
...	2·763	−43·591	− 1	...	...
S *	+ 3·129	−27·602	1·60	46. 196	8·4
...	3·397	−44·389	− 4	...	...
...	4·589	−38·491	− 5	M *m*	...
*	4·686	−49·822	1·00	...	...
...	5·520	−10·765	− 4	M *m*	...
81					
...	+ 5·600	+37·033	− 3	...	...
...	5·863	+28·652	0·75	...	...
*	6·650	+46·784	0·90	...	...
‡	10·222	+27·425	1·00	...	...
...	10·700	+42·650	− 3	...	...
...	+12·003	+34·808	0·75	...	...
*	13·107	−18·332	1·00	...	...
...	13·527	+28·564	− 4	...	...
...	13·760	−52·658	− 5	...	...
...	13·773	−58·483	− 5	*m*	...
91					
...	+13·867	−24·451	− 5	*m*	...
...	15·265	−33·275	0·80	...	...
...	15·422	− 9·191	− 4	*m*	...
...	15·514	+15·837	0·65	...	...
*	15·991	+ 8·311	0·95	...	...
...	+17·128	−31·745	− 5	*m*	...
...	17·808	+11·021	− 5	...	...
...	18·125	+ 6·470	0·70	...	...
*	19·276	+47·766	1·00	...	...
*	20·740	− 3·517	1·05	46. 197	10·0
101–140					
101	′	′	°		
...	+20·955	+30·377	− 5	...	...
...	21·528	+30·627	− 5	...	...
*	21·536	+42·364	1·00	45. 202	10·0
...	22·014	+ 2·335	− 5	...	...
...	22·620	+ 2·755	0·85	...	...
S *	+22·682	− 6·975	1·00	46. 198	10·0
...	23·826	−27·616	− 5	*m*	...
...	24·659	+46·541	0·70	...	...
...	25·740	−22·511	− 5	*m*	...
...	25·860	−16·108	0·65	...	...
111					
...	+26·509	−30·956	0·80	...	...
S *	26·770	+41·336	1·80	45. 203	8·4
...	26·947	−26·974	0·80	...	...
...	27·871	−27·417	− 5	*m*	...
...	28·096	+10·603	0·65	...	...
...	+28·234	+21·909	0·90	...	...
...	28·887	+ 6·592	− 3	...	...
...	29·645	−55·807	− 5	...	...
*	30·190	−32·837	1·00	...	...
...	31·776	−46·608	− 1	...	...
121					
...	+32·763	+ 0·929	0·70	...	...
...	33·957	+ 1·807	0·70	...	...
...	34·404	−32·313	− 4	*m*	...
...	37·343	+36·929	0·75	...	...
...	37·587	+51·973	− 2	...	...
...	+37·604	−26·246	0·65	...	...
*	39·701	−48·288	1·05	...	...
...	39·905	+58·381	− 1	...	...
...	40·955	−11·915	0·65	...	...
...	43·831	+23·651	− 5	...	...
131					
...	+44·170	− 2·534	− 5	*m*	...
...	44·619	+42·504	0·85	...	...
†	45·018	+24·741	0·70	...	...
...	45·839	+54·911	0·80	...	...
...	45·847	+11·847	− 5	...	...
...	+46·251	+16·145	0·70	...	...
...	46·362	−50·394	− 5	*m*	...
...	48·416	+ 2·440	− 5	...	...
...	48·539	+ 2·511	− 3	...	...
...	49·369	−39·215	− 5	*m*	...
141–153					
141	′	′	°		
†	+49·986	−30·274	0·65	...	...
...	50·999	+53·956	− 4	...	...
...	51·156	+35·316	− 4	...	...
...	52·429	+56·080	1·10	...	...
...	52·772	+51·754	0·70	...	...
...	+53·548	+51·389	− 4	...	...
...	53·867	+41·603	0·70	...	...
S *	55·811	+45·840	2·40	45. 204	8·2
...	56·538	−27·013	− 5	*m*	...
...	57·214	−34·909	0·65	...	...
151					
...	+57·952	−52·582	− 3	...	...
S * [	58·076	−45·423	1·80	46. 199	8·6
*	58·205	+ 8·573	1·00	45. 205	10·0

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
1–10					
1	′	′	°		
...	−58·757	+11·646	− 5	...	...
...	58·498	+15·962	0·70	...	...
...	56·243	−53·682	− 5	M	...
...	55·915	+ 2·337	− 4	...	...
...	55·794	+ 2·420	− 2	...	...
...	−54·953	+53·897	− 5	...	...
...	54·207	+35·291	− 5	...	...
...	53·593	+56·071	0·95	...	...
...	53·282	−30·311	0·70	...	...
...	53·099	+51·758	− 4	...	...
11–20					
11	′	′	°		
...	−52·321	+51·418	− 4	...	...
...	51·689	+41·652	− 1	...	...
...	50·349	− 4·272	− 4	M	...
S *	49·867	+45·939	2·00	45. 204	8·2
...	47·613	−12·678	− 5	M	...
*	−46·309	+ 8·768	1·00	45. 205	10·0
...	45·938	−34·733	0·80	...	...
S ‡	44·723	−45·190	1·50	46. 199	8·6
...	44·650	−52·356	− 2	...	...
*	43·629	− 3·948	1·10	46. 200	9·2
21–30					
21	′	′	°		
*	−42·955	+16·638	1·00	...	...
* [	42·923	+58·057	1·40	45. 206	8·4
* [	42·867	+57·931	1·40		
...	41·305	−17·093	− 5	M	...
...	40·842	−24·019	− 5	M	...
...	−40·269	+23·568	− 5	...	...
...	39·167	+42·385	0·80	...	...
...	38·251	−33·366	− 5	M	...
...	37·120	−38·026	− 4	...	...
...	36·992	+ 5·087	− 4	...	...

NM measured from 1, 74.
ES „ „ 43, 111.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
31–70					
31					
...	−36′·268	−50′·076	− 5	°M	...
†	36·266	+ 0·234	0·70	...	...
...	35·807	+51·625	0·85	...	...
...	34·717	−22·865	− 5	M	...
...	34·468	+17·997	− 3	...	...
‡	−34·024	+60·001	1·05	45. 207	10·0
...	33·572	−47·493	− 4	M	...
...	33·494	−19·804	0·70	...	...
*	31·642	+19·112	1·00	45. 208	9·6
...	31·339	+11·092	0·70	...	...
41					
...	−31·199	−37·064	− 5	M	...
*	30·989	−21·268	1·00	...	...
...	29·298	+ 4·948	− 5	...	...
...	25·965	+31·906	− 5	...	...
...	25·236	+40·309	− 2	...	...
S *	−24·345	+48·210	3·20	45. 209	6·4
...	23·375	+ 7·284	− 4	...	...
*	22·005	−23·292	0·85	...	...
*	21·028	−12·610	0·95	46. 201	9·6
...	20·512	−48·590	0·65	...	...
51					
*	−19·907	+25·306	0·90	...	...
S *	18·601	−19·098	2·10	46. 202	7·4
...	17·280	−35·570	0·65	...	...
...	17·011	−45·152	− 3	...	...
...	16·647	+53·938	− 3	...	...
*	−16·245	−40·824	0·95	46. 203	10·0
†	14·773	+28·120	− 4	...	...
...	14·092	− 7·088	− 1	...	...
...	13·690	+58·694	0·80	...	...
...	13·448	+38·859	0·70	...	...
61					
...	−12·827	+56·817	− 5	...	...
...	11·500	−22·629	− 1	...	...
...	10·465	−58·166	− 1	...	...
...	10·423	+13·278	− 5	...	...
...	8·961	−46·327	0·65	...	...
*	− 8·682	+32·614	1·00	45. 210	9·6
...	7·697	−52·191	− 4	...	...
...	7·371	−41·847	− 4	...	...
...	6·245	+ 4·113	− 5	...	...
...	4·117	+19·846	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
71–110					
71					
...	− 2′·745	− 8′·283	− 5	°M m	...
...	2·618	+17·634	0·75	...	...
*	− 1·018	+ 6·342	2·40	46. 204	7·4
...	+ 0·260	+40·716	0·85	...	...
...	1·075	−23·888	− 3	...	...
S *	+ 1·605	−51·387	1·40	46. 205	8·5
*	1·906	+56·800	1·20	45. 211	9·8
...	2·010	+21·338	− 4	...	...
...	2·645	+58·288	− 4	...	...
...	3·133	+19·296	0·80	...	...
81					
...	+ 4·882	−26·273	0·65	...	...
*	6·727	−34·162	1·00	46. 206	9·2
...	7·935	+ 9·470	0·70	...	...
...	8·761	+31·634	− 5	...	...
...	10·269	−42·861	− 3	...	...
...	+11·326	+34·527	0·85	...	...
...	12·923	+54·313	0·70	...	...
...	13·595	+11·085	− 4	...	...
...	14·781	+45·907	− 5	...	...
...	14·992	+51·776	− 5	...	...
91					
...	+16·528	−28·358	− 4	...	...
...	16·722	+22·755	0·65	...	...
...	17·870	+ 3·455	0·75	...	...
*	20·159	−50·810	1·50	46. 207	9·4
...	21·128	+32·855	− 5	...	...
...	+21·275	+33·334	− 3	...	...
...	21·342	−46·276	− 1	*a*	...
*	22·746	+17·171	1·05	45. 213	9·4
S *	23·176	+21·340	1·05	45. 214	9·6
...	24·064	−25·404	0·70	...	...
101					
S *	+24·666	−10·461	1·15	46. 208	8·8
...	24·798	− 6·781	− 5	*m*	...
...	25·196	+15·777	− 4	...	...
*	25·736	−24·362	0·95	...	...
...	26·365	−41·381	0·65	*a*	...
...	+26·711	+ 0·482	− 5	...	...
...	28·589	−35·729	− 3	...	...
...	29·011	−58·403	− 5	*m*	...
...	29·422	+ 5·981	− 4	...	...
...	29·640	− 6·943	− 4	*m*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
111–147					
111					
...	+30′·293	+13′·980	− 5	° ...	...
...	30·561	−16·758	− 5	*m*	...
*	31·074	− 3·499	1·00	46. 209	10·0
...	36·144	−28·639	− 4	...	...
...	37·377	−10·941	− 5	*m*	...
...	+37·736	+ 6·413	− 4	...	...
...	37·827	+54·982	− 4	...	...
...	38·283	− 2·484	− 4	...	...
...	40·332	+ 7·536	0·65	...	...
...	40·721	− 6·759	− 5	*m*	...
121					
...	+42·372	+ 8·580	− 2	...	...
...	43·157	−26·628	0·75	...	...
...	43·646	+13·344	− 4	...	...
...	44·465	+34·439	− 4	...	...
...	44·894	−15·046	0·65	...	...
...	+45·152	−30·249	0·65	...	...
*	45·728	+11·423	1·00	45. 215	9·8
*	46·142	−51·145	1·80	46. 210	8·9
...	47·911	+ 3·789	− 4	...	...
...	48·571	+ 1·439	− 4	...	...
131					
...	+48·628	−42·202	− 5	...	...
...	49·254	+51·536	0·75	...	...
*	50·505	− 7·065	0·80	...	...
...	52·265	−15·613	− 2	...	...
S *	52·610	−50·993	1·90	46. 211	8·4
...	+53·139	+48·777	− 1	...	...
...	53·183	−24·189	− 2	...	...
...	53·853	− 2·475	− 1	...	...
...	55·050	− 5·124	− 5	...	...
...	55·587	−59·521	− 1	...	...
141					
...	+56·097	−15·536	− 4	...	...
...	58·149	− 1·338	− 5	*m*	...
*	58·409	− 9·593	1·30	46. 212	9·0
S *	58·828	+ 3·163	2·40	46. 213	6·8
S *	58·970	−29·302	1·60	46. 215	8·8
*	+58·986	−12·375	1·40	46. 214	8·9
...	59·034	−25·106	− 3	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
1–10					
1					
...	−58′·855	−15′·252	0·65	° ...	...
*	58·841	+11·219	1·00	45. 215	9·8
... [	58·122	−30·448	− 1	...	...
...	56·582	+51·410	− 1	...	...
*	56·486	−51·309	2·00	46. 210	8·9
...	−56·422	+ 3·651	− 5	...	...
...	55·697	+ 1·335	− 5	...	...
...	53·499	− 7·099	0·85	...	...
...	52·612	+48·776	− 3	...	...
...	51·463	−15·604	− 2	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
11–20					
11					
...	−50′·289	−24′·143	− 2	° ...	...
...	50·287	− 2·420	0·70	...	...
S *	50·028	−50·951	2·10	46. 211	8·4
...	49·036	− 5·027	− 4	...	...
...	48·873	+23·331	− 5	...	...
...	−47·642	−15·408	− 4	...	...
...	46·777	−59·403	− 1	...	...
...	45·898	+23·214	− 5	...	...
*	45·525	− 9·387	1·40	46. 212	9·0
S *	45·488	+ 3·372	2·50	46. 213	6·8

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
21–30					
21					
‡	−44′·860	−12′·148	1·30	° 46. 214	8·9
...	44·420	−24·868	− 3	...	...
S *	44·346	−29·063	1·50	46. 215	8·8
...	43·110	+58·630	− 5	...	...
...	42·976	+31·371	− 5	...	...
...	−42·253	− 0·280	− 3	M	...
*	41·692	− 7·430	0·85	...	...
...	41·420	−11·667	− 5	M	...
...	40·289	−41·205	− 1	...	...
...	40·230	−44·333	0·65	...	...

ES measured from 1, 95.
NM ,, ,, 47, 125.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
31–80					
31					
...	−40·093	−44·396	− 5	...	...
...	39·590	−52·956	0·95	47. 234	10·0
...	38·109	−42·495	0·95	...	...
S *	37·669	− 6·079	1·30	46. 216	8·6
...	37·456	+25·625	− 5	...	...
...	−37·380	− 1·636	− 4	...	...
...	37·291	+54·785	− 1	...	...
*	36·483	−54·991	2·20	47. 235	8·2
...	36·402	+52·067	− 4	...	...
*	35·612	+ 4·669	2·50	46. 217	7·6
41					
S *	−35·499	+43·668	1·60	45. 217	9·0
*	35·230	−44·852	1·05	46. 218	10·0
†	34·757	+46·750	− 5	...	...
...	30·601	−32·351	− 1	...	...
...	30·276	−19·435	0·65	...	...
...	−30·134	−50·161	− 1	...	...
†	29·542	−39·720	− 2	...	...
...	29·422	+42·693	0·80	...	...
...	28·592	+20·766	− 5	...	...
...	28·262	+16·408	− 4	...	...
51					
...	−27·588	+29·293	− 4	...	...
*	27·479	−31·429	1·50	46. 219	9·2
...	27·036	+10·046	0·80	...	...
S *	25·715	+10·577	2·00	45. 219	8·0
...	24·988	+44·624	− 3	...	...
...	−23·618	− 7·879	− 5	M	...
...	23·295	−58·755	− 1	...	...
...	22·559	+14·109	− 5	...	...
...	21·323	− 8·743	− 5	M	...
...	20·757	+ 7·174	0·75	...	...
61					
...	−20·502	+43·985	0·70	...	...
...	19·965	+ 7·679	0·65	...	...
...	19·576	−26·278	− 5	M	...
*	18·848	+57·821	0·95	...	...
*	18·652	+19·849	1·00	45. 220	9·8
...	−18·573	−25·139	0·85	...	...
...	18·548	−10·863	− 5	M	...
*	17·734	−22·221	0·90	...	...
...	17·395	+20·776	− 5	...	...
*	16·203	+23·986	1·20	45. 221	9·0
71					
...	−15·265	−18·516	− 4	M	...
...	14·715	+32·132	− 3	...	...
...	13·794	−28·824	0·70	...	...
...	13·582	+21·503	0·65	...	...
*	13·525	−44·860	1·00	46. 220	10·0
...	−12·683	+ 0·250	− 5	α	...
...	12·437	+23·234	− 5	...	...
...	11·761	+22·811	0·70	...	...
*	11·529	+18·944	1·10	45. 223	9·2
...	10·993	+20·825	− 5	...	...
81–130					
81					
*	−10·808	+24·064	0·95	...	...
*	9·203	+46·338	1·00	45. 224	10·0
...	8·338	−27·888	− 3	...	...
...	7·268	−46·039	0·95	...	...
...	5·673	+50·217	− 5	...	...
...	− 4·840	−23·823	− 4	*m*	...
...	4·733	−15·067	0·80	...	...
...	3·985	−28·887	− 5	*m*	...
...	2·925	+20·450	0·70	...	...
...	2·596	+ 9·313	− 1	...	...
91					
...	− 2·352	−35·122	− 4	*m*	...
...	2·349	+43·711	− 5	...	...
...	1·580	−11·315	0·85	...	...
*	− 1·223	−35·760	0·85	...	...
...	+ 3·212	−14·061	− 3	...	...
...	+ 5·778	+12·868	− 5	...	...
S *	7·686	+58·286	1·70	45. 226	8·8
S *	8·461	−30·564	1·00	46. 221	9·6
...	8·783	−27·960	− 5	*m*	...
...	10·229	+14·617	− 2	...	...
101					
...	+12·280	−12·600	− 2	...	...
...	12·324	+10·014	0·65	...	...
...	12·429	−57·825	− 2	...	...
...	14·099	+ 4·335	0·70	...	...
...	14·693	+51·056	− 4	...	...
...	+16·140	−45·153	0·65	...	...
...	16·759	−45·271	− 3	...	...
...	17·845	− 7·323	− 2	...	...
†	19·960	−52·808	− 4	...	...
*	20·630	+47·817	1·70	45. 227	8·6
111					
...	+20·717	+58·164	− 5	...	...
...	22·798	−43·355	1·00	46. 222	10·0
...	23·159	+14·629	− 3	...	...
...	23·474	+56·758	0·95	45. 228	10·0
...	24·309	+19·245	− 4	...	...
...	+25·874	+52·025	− 4	...	...
...	25·945	−21·448	0·90	46. 223	10·0
...	26·157	−25·939	− 4	*m*	...
...	26·259	−29·092	− 4	*m*	...
...	26·425	− 8·621	− 3	...	...
121					
...	+27·018	− 6·288	− 5	*m*	...
...	27·018	− 7·044	− 5	*m*	...
...	28·445	−24·951	− 3	...	...
...	29·537	+ 2·193	− 5	...	...
...	30·551	− 5·301	0·90	...	...
...	+30·779	−10·188	0·85	...	...
...	31·562	−43·632	− 3	...	...
S *	32·860	−10·833	1·05	46. 224	9·6
...	33·879	−40·468	0·70	...	...
...	33·973	+22·438	− 1	...	...
131–161					
131					
...	+34·164	+35·657	0·70	...	...
...	34·330	+ 3·190	0·90	...	...
...	36·621	−56·853	− 4	...	...
S *	36·748	+46·221	1·20	45. 229	9·1
...	37·405	−11·421	− 3	...	...
...	+37·432	−19·568	− 5	...	...
...	37·900	+58·923	− 4	...	...
...	37·955	−49·270	− 4	...	...
...	40·815	−42·321	0·75	...	...
...	40·940	+26·509	− 5	...	...
141					
...	+45·438	+19·031	0·75	...	...
...	47·052	−35·894	0·65	...	...
...	47·157	+37·047	− 5	...	...
...	48·162	−46·948	0·95	...	...
...	49·553	− 5·315	0·65	*e*	...
...	+49·677	− 4·626	0·90	...	...
...	49·875	+23·335	0·70	...	...
S *	51·900	−44·261	1·10	46. 225	9·8
...	52·549	−10·482	0·90	...	...
...	52·982	+25·144	0·70	...	...
151					
*	+53·392	+ 3·882	1·00	46. 226	10·0
...	53·403	−23·722	− 5	*m*	...
...	53·494	+24·520	− 4	...	...
...	53·974	−18·424	− 5	...	...
...	54·601	+47·504	− 5	...	...
†	+54·940	+19·982	0·65	...	...
...	55·248	−26·197	0·65	...	...
*	56·594	−27·288	1·05	46. 227	10·0
...	57·061	−35·231	− 5	*m*	...
S *	58·446	− 8·016	1·30	46. 228	8·8
161					
*	+58·987	+22·303	1·00	45. 230	9·8

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
1-40					
I	′	′		°	
...	−59·383	+18·806	− 4	...	...
...	56·053	−36·039	− 5	...	...
...	54·602	−47·040	0·85	...	...
...	54·502	− 5·385	− 5	E	...
...	54·396	− 4·694	0·85	...	...
...	−52·029	+25·146	− 4	...	...
...	51·358	−10·472	0·85	...	...
*	50·957	+ 3·907	1·00	46. 226	10·0
S	50·930	−44·244	1·10	46. 225	9·8
†	49·922	+20·070	0·70	...	...
II					
...	−48·154	−26·095	− 5	...	...
...	46·796	−55·406	− 5	M	...
*	46·779	−27·134	1·05	46. 227	10·0
*	45·927	+22·506	1·00	45. 230	9·8
S *	45·539	− 7·820	1·30	46. 228	8·8
...	−42·713	+49·255	− 5	...	...
...	41·498	+50·777	− 5	...	...
...	38·435	+28·848	0·90	45. 231	10·0
...	36·353	−16·162	0·65	...	...
...	34·381	+43·132	0·95	45. 232	10·0
21					
...	−33·890	+17·464	− 5	...	...
...	32·433	−31·343	0·80	...	...
...	32·354	+55·880	− 4	...	...
...	32·015	+29·629	− 2	...	...
...	29·370	+29·026	0·80	...	...
S *	−27·245	+ 3·809	1·30	46. 229	8·6
...	25·555	+30·339	0·65	...	...
...	24·541	−43·518	− 4	...	...
...	22·878	+ 3·385	0·85	...	...
...	20·940	−32·638	− 4	...	...
31					
...	−20·875	+37·249	0·80	...	...
...	20·353	+49·385	− 1	...	...
†	19·909	+59·385	− 1	...	...
*	19·784	−32·320	1·00	46. 230	10·0
...	16·758	+26·355	− 1	...	...
...	−16·542	+ 9·752	0·75	...	...
...	15·180	−29·628	0·80	...	...
S *	15·167	−55·417	1·70	47. 258	8·6
...	11·912	− 2·356	− 4	...	...
...	10·784	− 8·879	− 2	...	...
41-80					
41	′	′		°	
†	− 9·989	+38·468	0·90	45. 234	10·0
...	8·187	+43·028	− 3	...	...
*	7·588	+ 1·437	1·00	46. 231	9·8
...	7·407	− 1·066	0·70	...	...
S *	5·860	+28·123	1·15	45. 235	9·0
...	− 5·391	−36·629	− 3	...	...
...	3·157	−18·898	− 5	*m*	...
...	2·805	+46·868	0·95	45. 236	10·0
...	2·763	+40·317	− 5	*m*	...
...	− 1·851	−24·969	0·65	...	...
51					
...	+ 1·344	−27·963	− 3	...	...
...	1·345	−19·657	− 5	*m*	...
...	1·797	− 5·854	− 2	...	...
...	3·990	− 0·298	0·80	46. 232	10·0
...	5·164	− 6·595	0·70	...	...
...	+ 5·189	+46·923	0·80	45. 237	10·0
...	6·134	−10·372	0·85	46. 233	10·0
...	7·022	+41·056	− 5	*m*	...
†	7·168	−29·869	0·75	...	...
*	7·579	+24·403	1·80	45. 238	8·3
61					
...	+10·741	+22·206	− 4	*m*	...
...	10·996	+56·468	− 1	...	...
...	11·177	−32·250	− 3	...	...
*	12·697	+15·359	1·30	45. 239	9·2
...	13·695	+21·479	− 4	*m*	...
...	+17·056	+ 3·863	− 4	*m*	...
...	17·274	+16·688	0·65	...	...
...	17·604	+26·831	0·75	...	...
...	17·912	−36·037	0·70	...	...
*	18·050	−55·511	1·40	47. 264	9·4
71					
...	+18·345	− 3·140	− 5	*m*	...
...	20·960	+33·647	− 1	...	...
...	24·736	−39·065	− 4	...	...
...	24·862	+19·074	− 4	*m*	...
*	26·155	+ 7·677	1·10	45. 240	9·2
...	+27·134	− 3·692	0·65	...	...
...	27·555	− 7·210	− 4	...	...
S *	28·400	−56·348	1·70	47. 266	9·0
...	28·816	+13·671	0·75	45. 241	10·0
S *	29·155	+ 6·698	1·30	46. 234	8·6
81-100					
81	′	′		°	
...	+30·525	+13·126	− 1	...	...
S *	31·009	−27·092	2·20	46. 235	7·9
...	33·585	−23·737	− 4	...	...
†	34·318	−49·783	0·70	...	...
...	36·873	−46·403	− 4	...	...
...	+39·675	+21·952	0·75	...	...
‡	41·468	+30·061	1·80	45. 242	8·3
...	42·326	+28·053	− 5	*m*	...
...	45·148	−18·640	− 5	*m*	...
S *	45·706	−34·046	1·10	46. 236	9·2
91					
...	+48·605	−22·279	0·65	...	...
...	48·664	+22·229	− 1	...	...
S *	49·324	+31·443	1·80	45. 243	8·5
...	50·625	+ 3·562	0·70	...	...
...	50·671	−36·683	− 4	...	...
...	+50·688	− 2·786	0·70	...	...
...	51·046	+ 5·405	− 3	*e*	...
...	54·445	− 7·666	− 4	...	...
...	56·517	− 9·978	− 1	...	...
...	59·468	−43·107	1·10	46. 237	9·6

NM measured from 1.
ES ,, ,, 51.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
1-10					
I	′	′		°	
S *	−57·451	−34·234	1·35	46. 236	9·2
...	56·261	+22·103	0·65	...	...
S *	55·888	+31·346	1·80	45. 243	8·5
...	54·928	−22·378	0·65	...	...
...	53·726	+ 3·519	0·70	...	...
...	−53·448	− 2·822	0·70	...	...
...	53·360	+ 5·376	− 2	E	...
...	52·416	−36·713	− 4	...	...
...	49·544	− 7·571	− 2	...	...
†	47·410	− 9·823	0·65	...	...
11-20					
II	′	′		°	
...	−47·375	+28·533	− 5	M	...
*	43·420	−42·842	0·95	46. 237	9·6
...	39·323	+16·708	− 2	B	...
...	39·120	− 2·418	− 2	...	...
...	38·993	−11·660	− 5	M	...
*	−38·039	−10·253	1·05	46. 238	9·6
...	36·488	+12·232	− 3	B	...
N	35·767	+27·517	− 1	A	...
...	35·587	− 2·259	− 2	...	...
...	35·275	+41·408	0·75	...	...
21-30					
21	′	′		°	
...	−30·017	+39·090	0·65	...	...
...	29·996	+30·811	0·65	...	...
*	28·557	− 6·818	1·70	46. 239	8·4
...	23·595	−43·002	0·75	...	...
...	23·315	+ 9·362	− 5	M	...
...	−21·703	−14·852	− 3	...	...
...	20·762	+42·658	− 3	A	...
*	20·561	+ 7·010	0·90	45. 245	10·0
*	17·068	+49·439	0·85	...	...
...	16·760	+26·014	− 2	B	...

ES measured from 1.
NM ,, ,, 55.

18. 45°15, 1st image obscured by fault, 2nd too faint.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
31-60					
31	′	′		°	
S *	−15·078	−18·743	2·50	46. 240	7·4
...	13·260	+33·347	− 3	B	...
*	12·589	+44·893	1·15	45. 246	9·2
*	11·026	+24·536	0·95	45. 247	10·0
...	10·344	−17·120	− 4	M	...
...	− 9·969	+ 3·309	0·65	B	...
S *	8·880	+21·935	1·60	45. 248	8·4
...	8·443	−59·552	− 5	...	...
*	7·789	−35·613	1·40	46. 241	9·0
S ‡	7·573	+45·002	1·15	45. 249	8·8
41					
...	− 7·293	+10·614	− 3	B *m*	...
*	5·609	+14·526	1·10	45. 250	9·1
...	5·191	−56·272	− 4	...	...
...	4·329	+ 7·547	0·65	B *m*	...
...	3·941	−18·410	− 4	...	...
...	− 3·687	−16·618	− 5	M *m*	...
S *	2·549	−50·479	1·10	46. 242	9·4
...	2·368	+34·116	− 5	M *m*	...
...	2·014	−36·196	− 4	...	...
*	1·591	+13·718	0·75	45. 251	10·0
51					
...	− 0·878	−26·598	− 5	M *m*	...
*	0·461	−47·542	0·90	...	...
...	0·389	+ 4·123	− 3	D *d*	...
...	− 0·141	−25·945	− 5	M *m*	...
...	+ 0·425	+53·319	− 4	M *m*	...
...	+ 1·862	−49·189	0·80	...	...
...	2·364	−26·281	0·65	...	...
...	2·580	−47·031	− 3	...	...
*	3·393	+12·985	1·20	45. 252	9·0
...	3·752	+16·083	− 4	M *m*	...
61-90					
61	′	′		°	
...	+ 4·514	+ 6·018	− 3	D *d*	...
...	5·569	+13·171	0·80	...	...
...	6·753	− 6·216	0·85	...	...
...	8·855	+12·027	0·80	...	...
*	9·324	−13·835	0·90	46. 243	10·0
...	+10·705	−27·490	− 5	*m*	...
...	11·397	−43·462	0·80	...	...
...	11·557	+32·343	− 3	*b*	...
...	12·241	−35·565	0·65	...	...
...	12·774	−41·834	0·75	...	...
71					
...	+12·939	+37·600	− 4	*m*	...
N	14·390	+16·179	0·65	...	...
N	14·448	+16·172	0·65	...	...
...	14·583	−48·600	− 4	...	...
*	17·206	+17·622	0·90	...	...
...	+19·855	−23·926	0·65	...	...
*	20·134	+29·598	1·80	45. 253	9·0
...	21·962	−16·303	− 5	*m*	...
*	23·058	+ 1·321	1·00	46. 244	9·4
...	24·337	−47·285	− 5	...	...
81					
...	+24·918	+44·556	0·65	...	...
S *	25·227	+48·224	1·80	45. 254	8·2
S *	25·454	−41·477	1·60	46. 245	8·6
...	26·314	−13·483	0·70	...	...
*	26·814	+ 9·375	0·90	45. 255	10·0
...	+28·047	+30·628	− 4	*m*	...
...	28·081	+58·518	− 4	*m*	...
...	28·128	+20·246	− 3	*d*	...
*	28·275	+50·285	1·70	45. 256	9·0
...	28·790	+17·625	0·90	45. 257	10·0
91-119					
91	′	′		°	
...	+29·353	+30·450	− 5	*m*	...
*	29·543	+44·849	1·00	45. 258	10·0
*	30·357	+35 359	1·00	45. 259	9·8
...	32·792	−13·200	0·80	...	...
...	33·594	+23·425	0·65	...	...
...	+34·588	−33·421	0·70	...	...
†	34·972	+45·724	0·70	...	...
...	35·448	+ 6·960	− 5	*m*	...
S *	37·274	+19·791	1·00	45. 260	9·6
...	37·834	+33·202	0·85	...	...
101					
...	+37·987	−42·701	0·80	...	...
*	38·503	+ 9·054	0·85	45. 261	10·0
...	38·590	−56·841	− 1	...	...
...	39·724	+21·126	0·90	45. 262	10·0
*	42·675	− 3·433	1·10	46. 246	9·4
...	+46·340	+ 2·026	0·70	*e*	...
...	47·973	−35·131	0·70	...	...
†	48·043	+20·119	0·70	...	...
...	48·110	−13·699	− 5	...	...
...	48·749	+31·841	0·70	...	...
111					
*	+49·364	+12·959	1·00	45. 263	10·0
...	50·282	+15·740	0·70	...	...
*	50·619	+49·692	3·00	45. 264	7·3
S *	50·739	−14·078	1·15	46. 247	9·2
*	50·799	+51·272	2·40	45. 265	8·2
...	+50·932	+35·169	0·70	...	...
...	51·949	+11·752	0·90	...	...
...	52·064	−15·292	− 5	*e*	...
...	59·576	−45·708	0·70	...	...

72, 73. 45°·16, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
1-20					
1	′	′		°	
...	−57·947	+ 1·860	0·70	E	...
...	56·808	+19·974	0·65	...	...
...	56·470	+31·726	0·70	...	...
...	55·675	−13·812	− 4	...	...
*	55·262	+12·869	0·85	45. 263	10·0
*	−55·164	+49·628	3·00	45. 264	7·3
...	55·137	−35·247	− 2	...	...
*	55·026	+51·203	2·60	45. 265	8·2
...	54·442	+15·681	0·70	...	...
†	54·393	+35·132	0·85	...	...
11					
...	−53·090	−11·159	− 5	...	...
S *	53·041	−14·106	1·10	46. 247	9·2
...	52·655	+11·749	0·75	...	...
...	51·680	−15·283	− 3	E	...
...	50·164	+12·150	0·65	B	...
...	−49·410	−54·907	− 5	M	...
...	43·225	−45·433	0·80	...	...
*	41·385	+34·713	0·95	...	...
...	41·091	−32·687	0·65	...	...
*	40·541	−23·338	1·00	46. 248	9·6
21-40					
21	′	′		°	
*	−40·496	+15·354	0·95	...	...
...	40·029	+12·732	0·75	...	...
...	39·605	+20·290	0·70	...	...
...	39·016	−30·549	− 3	...	...
*	38·926	+39·556	1·00	...	...
...	−38·446	−51·378	− 5	...	...
...	37·416	−52·842	0·95	...	...
...	37·088	+15·311	0·75	...	...
...	36·503	+47·430	0·85	...	...
*	35·939	−20·975	1·00	46. 249	9·8
31					
...	−35·450	+48·890	− 5	M	...
*	35·428	+23·754	0·90	...	...
...	35·340	− 8·826	0·70	...	...
*	33·455	−23·316	1·00	46. 250	9·8
...	32·333	+55·205	0·75	...	...
...	−31·740	−11·196	0·65	...	...
*	31·296	−32·596	1·10	46. 251	9·5
S *	30·778	+24·116	1·10	45. 267	9·0
...	29·798	+ 1·108	0·65	...	...
...	28·458	+16·396	− 1	...	...
41-60					
41	′	′		°	
...	−28·196	−14·856	− 4	M	...
S *	27·602	−24·236	1·00	46. 252	9·2
...	27·056	−31·285	− 3	...	...
...	25·734	+38·374	− 3	...	...
...	22·395	+17·331	− 4	D	...
...	−19·610	− 7·997	0·75	...	...
*	19·330	− 1·832	1·60	46. 253	8·3
...	19·304	−55·943	0·95	...	...
...	18·740	+44·552	− 5	M	...
...	18·621	+22·337	− 4	B	...
51					
...	−17·264	−14·940	− 5	M	...
...	16·979	+22·911	− 1	...	...
...	16·191	−56·153	− 4	...	...
*	14·948	−56·906	2·60	47. 291	7·1
†	14·889	+24·208	− 2	...	...
...	−13·328	+57·211	− 5	M	...
...	12·041	+27·188	− 4	B	...
...	11·919	− 0·036	− 5	M	...
S *	10·938	+40·342	1·15	45. 269	8·8
...	10·381	+33·275	− 3	B	...

NM measured from 1, 72.
ES ,, ,, 39, 108.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
61-90					
61	′	′		°	
*	−10·217	+26·386	0·85	45. 270	9·8
...	9·272	+18·248	0·70	...	...
*	8·783	− 9·206	0·80	...	...
...	7·975	−37·799	0·65	...	...
*	7·569	+42·271	0·85	...	...
*	− 3·384	−56·673	1·15	47. 292	9·5
S *	3·211	+55·361	2·00	45. 271	8·0
...	2·873	+31·698	− 5	M *m*	...
...	1·682	+47·615	0·75	...	...
...	1·168	−42·209	− 5	...	...
71					
S *	− 0·342	−51·878	1·20	46. 254	9·1
...	+ 0·622	−21·384	0·70	...	...
...	0·650	− 7·546	0·65	...	...
*	4·600	−48·781	1·20	46. 255	9·4
...	4·914	+ 6·504	0·70	...	...
*	+ 5·776	+21·144	0·85	45. 273	9·8
...	9·406	+ 2·427	− 3	*c*	...
...	10·135	+40·520	− 5	*m*	...
...	11·225	+18·371	− 5	*m*	...
...	11·928	− 1·483	− 5	*m*	...
81					
S ‡	+14·990	+12·806	2·10	45. 274	7·8
...	15·222	−18·269	0·70	...	...
...	15·527	+32·073	− 4	*d*	...
...	15·640	+ 8·876	0·70	*b*	...
S *	17·375	−42·520	2·10	46. 256	7·7
...	+18·530	−51·008	0·70	...	...
*	19·331	−58·764	1·70	47. 294	8·4
...	20·517	− 4·164	0·65	...	...
...	20·648	+16·885	0·65	*d*	...
...	21·257	+22·331	0·70	*b*	...
91-120					
91	″	″		°	
†	+21·692	+10·063	− 4	*d*	...
*	22·340	+13·715	1·00	45. 275	9·4
...	22·497	+10·491	− 5	*m*	...
...	22·829	−22·103	0·70	...	...
S *	23·468	− 1·707	1·80	46. 257	8·2
...	+24·367	−20·744	− 5	*m*	...
*	24·857	+ 3·516	0·90	...	...
...	26·521	−35·559	− 5	*m*	...
...	26·799	−48·630	− 5	*m*	...
...	27·434	+22·885	0·70	*c*	...
101					
...	+27·554	−16·387	0·80	...	...
...	27·669	+29·186	0·65	*b*	...
...	27·764	− 1·069	0·65	...	...
*	28·130	−37·196	1·00	46. 258	9·5
...	28·167	+48·777	0·70	*b*	...
...	+29·310	+51·335	0·90	...	...
...	29·472	−54·617	− 4	...	...
...	30·081	+21·421	0·70	...	...
...	30·150	+45·851	− 5	*m*	...
S *	30·682	+53·238	1·70	45. 276	8·7
111					
...	+31·422	+20·470	− 1	*b*	...
...	32·104	−49·092	− 4	...	...
...	32·255	− 5·366	− 5	*m*	...
...	32·968	+49·335	− 1	...	...
...	33·422	−40·359	− 3	...	...
...	+35·312	+35·323	0·65	...	...
...	35·325	−30·290	− 3	...	...
...	37·943	+59·253	− 4	*b*	...
...	38·198	+36·353	0·65	*b*	...
...	38·693	+55·013	− 3	*b*	...
121-144					
121	′	′		°	
*	+41·660	−10·483	0·85	...	...
†	44·085	−14·858	− 2	...	...
...	44·524	− 5·481	0·65	...	...
...	44·729	−11·915	− 4	...	...
...	45·100	−54·008	− 3	...	...
...	+45·173	+33·162	0·70	...	...
...	45·587	− 2·214	− 4	*m*	...
...	46·251	− 0·268	− 1	*e*	...
...	46·310	+39·871	− 4	*e*	...
*	46·616	+45·327	1·25	45. 277	9·4
131					
‡	+47·893	+15·098	1·25	45. 278	8·7
...	50·073	+47·846	− 4	*e*	...
...	50·772	+ 4·004	− 4	*e*	...
...	51·637	+10·446	− 4	*e*	...
...	52·013	+50·723	0·90	45. 279	9·8
...	+53·644	+17·890	0·80	...	...
S *	54·602	−46·229	2·00	46. 259	7·7
*	55·205	−16·005	0·85	...	...
*	56·096	−28·572	0·90	46. 260	9·8
S *	56·387	+29·227	2·20	45. 280	7·1
141					
...	+56·950	−29·345	− 1	...	...
...	58·804	−32·079	− 4	...	...
...	59·418	+27·284	− 4	*e*	...
...	59·791	+55·718	− 5	*e*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
1-20					
1	′	′		°	
†	−59·686	−15·092	− 4	...	...
...	59·544	− 5·707	− 2	...	...
...	59·169	+39·669	− 5	E	...
*	59·044	+45·135	1·15	45. 277	9·4
...	57·976	− 0·454	− 1	E	...
*	−56·798	+14·958	1·25	45. 278	8·7
...	55·666	+47·766	− 4	E	...
...	53·823	+50·702	0·95	45. 279	9·8
...	53·585	+ 3·962	− 4	E	...
...	52·937	+10·431	− 4	E	...
11					
...	−51·159	+17·935	0·70	...	...
S *	48·744	+29·351	2·30	45. 280	7·1
...	48·532	−15·900	0·70	...	...
S *	48·174	−46·121	2·10	46. 259	7·7
...	47·246	−28·436	0·85	46. 260	9·8
...	−46·377	−29·184	0·65	...	...
...	46·185	+55·941	− 4	E	...
...	45·684	+27·498	− 2	E	...
...	44·426	−31·860	− 4	...	...
†	41·801	+35·003	0·70	...	...
21-40					
21	′	′		°	
...	−39·884	−22·901	− 3	...	...
...	39·184	−25·477	− 5	...	...
...	39·171	+43·455	− 5	M	...
...	37·650	+18·537	− 4	D	...
*	37·475	+42·924	0·90	45. 281	9·8
*	−35·382	−37·094	1·00	46. 261	9·4
...	35·169	+26·917	− 3	D	...
...	34·918	−17·434	− 3	...	...
†	34·814	+45·592	− 4	B	...
...	34·483	+ 6·323	− 5	M	...
31					
...	−34·417	−27·791	− 5	...	...
...	32·207	−12·701	− 5	M	...
S *	30·087	+42·882	1·05	45. 282	9·2
...	29·870	+46·073	− 3	B	...
†	29·761	−22·257	0·65	...	...
...	−29·338	− 4·710	− 3	...	...
N * [	28·873	+20·741	1·05	45. 283	8·4
N * [	28·871	+20·797	1·10		
...	27·099	+20·750	− 2	B	...
...	26·656	+51·180	− 4	B	...
41-60					
41	′	′		°	
*	−25·854	+12·429	0·80	45. 284	9·8
...	24·587	−58·606	0·90	47. 298	9·8
S *	24·300	−24·481	1·90	46. 262	7·7
*	23·480	+23·531	0·85	45. 285	9·6
...	22·779	−36·188	0·70	...	...
...	−21·785	−29·961	− 1	...	...
...	21·775	+ 4·570	− 2	D	...
...	20·149	− 3·875	− 2	...	...
...	20·026	−37·413	− 1	...	...
...	19·949	+ 1·511	− 4	D	...
51					
...	−19·539	+47·132	0·65	B	...
...	18·567	+35·866	− 5	M	...
...	18·027	+27·076	− 4	B	...
...	14·743	+10·885	− 2	B	...
*	10·759	−30·780	0·90	46. 263	9·5
...	−10·708	− 6·391	− 2	...	...
...	10·230	−13·218	− 2	...	...
...	9·009	+21·840	− 4	D	...
S *	8·238	−14·044	1·15	46. 264	8·8
...	6·601	−14·406	− 1	...	...

ES measured from 1.
NM ,, ,, 65.

37, 38, 45°·17, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
61-90					
61					
...	− 4·433	+19·836	− 2	M	...
...	1·076	+31·883	− 2	M	...
...	− 0·344	−30·655	− 4	...	...
...	+ 0·004	+32·077	0·70	...	...
...	1·685	− 4·616	− 5	M *m*	...
...	+ 2·373	−14·171	0·70	...	...
S *	2·376	+59·136	2·10	45. 288	7·9
...	2·972	−13·036	− 5	M *m*	...
...	3·057	+31·453	− 1	M	...
...	4·718	+33·223	0·90	45. 290	9·8
71					
...	+ 5·441	+18·771	− 3	M	...
...	6·971	+ 8·423	0·65	M	...
...	7·956	+59·813	− 5	*m*	...
S *	9·635	+ 5·700	0·95	46. 265	9·5
...	11·343	+ 2·340	− 3	*b*	...
...	+11·810	+25·826	0·65	...	...
...	11·949	+16·722	− 5	*m*	...
...	15·827	−59·462	− 5	*m*	...
S *	16·356	+32·169	1·05	45. 291	9·0
*	16·506	− 7·029	0·85	...	...
81					
...	+17·437	−59·210	− 5	*m*	...
S *	18·737	−36·658	1·05	46. 266	8·8
...	19·225	−15·878	0·65	...	...
†	20·107	−59·149	− 1	...	...
...	20·422	−42·884	0·85	...	...
...	+21·258	+19·350	0·70	...	...
...	21·784	−48·865	0·80	...	...
*	23·607	+20·671	1·00	45. 292	9·6
...	25·153	+40·565	− 1	...	...
...	25·445	+57·210	0·70	...	...
91-120					
91					
...	+25·483	+44·509	0·65	...	...
...	25·657	+23·925	0·70	...	...
...	26·012	+ 9·796	0·65	...	...
...	27·991	+55·597	− 5	*m*	...
...	27·991	−52·729	0·80	...	...
...	+28·263	+36·152	− 4	*b*	...
*	28·479	+55·542	0·90	45. 293	9·4
...	30·357	−22·498	− 5	...	...
...	31·043	−32·226	− 3	...	...
...	31·711	+ 3·677	− 4	...	...
101					
*	+32·127	− 7·299	1·00	46. 267	9·8
...	32·810	− 7·908	0·65	...	...
...	34·209	+ 5·879	− 3	...	...
*	34·571	+34·800	0·90	...	...
*	35·293	−11·671	1·05	46. 268	9·4
...	+35·448	−16·746	0·75	...	...
S *	35·698	−42·805	1·30	46. 269	8·6
...	37·888	−41·020	0·95	46. 270	9·8
...	39·176	+14·594	0·80	...	...
...	40·106	−33·802	0·90	...	...
111					
...	+40·608	−10·029	0·70	...	...
...	41·413	+ 2·395	0·65	...	...
...	41·549	−30·865	0·90	...	...
...	42·003	−37·884	− 5	...	...
...	43·367	−10·343	− 4	...	...
...	+44·387	+ 4·004	0·75	...	...
*	44·507	−57·888	1·80	47. 308	8·5
...	44·815	−14·262	0·65	...	...
S ‡	45·075	− 4·574	1·50	46. 271	8·5
†	45·531	+15·077	0·75	...	...
121-136					
121					
...	+46·069	+39·654	0·65	...	...
...	46·202	− 8·798	− 5	*e*	...
...	47·337	+19·101	0·65	*e*	...
...	48·044	−34·886	0·70	...	...
...	51·707	+17·694	0·90	...	...
...	+52·137	+12·979	− 5	*e*	...
...	52·288	−24·417	0·75	...	...
S *	52·922	+51·685	1·50	45. 295	9·2
...	53·003	+12·711	− 5	*e*	...
...	53·135	− 1·199	0·85	...	...
131					
*	+53·561	+12·484	1·00	45. 296	9·8
...	54·714	−17·676	− 5	...	...
...	57·308	−34·927	0·70	...	...
*	57·475	+52·155	1·20	45. 297	9·8
...	58·053	+46·304	− 5	*e*	...
...	+59·649	−13·812	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
1-20					
1					
...	−59·954	+ 3·771	− 1	...	...
...	59·402	+39·439	− 1	...	...
*	59·160	+14·874	1·40	...	...
S ‡	59·003	− 4·796	2·90	46. 271	8·5
...	58·962	−14·477	− 2	...	...
...	−58·143	−15·559	− 4	...	...
...	58·118	−14·991	− 5	M	...
*	57·892	−58·102	4·40	47. 308	8·5
...	57·755	− 8·966	− 5	E	...
...	57·495	+18·932	− 2	E	...
11					
...	−57·381	−24·711	− 4	...	...
...	56·930	+56·424	− 5	M	...
...	55·171	− 0·494	− 3	M	...
†	55·088	−34·996	− 1	...	...
...	54·491	−31·341	− 5	M	...
...	−54·273	−21·885	− 4	...	...
*	53·069	+17·679	1·40	...	...
S *	52·921	+51·683	2·70	45. 295	9·2
...	52·588	+34·877	− 5	M	...
...	52·499	+12·981	− 3	E	...
21-40					
21					
...	−51·610	+12·733	− 3	E	...
...	51·412	+56·270	− 5	M	...
...	51·181	+51·911	− 5	M	...
...	51·173	−24·405	1·20	...	...
*	51·055	+12·534	1·70	45. 296	9·8
*	−51·049	− 1·165	1·20	...	...
...	48·965	−17·570	− 2	...	...
*	48·390	+52·290	2·00	45. 297	9·8
...	47·615	+46·465	− 1	E	...
‡	45·832	−34·731	1·20	...	...
31					
...	−45·028	−34·319	− 3	...	...
...	44·664	−10·575	− 5	M	...
...	44·150	−13·556	− 2	...	...
...	43·776	−11·133	− 1	...	...
...	43·516	+ 9·831	0·90	...	...
*	−43·082	− 0·986	1·80	46. 272	9·6
...	42·902	−10·227	− 5	M	...
*	42·423	+40·735	1·20	...	...
...	42·396	+ 6·834	− 3	B	...
...	42·224	−14·514	− 5	M	...
41-60					
41					
...	−42·023	+29·868	− 2	C	...
...	41·056	−32·341	1·10	...	...
...	41·025	−53·067	− 1	...	...
*	40·865	+11·654	1·80	45. 298	9·8
...	40·015	−16·435	− 2	...	...
...	−37·433	−32·986	− 4	M	...
...	37·267	−59·264	− 4	...	...
...	37·256	+23·171	1·00	...	...
...	37·188	+16·727	− 1	...	...
...	36·904	−20·601	− 5	M	...
51					
...	−36·097	+ 3·259	0·90	...	...
*	34·983	+24·960	1·20	...	...
...	34·224	− 8·069	− 5	M	...
...	33·774	+19·088	1·30	...	...
...	33·596	−10·464	− 2	...	...
...	−33·547	+17·017	− 4	M	...
*	33·064	−14·935	1·40	46. 273	9·8
...	32·987	−14·097	0·90	...	...
...	32·335	+27·308	− 4	M	...
...	32·232	−45·650	− 5	...	...

MC measured from 1, 129.
ES ,, ,, 67, 197.

Images very diffused and difficult to measure.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·90.	C.P.D. No.	C.P.D. Mag.
61–120					
61	′	′		°	
...	−31·510	+40·408	− 5	M	...
...	31·301	− 7·547	− 5	M	...
*	31·083	− 6·795	1·40	...	...
*	30·954	+33·751	2·50	45. 299	9·2
*	30·486	−47·625	1·80	46. 274	9·8
...	−30·206	+26·066	− 5	M	...
...	29·480	−48·016	0·65	...	...
...	29·119	+11·899	0·85	...	...
...	29·049	−47·478	− 1	...	...
...	28·810	−17·438	1·00	...	...
71					
...	−27·743	−16·344	0·90	...	...
S *	27·696	+19·340	3·00	45. 300	8·0
...	27·186	+45·237	− 1	D	...
S *	26·596	−37·792	1·90	46. 275	9·4
...	25·606	− 2·731	− 5	M	...
...	−25·345	+39·813	− 2	D	...
...	24·993	−51·770	− 5	M	...
*	24·547	+12·346	1·15	...	...
...	24·311	−45·558	1·00	...	...
...	24·125	−53·778	− 3	M	...
81					
...	−23·182	+ 9·181	0·95	...	...
...	23·058	+38·841	− 3	M	...
...	22·706	+38·487	− 3	M	...
...	22·358	+ 0·251	− 5	M	...
...	21·845	+40·549	0·85	...	...
...	−21·353	+21·224	− 3	M	...
...	21·321	+23·336	0·95	...	...
†	20·216	−30·921	− 3	...	...
S *	19·942	+40·504	1·80	45. 301	9·6
...	19·281	+47·579	− 1	...	...
91					
...	−18·185	−24·099	− 5	M	...
...	17·861	+50·458	0·85	...	...
*	17·666	−20·169	1·30	...	...
...	17·042	−49·580	− 5	M	...
...	16·818	+ 6·508	− 5	M	...
...	−16·050	−31·113	0·95	...	...
...	15·906	− 7·770	− 4	M	...
†	15·168	−41·250	− 5	...	...
...	14·517	+ 1·114	− 4	M	...
...	13·936	+15·766	− 5	M	...
101					
...	−13·117	− 9·067	− 5	M	...
...	12·281	+13·007	− 4	M	...
...	11·828	+27·686	− 5	M	...
...	11·767	−55·138	− 1	...	...
S *	11·688	−56·699	1·80	47. 317	9·6
...	−11·671	−57·424	− 5	M	...
...	11·253	+57·723	−3	M	...
...	10·924	+44·414	0·80	...	...
†	10·151	+49·143	− 4	M	...
†	10·120	+57·856	0·70	...	...
111					
...	− 7·944	−37·955	− 3	*m*	...
...	7·625	+42·698	− 1	B	...
...	7·234	+38·600	− 2	D	...
*	5·940	− 2·545	1·26	...	...
± †	5·198	−31·162	1·00	...	...
...	− 5·096	+27·930	0·80	...	...
...	4·037	−59·002	− 5	M *m*	...
...	3·714	+57·769	0·65	M	...
*	3·349	+ 9·832	1·90	45. 303	9·6
*	2·694	+36·942	1·35	45. 304	9·8

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·90.	C.P.D. No.	C.P.D. Mag.
121–180					
121	′	′		°	
...	− 2·608	−10·894	− 4	M *m*	...
...	2·444	−33·715	− 5	M *m*	...
...	1·793	+ 6·225	0·85	*m*	...
...	1·443	−58·086	0·90	...	...
...	1·382	+48·262	0·95	...	...
...	− 0·952	−15·727	− 5	M *m*	...
*	0·573	−30·987	1·35	46. 276	9·8
...	− 0·278	+45·222	0·80	...	...
*	+ 0·407	+40·310	1·05	...	...
*	0·903	+22·045	1·00	...	...
131					
*	+ 1·471	+ 2·544	0·90	B *m*	...
...	1·651	+44·272	− 4	M *m*	...
...	2·660	+51·186	− 5	M *m*	...
...	2·732	−57·840	− 5	M *m*	...
...	3·049	− 2·618	− 5	M *m*	...
...	+ 3·382	+24·427	− 2	M *m*	...
...	3·444	+51·734	− 5	M *m*	...
...	4·441	+ 4·482	− 5	M *m*	...
...	4·452	+49·667	− 5	M *m*	...
...	4·519	+46·633	0·70	M	...
141					
...	+ 4·627	+42·292	− 5	M *m*	...
S ‡	4·704	+10·347	2·00	45. 305	9·2
*	5·134	−43·939	1·00	...	...
...	5·448	−34·557	− 5	M *m*	...
...	5·548	−31·378	− 5	M *m*	...
...	+ 6·198	− 1·342	− 5	M *m*	...
...	6·515	− 4·018	0·80	M *a*	...
...	6·807	−20·409	− 5	M *m*	...
...	8·834	+13·593	0·70	*b*	...
...	9·530	−43·349	− 4	*m*	...
151					
...	+ 9·551	+ 6·108	− 5	*m*	...
*	9·642	− 0·844	1·05	46. 277	9·8
...	9·655	+ 3·791	− 2	*m*	...
...	10·277	+22·655	− 4	*m*	...
...	10·562	−37·790	− 4	*m*	...
...	+11·766	+37·254	0·85	...	...
*	12·254	+57·042	1·60	45. 306	9·8
...	13·007	+55·166	− 5	*m*	...
...	13·500	+56·114	− 5	*m*	...
*	14·414	−22·462	1·20	...	...
161					
†	+15·010	+ 5·161	− 4	*m*	...
... [	15·832	−11·350	− 1	*m*	...
* [	15·865	−11·435	1·00	46. 278	9·8
...	16·480	−42·194	− 2	*m*	...
*	17·203	−32·425	1·00	...	...
*	+17·219	+30·547	0·95	...	...
...	17·976	+13·488	− 5	*m*	...
...	18·345	−52·405	0·70	...	...
*	18·361	−19·400	1·05	...	...
...	18·517	−52·257	− 5	*m*	...
171					
...	+19·047	+39·153	− 5	*m*	...
...	19·120	+35·102	− 4	*m*	...
...	19·287	+16·464	0·85	...	...
...	19·506	− 0·718	− 4	*m*	...
...	20·422	−45·396	0·75	...	...
...	+21·041	− 8·167	0·70	*b*	...
...	21·128	− 5·883	− 4	*m*	...
*	21·792	+49·297	1·00	...	...
...	23·187	− 3·197	0·65	*m*	...
...	23·632	−21·009	0·65	*m*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·90.	C.P.D. No.	C.P.D. Mag.
181–240					
181	′	′		°	
*	+24·248	−33·911	0·85	...	...
...	25·033	−10·620	0·85	...	...
S *	25·138	−34·636	1·90	46. 279	9·8
...	25·597	+14·434	0·85	...	...
*	25·695	−47·389	1·10	...	...
...	+26·475	−45·099	0·95	...	...
...	27·293	+59·175	1·00	...	...
...	27·348	−42·454	− 5	*m*	...
*	27·507	+12·262	1·50	...	...
...	27·597	+37·360	0·70	...	...
191					
...	+27·776	+27·726	0·90	...	...
...	28·304	+44·695	0·65	...	...
*	28·424	+47·070	1·60	45. 307	9·8
...	28·905	+32·848	0·75	...	...
*	29·024	−10·197	1·00	...	...
†	+29·638	−35·808	0·85	...	...
...	30·445	−35·077	− 5	*m*	...
...	31·223	− 2·733	− 1	*m*	...
*	31·423	−58·173	2·00	47. 325	9·6
...	32·317	+45·978	− 5	*m*	...
201					
*	+33·037	+10·293	1·30	...	...
...	33·685	+34·823	0·65	...	...
...	33·706	+44·374	1·10	...	...
...	34·026	+56·642	− 5	*m*	...
...	34·854	+45·168	− 5	*m*	...
...	+35·082	+33·059	0·80	...	...
*	35·833	−26·151	1·10	...	...
...	35·985	+30·923	0·90	...	...
*	36·214	−34·158	1·50	46. 281	9·8
...	36·326	−45·376	− 1	*m*	...
211					
*	+36·562	− 0·602	1·70	46. 280	9·8
*	37·541	+16·111	2·20	45. 308	8·6
*	37·597	−16·811	2·00	46. 282	9·4
...	37·633	−50·150	0·80	*a*	...
...	38·042	−31·014	− 4	*m*	...
...	+38·256	−17·248	− 5	*m*	...
...	38·332	− 5·859	− 5	*m*	...
...	38·415	+31·041	0·70	...	...
...	38·541	+30·840	− 3	*a*	...
...	39·019	+58·663	1·10	...	...
221					
...	+40·507	−30·465	− 4	*m*	...
...	41·005	+32·748	− 3	*a*	...
...	41·032	+13·784	0·75	...	...
...	41·149	+11·094	0·75	...	...
...	41·463	+43·324	1·00	...	...
*	+41·958	−45·043	1·40	...	...
S *	42·820	−22·818	2·10	46. 283	9·0
...	43·389	+ 1·952	− 5	*m*	...
...	43·638	−11·404	− 5	*m*	...
*	44·051	+34·073	1·90	45. 309	9·8
231					
†	+44·625	+22·909	0·90	...	...
...	44·904	+ 5·610	− 4	*m*	...
...	45·834	−15·487	− 5	*m*	...
...	46·088	− 1·426	− 5	*m*	...
*	46·966	+49·269	1·40	...	...
...	+47·265	−30·267	− 3	*m*	...
...	48·343	−18·008	− 3	*m*	...
...	48·526	−50·611	1·15	...	...
...	48·557	−36·191	− 3	*m*	...
*	48·769	+29·003	2·20	45. 310	9·2

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·90.	C.P.D. No.	C.P.D. Mag.
241–250					
241					
*	+48′·874	−18′·661	1·60	46°. 284	9·8
...	49·242	+16·684	− 5	*m*	...
...	49·835	−43·591	− 4	*m*	...
...	50·091	+40·118	1·05	...	...
...	50·193	−31·643	− 1	...	...
...	+50·581	−12·372	− 5	*m*	...
*	51·113	+34·227	1·60	45. 311	9·8
*	51·450	−56·465	1·50	...	...
...	51·620	−48·159	− 1	*m*	...
S ‡	53·093	+ 9·956	2·20	45. 312	8·7
251–260					
251					
*	+53′·495	+39′·109	1·30	...	...
...	55·114	+ 0·746	− 5	*m*	...
...	55·712	+19·927	− 4	...	...
S *	56·706	+39·203	3·00	45. 314	8·1
†	56·795	− 4·858	− 5	*m*	...
‡	+56·885	−49·814	1·30	...	...
...	57·769	+14·578	− 5	*m*	...
...	57·920	−59·433	0·80	...	...
...	58·162	−38·068	− 5	*m*	...
...	58·590	−39·172	1·10	...	...
261–263					
261					
...	+58′·884	−24′·096	− 4	*m*	...
...	59·087	+ 0·309	− 4	*m*	...
...	59·263	−33·837	− 5	*m*	...

1–40					
1					
...	−58′·797	+49′·090	− 1	...	...
*	56·346	+28·889	1·15	45. 310	9·2
†	55·385	+40·034	− 3	...	...
...	54·773	−18·761	0·75	46. 284	9·8
...	54·184	+34·184	0·85	45. 311	9·8
...	−54·115	−50·688	− 5	...	...
...	51·950	+39·126	0·65	...	...
S *	51·435	+ 9·985	1·10	45. 312	8·7
...	51·010	−56·465	0·65	...	...
S *	48·732	+39·323	1·80	45. 314	8·1
11					
...	−45′·790	−49′·634	− 3	...	...
...	44·774	+23·679	0·85	...	...
...	44·406	−38·939	− 3	...	...
...	42·695	−30·111	− 2	...	...
...	42·476	−26·929	− 4	...	...
...	−42·283	−35·983	− 3	...	...
S *	41·460	−16·226	1·30	46. 285	8·4
...	39·224	+25·937	0·85	45. 315	9·8
...	38·533	+16·439	0·65	...	...
...	38·174	+ 9·752	− 4	...	...
21					
...	−37′·725	+17′·319	0·75	...	...
...	37·497	+55·892	− 5	...	...
*	37·330	+37·514	1·90	45. 316	8·4
...	37·208	+18·129	− 5	...	...
...	36·477	− 7·615	− 5	...	...
...	−34·191	+59·174	− 4	...	...
...	33·110	− 2·173	− 5	B	...
...	32·860	+42·341	− 4	A	...
...	32·449	−14·552	− 5	B	...
...	31·950	−36·741	− 3	...	...
31					
...	−31′·931	−56′·855	0·80	47. 329	9·8
...	29·137	−24·989	0·70	...	...
...	28·800	+ 1·726	− 5	B	...
S *	28·626	−43·602	1·05	46. 286	8·7
*	28·282	−28·209	1·10	46. 287	8·9
...	−27·010	+38·629	0·75	...	...
...	26·493	+59·657	0·75	...	...
...	26·361	+16·154	− 2	...	...
...	24·152	+ 1·955	− 4	A	...
*	23·892	−43·761	1·90	46. 288	8·0
41–80					
41					
...	−22′·175	− 4′·673	− 5	°B	...
...	21·405	−36·562	− 4	...	...
...	20·367	+16·001	0·90	45. 317	9·8
*	19·786	− 0·918	1·05	46. 289	9·2
...	18·956	−20·924	− 5	B	...
...	−16·450	+37·437	− 5	...	...
...	16·398	− 4·782	− 5	A	...
...	16·322	+46·815	− 3	...	...
...	16·058	− 2·244	− 5	B	...
...	15·305	+29·219	− 3	...	...
51					
...	−14′·841	−38′·189	0·70	...	...
...	13·557	+ 6·331	0·75	...	...
...	13·468	−35·473	− 5	...	...
...	12·919	−22·840	0·80	...	...
S *	9·429	−51·845	2·00	46. 290	7·4
S *	− 9·049	+28·836	1·00	45. 318	9·0
...	8·428	−33·081	− 4	...	...
...	8·151	+12·119	0·75	...	...
...	5·972	− 8·927	0·75	...	...
...	5·433	−10·696	− 4	...	...
61					
...	− 4′·878	+38′·234	− 2	...	...
*	4·753	+27·837	0·85	...	...
...	4·638	−44·155	− 5	...	...
...	3·543	−10·286	− 5	B *m*	...
...	1·183	−41·173	− 4	...	...
...	− 0·763	−44·978	0·90	46. 291	9·8
†	+ 0·047	+12·977	0·70	M	...
S *	1·392	−17·355	1·80	46. 292	8·0
...	1·977	−56·135	− 1	...	...
*	2·386	−13·486	1·60	46. 293	8·3
71					
*	+ 2·807	+ 1·920	2·40	46. 294	7·6
...	3·440	+18·268	− 3	M	...
...	3·775	+47·122	0·85	45. 319	9·8
...	5·197	−23·784	0·65	...	...
*	6·471	− 5·260	1·00	46. 295	9·4
...	+ 7·974	+ 5·528	− 3	*a*	...
...	9·093	−28·690	− 5	*a*	...
...	9·630	+12·254	− 5	*b*	...
...	10·098	+56·288	0·75	45. 320	9·8
*	13·547	+ 3·164	1·10	46. 296	8·9
81–120					
81					
...	+13′·633	−18′·915	0·65	...	...
...	14·321	+58·941	0·65	...	...
S *	14·744	+37·698	1·10	45. 321	9·1
...	15·376	+40·078	0·90	...	...
...	17·043	− 1·382	− 5	*c*	...
...	+17·238	+42·028	0·70	...	...
...	17·378	+55·291	1·05	45. 323	9·8
...	17·430	−48·469	− 3	...	...
*	17·519	−38·796	1·05	46. 297	9·0
*	17·902	− 2·382	3·00	46. 298	7·4
91					
...	+18′·147	−44′·993	− 5	...	...
...	18·863	+54·647	− 5	...	...
...	19·605	−22·452	− 5	...	...
S *	24·303	+ 5·345	0·95	46. 299	9·4
...	25·760	+45·261	0·75	...	...
...	+26·937	− 8·704	0·75	...	...
*	27·726	+ 3·870	0·95	46. 300	9·8
...	28·912	− 4·164	0·70	...	...
...	29·313	− 4·567	− 1	...	...
...	30·040	−59·382	− 1	...	...
101					
...	+30′·202	+51′·415	0·65	...	...
...	30·482	−21·820	− 5	...	...
...	30·996	− 1·357	0·85	...	...
*	33·224	−53·461	1·05	46. 301	9·4
...	33·520	+25·405	− 4	...	...
*	+33·879	−16·692	0·90	46. 302	9·8
...	34·237	+51·385	− 2	...	...
*	34·445	− 5·522	1·05	46. 303	9·1
‡	34·917	−30·196	1·40	46. 304	8·3
...	35·134	− 6·600	0·75	...	...
111					
S *	+35·623	− 7·355	1·15	46. 305	8·6
...	38·137	+26·871	0·85	...	...
*	39·095	+11·342	1·00	45. 324	9·6
...	39·737	+ 5·750	− 3	...	...
...	39·783	+38·636	− 3	...	...
...	+40·177	−33·435	0·75	...	...
...	41·663	+44·174	− 5	...	...
...	41·846	−55·959	− 4	...	...
...	43·169	− 1·846	− 4	*b*	...
*	43·323	−16·420	0·90	46. 306	9·6

ES measured from 1.
NM „ „ 67.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
121–130					
121	′	′		°	
S *	+43·933	−34·363	1·15	46. 308	9·0
*	44·035	− 7·895	1·00	46. 307	9·6
*	47·158	+55·683	1·40	45. 325	9·2
...	47·346	−58·902	− 1	...	...
...	50·413	−11·037	− 3	...	...
...	+52·440	−29·707	− 4	...	...
...	54·233	+15·749	− 5	...	...
...	55·932	+45·410	0·85	45. 326	9·8
...	56·047	+26·850	0·65	...	...
...	57·446	+15·430	− 1	...	...
131–132					
131					
...	+58·713	−48·306	1·10	46. 309	9·6
...	59·072	−35·403	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. ...	C.P.D. No.	C.P.D. Mag.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
1–40					
1	′	′		°	
S *	−59·194	−34·596	1·15	46. 308	9·0
*	58·821	+55·507	1·30	45. 325	9·2
...	57·890	+28·678	− 5	...	...
...	55·013	−59·036	− 4	...	...
...	50·823	−29·677	− 5	...	...
...	−49·729	+45·510	0·85	45. 326	9·8
...	49·030	+26·965	0·70	...	...
...	47·274	+15·595	− 4	...	...
...	44·054	−35·160	− 5	...	...
*	43·999	−48·057	1·15	46. 309	9·6
11					
*	−43·755	− 2·805	0·90	46. 310	9·8
...	42·351	−13·568	0·85	46. 311	9·8
†	42·068	+54·967	0·65	...	...
...	41·661	− 0·401	0·80	...	...
*	41·523	+15·249	0·95	45. 327	9·6
...	−41·366	+15·629	0·70	...	...
S *	41·275	+31·533	1·50	45. 328	8·3
...	40·166	+32·347	0·90	...	...
...	40·085	+43·114	0·80	...	...
S *	39·461	+17·537	1·25	45. 329	8·6
21					
...	−38·409	−16·474	0·65	...	...
...	38·275	+32·020	− 2	...	...
*	38·242	−33·728	2·00	46. 312	8·2
...	36·625	+24·053	0·85	45. 330	9·8
N* [	35·214	+23·760	1·00	45. 331	8·9
N* [	−35·157	+23·745	1·10		
*	35·133	−24·488	0·90	46. 313	9·8
...	34·432	+34·441	0·75	...	...
...	33·546	+26·582	0·70	...	...
*	32·348	+28·018	1·15	45. 332	8·8
31					
...	−31·909	+33·512	− 5	...	...
S *	31·749	−11·470	1·70	46. 314	8·2
...	31·706	+ 5·825	0·65	...	...
...	30·533	−16·764	0·70	...	...
...	29·191	−40·872	− 5	...	...
...	−28·601	−33·222	− 3	...	...
...	28·248	− 2·310	− 2	...	...
...	27·470	+13·737	− 4	...	...
...	27·252	−48·648	− 5	...	...
*	25·779	+27·006	1·15	45. 333	8·8
41–80					
41	′	′		°	
...	−25·274	− 7·586	− 3	...	...
...	23·818	−30·674	0·65	...	...
...	23·764	+11·089	0·75	...	...
...	23·237	+16·169	− 4	...	...
...	21·196	+26·000	− 2	...	...
...	−20·450	− 8·812	− 3	...	...
...	20·323	−55·515	− 5	...	...
S *	19·478	−46·331	1·15	46. 315	9·0
...	19·154	+16·683	− 5	...	...
†	17·491	−39·726	− 2	...	...
51					
...	−14·442	+15·174	− 2	...	...
...	13·377	−53·198	− 5	...	...
...	13·244	−49·404	− 5	...	...
...	13·076	−32·842	− 1	...	...
...	12·990	−52·538	− 5	...	...
...	−11·736	+30·222	− 4	...	...
...	9·363	+32·243	− 5	...	...
...	9·324	− 0·503	− 3	B	...
...	3·098	− 4·163	0·70	...	...
*	2·151	+18·732	0·90	45. 334	9·8
61					
...	− 0·168	+32·566	− 4	...	...
...	+ 0·677	+ 5·682	− 5	M	...
...	4·269	−22·235	− 4	M	...
...	4·514	−10·248	0·80	...	...
...	4·920	− 9·533	0·65	...	...
†	+ 4·953	+11·077	− 1	...	...
...	5·830	−12·791	0·80	...	...
...	6·786	−23·519	− 4	M *b*	...
*	7·129	−10·214	1·00	46. 316	9·4
*	8·080	+ 1·106	1·40	46. 317	8·2
71					
...	+ 8·797	+26·957	− 2	...	...
S *	9·370	+32·944	2·10	45. 335	7·6
*	11·423	+24·195	0·90	45. 336	9·8
...	11·498	−15·307	− 4	*b*	...
S *	11·802	−12·416	1·70	46. 318	8·0
...	+11·860	+49·157	− 4	...	...
*	12·788	− 1·032	3·00	46. 319	7·0
S *	12·927	+56·914	1·90	45. 337	8·0
...	13·082	−53·388	− 5	*a*	...
*	15·680	+34·243	1·00	45. 339	9·4
81–120					
81	′	′		°	
...	+16·158	−32·259	0·80	...	...
...	16·226	+20·651	− 5	...	...
...	16·253	+43·724	0·70	...	...
S *	17·256	−49·237	1·30	46. 320	8·8
...	17·872	+54·797	− 4	...	...
...	+18·770	−28·214	− 4	...	...
...	19·216	+27·131	− 4	...	...
‡	19·921	+36·232	1·40	45. 340	8·6
*	20·713	+22·671	1·80	45. 341	8·2
...	21·760	−28·333	0·80	...	...
91					
...	+22·417	−25·202	0·70	...	...
...	29·384	+14·882	0·80	...	...
‡	29·981	+ 4·308	0·90	46. 321	9·6
...	32·613	−37·986	− 5	...	...
...	32·829	+45·995	0·75	45. 342	9·8
...	+32·970	−54·987	− 4	...	...
...	33·280	−41·743	0·75	...	...
...	33·553	−27·851	0·70	...	...
...	34·599	+19·401	0·70	...	...
...	37·704	+17·487	− 4	...	...
101					
*	+38·943	−14·056	0·90	46. 322	9·8
...	39·712	+23·805	− 5	...	...
...	42·305	−16·668	− 5	...	...
...	43·213	+40·795	− 5	...	...
*	43·490	− 7·118	0·90	46. 323	9·8
...	+44·363	+25·820	− 3	...	...
...	44·441	+17·006	− 5	...	...
*	45·523	+27·208	0·90	45. 343	9·4
...	48·446	+17·038	− 3	...	...
S ‡	48·476	+ 5·208	1·70	45. 344	8·0
111					
S *	+49·386	−37·099	1·50	46. 324	8·4
...	49·623	−16·275	− 3	...	...
...	51·879	+32·871	− 3	...	...
...	52·791	+17·095	− 4	...	...
...	53·952	−53·289	1·00	46. 326	9·2
*	+54·422	−31·579	1·35	46. 325	9·0
...	55·479	+49·535	− 5	...	...
...	57·983	+ 7·240	− 1	...	...
...	58·167	−11·184	0·80	...	...
...	59·300	− 1·778	− 4	...	...

NM measured from 1, 62.
ES „ „ 35, 93.

25, 26, 45°·20, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
1–40					
1	′	′		°	
…	−59·553	+26·985	1·00	45. 343	9·4
…	56·309	+16·906	— 3	…	…
S *	55·908	+ 5·075	2·20	45. 344	8·0
…	54·088	−16·338	— 4	…	…
S *	53·674	−37·162	1·45	46. 324	8·4
…	−53·370	+32·836	— 3	…	…
…	51·958	+17·097	— 2	…	…
…	50·296	+49·603	— 3	…	…
…	49·467	−54·452	— 5	…	…
*	48·806	−31·489	1·15	46. 325	9·0
11					
…	−48·678	+31·366	— 5	…	…
*	48·614	−53·202	1·15	46. 326	9·2
…	46·457	+ 7·427	— 3	…	…
…	45·697	−10·995	0·80	…	…
…	45·392	+37·491	— 3	…	…
…	−44·867	— 1·548	— 5	…	…
…	43·018	−20·161	— 5	…	…
…	42·781	— 7·007	0·70	…	…
…	42·104	+15·078	— 5	…	…
…	41·341	+43·198	— 2	…	…
21					
…	−41·275	−40·652	— 1	…	…
…	40·914	−37·299	— 3	…	…
…	40·753	+57·549	— 5	…	…
…	39·700	+15·525	— 2	…	…
…	39·458	+26·248	— 1	…	…
…	−39·341	−18·659	— 5	…	…
…	38·273	+39·047	— 3	…	…
…	36·965	— 0·501	— 2	α	…
†	35·041	−27·003	0·65	46. 327	9·8
…	34·879	−38·575	— 5	…	…
31					
…	−34·739	−32·736	0·90	46. 328	9·8
…	34·186	−14·812	— 4	…	…
…	32·552	−20·309	— 3	…	…
S *	30·956	+55·360	1·90	45. 345	8·2
…	29·467	+ 5·483	— 1	…	…
…	−27·532	— 3·901	— 5	…	…
…	26·074	−26·100	— 5	M	…
S	25·769	−16·494	0·90	46. 329	9·2
…	25·707	−54·004	— 4	…	…
…	23·553	−54·498	— 3	…	…
41–80					
41	′	′		°	
…	−23·280	−32·773	— 4	…	…
…	22·999	+18·266	— 2	…	…
…	22·914	+29·320	— 4	…	…
S *	22·238	−57·265	1·70	47. 353	8·3
…	21·473	−30·183	— 4	…	…
…	−21·270	+34·665	— 1	…	…
…	16·413	−14·434	— 5	…	…
…	15·767	+55·964	— 4	…	…
…	15·177	+31·876	— 5	…	…
‡	15·049	+ 0·733	1·20	46. 330	9·2
51					
…	−14·785	+42·555	— 3	…	…
…	14·643	−22·028	— 5	…	…
…	14·432	−56·521	— 5	…	…
…	13·544	+42·357	— 3	…	…
†	12·246	+54·787	— 3	…	…
…	— 9·630	−41·881	— 5	…	…
…	9·307	+15·702	— 3	…	…
S *	8·588	+24·095	1·05	45. 347	9·0
*	5·792	+50·230	0·95	45. 348	9·8
…	5·420	+50·580	— 5	*m*	…
61					
…	— 5·412	−44·441	— 1	…	…
S *	4·149	+ 6·726	1·90	45. 349	8·3
…	3·068	−46·328	— 3	…	…
…	— 2·591	+57·901	— 5	*m*	…
…	+ 1·919	−21·501	— 5	…	…
…	+ 3·109	−20·714	— 3	…	…
…	4·442	+13·882	— 5	…	…
…	8·676	−30·425	— 3	…	…
…	9·542	−41·156	— 4	…	…
…	11·296	−32·785	0·70	…	…
71					
…	+12·948	— 0·202	1·00	46. 331	9·6
…	20·055	−35·325	— 3	…	…
…	20·311	— 9·702	— 5	…	…
…	21·496	−18·378	0·95	46. 332	9·8
…	22·063	+42·978	0·75	…	…
…	+26·002	+ 1·151	1·00	46. 333	9·9
*	26·331	+38·889	1·15	45. 352	9·7
S *	26·461	+40·697	1·10	45. 353	9·2
…	26·719	+29·604	— 5	…	…
…	27·020	−25·919	— 5	…	…
81–117					
81	′	′		°	
…	+27·247	−34·011	— 5	*m*	…
…	28·150	+32·391	— 5	…	…
…	28·724	−11·143	— 4	…	…
…	31·311	— 1·945	— 4	…	…
S *	31·489	+13·152	1·10	45. 354	9·2
…	+31·546	−39·660	0·70	…	…
…	32·154	+33·454	— 1	…	…
…	33·271	— 0·891	— 4	…	…
…	36·765	+ 4·853	— 2	…	…
…	36·914	+45·510	— 1	…	…
91					
*	+38·098	−18·623	0·95	46. 334	9·7
…	38·398	+ 4·468	— 3	…	…
…	40·805	−33·735	— 4	…	…
…	41·254	+ 1·306	— 4	…	…
…	41·424	+ 7·528	— 2	…	…
*	+41·776	−38·148	1·40	46. 335	8·8
…	44·881	+28·465	— 3	…	…
…	45·783	−14·814	— 5	*m*	…
S *	45·802	+ 5·498	1·00	45. 355	9·6
…	45·887	+51·491	— 5	…	…
101					
…	+46·156	−24·343	— 3	…	…
…	46·909	−20·293	— 4	*e*	…
…	47·624	−14·410	— 2	…	…
…	48·807	−10·576	— 4	…	…
…	48·850	+ 6·220	— 3	…	…
…	+49·636	+47·603	— 3	…	…
S *	50·222	−24·474	1·35	46. 336	8·8
…	50·272	−14·822	— 1	…	…
…	51·023	— 4·691	— 1	…	…
…	51·156	−40·193	— 1	*e*	…
111					
S *	+53·729	−34·490	2·65	46. 337	8·0
…	55·658	+35·398	— 5	…	…
…	57·580	+15·074	0·70	…	…
*	57·638	+ 2·196	1·00	46. 339	9·6
*	57·643	+ 3·733	0·95	46. 338	9·7
…	+57·736	+ 1·820	— 1	…	…
…	58·474	−51·276	— 3	…	…

L measured from 1, 65.
MC ,, ,, 35, 84.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
1–10					
1	′	′		°	
S *	−58·592	+ 5·299	1·00	45. 355	9·6
…	57·321	−24·521	— 4	…	…
…	56·681	−20·447	— 5	E	…
…	56·166	−14·534	— 2	…	…
…	56·082	+47·486	— 4	…	…
…	−55·565	+ 6·113	— 3	…	…
…	53·482	−14·863	0·65	…	…
S *	53·226	−24·519	1·10	46. 336	8·8
…	53·058	— 4·718	0·70	…	…
…	51·800	−40·201	— 5	E	…
11–20					
11	′	′		°	
…	−49·691	+35·484	— 5	…	…
S *	49·403	−34·411	2·10	46. 337	8·0
…	47·136	+15·227	0·90	…	…
…	46·704	+ 3·912	1·00	46. 338	9·7
…	46·661	+ 2·379	1·00	46. 339	9·6
…	−46·557	+ 2·008	0·85	…	…
…	44·788	+52·632	1·05	45. 356	9·4
…	44·786	+53·928	— 4	…	…
…	44·148	−51·029	— 4	…	…
*	43·911	— 6·179	1·10	46. 340	9·2
21–30					
21	′	′		°	
…	−43·060	−29·716	— 4	…	…
…	42·195	+30·167	— 3	…	…
…	41·750	+31·161	— 3	…	…
…	40·795	−53·216	— 5	…	…
…	39·282	−55·576	— 5	…	…
…	−38·673	−28·868	— 5	…	…
…	38·433	−11·812	0·75	…	…
…	37·477	+16·584	— 5	…	…
…	36·026	+23·115	— 3	…	…
…	35·384	−44·071	— 5	…	…

L measured from 1, 58.
MC ,, ,, 34, 85.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
31-60					
31					
...	−34·614	− 4·357	0·75	...	...
...	31·167	−43·730	− 5	...	...
...	30·320	−27·691	1·00	46. 341	9·7
...	29·261	+17·288	− 3	...	...
..	27·855	−53·159	0·80	...	...
...	−27·649	−38·447	0·80	46. 342	9·8
...	24·387	+41·861	− 4	...	...
...	23·967	−12·170	− 3	...	...
...	23·610	−22·503	− 1	...	...
...	23·009	−18·865	− 3	...	...
41					
...	−21·995	−57·007	− 2	...	...
...	21·992	+20·906	− 2	...	...
...	21·877	+24·144	− 2	...	...
...	20·188	−55·398	− 1	...	...
...	19·398	+26·301	− 2	...	...
...	−19·273	− 7·840	− 1	...	...
...	13·294	− 2·910	− 5	...	...
...	11·434	−38·469	− 2	...	...
...	11·335	+10·780	− 2	...	...
S *	10·851	−16·611	4·00	46. 343	7·0
51					
...	− 9·867	−47·275	− 4	...	...
...	7·704	− 5·904	1·00	46. 344	9·3
...	6·272	−41·096	− 1	...	...
...	6·249	−41·161	− 4	...	...
...	3·118	+24·803	− 1	45. 357	9·9
...	− 2·394	−28·074	0·90	46. 345	9·6
...	− 1·085	−14·463	− 1	...	...
S *	+ 0·994	+38·338	1·05	45. 358	9·1
...	1·834	+15·894	− 5	45. 359	9·9
...	2·518	+22·662	− 5	...	...
61-90					
61					
S	+ 2·787	+25·522	0·93	45. 360	9·6
...	7·113	+31·278	− 5	...	...
...	8·015	− 8·910	1·00	46. 346	9·4
...	9·226	−15·072	0·85	46. 347	9·9
...	11·048	−29·549	− 2	...	...
...	+11·081	+50·940	− 1	...	...
...	11·570	+23·368	− 5	...	...
S *	12·528	+54·755	1·40	45. 361	8·8
...	12·874	+10·449	− 5	...	...
...	14·344	+54·775	− 5	...	...
71					
...	+14·607	+38·683	0·65	...	...
...	16·023	−45·016	1·00	46. 349	9·6
S *	16·254	−14·490	2·10	46. 348	8·2
...	16·632	−13·811	− 4	46. 350	9·9
...	17·321	+16·864	− 5	...	...
†	+18·986	+14·943	− 4	...	...
...	19·506	−37·114	− 4	...	...
...	21·065	−18·103	− 5	...	...
...	23·448	−46·776	0·75	...	...
...	24·842	+27·687	− 2	...	...
81					
...	+27·311	−51·236	− 4	...	...
S	27·725	+22·678	0·95	45. 363	9·4
...	28·627	+35·289	− 5	...	...
...	29·280	−25·892	− 4	...	...
...	29·969	+22·190	− 4	...	...
...	+31·380	+ 1·483	− 1	...	...
...	32·169	−30·156	0·95	46. 351	9·4
...	35·489	−59·539	−3	...	...
S *	37·505	−31·178	1·00	46. 352	9·3
...	38·004	+56·449	− 4	...	...
91-114					
91					
S *	+38·095	− 8·911	1·25	46. 353	8·5
...	39·016	+27·259	− 4	...	...
...	40·014	−48·925	0·85	...	...
...	42·288	+ 7·085	− 3	...	...
...	42·516	−38·777	− 4	...	...
†	+42·877	+45·022	− 3	...	...
...	43·162	+19·755	− 3	...	...
...	43·956	−51·893	− 1	...	...
...	44·210	−31·648	− 2	...	...
...	45·628	+ 4·882	− 3	...	...
101					
...	+46·350	−48·272	− 5	*e*	...
...	47·566	+58·930	1·10	45. 364	9·4
*	48·661	+ 7·066	0·95	45. 365	9·6
...	49·299	−23·978	− 2	...	...
*	50·043	−23·992	0·95	46. 354	9·6
...	+50·083	+ 7·324	0·85	45. 366	9·7
...	50·584	+30·510	0·85	45. 367	9·7
...	51·650	−23·078	− 3	...	...
...	55·913	−27·067	− 1	...	...
*	55·987	+30·811	1·60	45. 368	8·4
111					
...	+56·251	−29·630	− 5	...	...
...	57·887	− 4·072	− 5	...	...
...	58·530	− 6·683	− 1	...	...
...	58·782	−30·198	− 5	...	...

1-20					
1					
...	−59·469	+36·140	− 5	M	...
...	59·332	+23·531	− 5	M	...
*	59·006	−31·883	0·90	...	...
...	58·746	+ 4·675	0·70	...	...
...	58·692	+51·679	− 5	M	...
...	−58·612	−52·130	0·80	...	...
*	58·504	+58·772	1·90	45. 364	9·4
...	58·066	−27·243	− 5	M	...
...	57·229	−16·991	− 5	M	...
...	56·346	−48·436	− 1	E	...
11					
*	−55·782	+ 6·963	1·10	45. 365	9·6
...	55·614	+22·581	0·70	...	...
*	54·581	+30·457	1·20	45. 367	9·7
*	54·376	+ 7·259	1·00	45. 366	9·7
...	54·155	−24·037	0·85	...	...
...	−53·647	+11·966	− 3	B	...
*	53·410	−24·043	1·05	46. 354	9·6
...	52·899	−27·936	− 5	M	...
...	52·540	−23·416	− 5	M	...
...	52·009	+17·021	− 5	M	...
21-40					
21					
...	−51·954	+21·892	− 5	M	...
...	51·848	−23·078	0·85	...	...
...	51·017	− 4·058	0·65	B	...
...	50·888	−56·015	− 3	M	...
...	50·528	− 9·244	− 1	B	...
...	−50·416	−16·115	− 5	M	...
...	50·190	−45·296	− 5	M	...
†	49·936	− 9·084	− 4	M	...
...	49·709	+30·567	− 2	A	...
...	49·368	−19·214	− 3	M	...
31					
...	−49·323	+52·565	− 4	M	...
*	49·186	+30·923	2·00	45. 368	8·4
...	49·133	+54·246	− 5	M	...
...	48·702	+36·163	− 5	M	...
...	48·594	− 3·305	− 5	M	...
...	−48·188	−17·497	− 4	M	...
...	47·879	+19·130	− 4	M	...
*	47·458	−26·929	0·95	...	...
...	47·038	−29·508	0·65	...	...
...	46·267	+14·394	− 1	...	...
41-60					
41					
...	−46·207	− 3·879	0·70	...	...
*	45·494	− 6·470	0·95	...	...
...	45·391	−14·100	− 4	M	...
...	45·245	+50·882	− 4	M	...
...	44·502	−29·962	0·70	...	...
...	−44·436	+18·362	0·65	...	...
...	44·225	+ 0·075	0·80	...	...
†	43·508	+44·643	− 5	M	...
...	43·494	− 3·106	− 4	M	...
...	43·411	−44·399	− 4	M	...
51					
...	−43·252	+42·739	− 4	M	...
...	42·784	−22·584	− 5	M	...
...	42·710	−48·606	− 4	M	...
...	42·648	+36·334	0·65	A	...
...	42·408	+36·441	− 5	M	...
...	−42·209	−35·275	− 4	M	...
...	41·984	+47·408	− 5	M	...
*	41·969	+ 1·506	1·00	46. 355	9·9
*	41·881	+14·211	1·30	45. 369	9·6
S ‡	41·738	+54·642	1·95	45. 370	8·8

NM measured from 1, 45, 108, 193, 271, 345, 419.
HT ,, ,, 29, 87, 153, 237, 311, 396.
Diameters 1·0 and above under-estimated; fainter stars over-estimated.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
61-120					
61					
...	−41·403	−17·373	− 4	M	...
...	40·394	−46·578	− 4	M	...
...	40·205	+50·855	− 5	M	...
...	40·117	−30·182	− 1	A	...
*	39·636	+22·696	0·90	...	...
...	−39·628	−37·669	− 5	M	...
...	39·416	+30·575	0·65	A	...
...	39·293	−51·724	0·70	...	...
‡	39·136	−50·006	0·90	...	...
...	39·123	+22·871	0·70	B	...
71					
...	−38·938	+57·879	− 5	M	...
...	38·881	−49·659	− 4	M	...
...	38·852	+ 0·798	− 2	B	...
...	38·697	− 4·117	− 3	M	...
...	38·255	−40·060	− 2	M	...
...	−38·126	−28·817	0·65	A	...
...	38·030	− 3·962	− 5	M	...
...	37·396	−33·728	− 5	M	...
...	37·316	+53·265	− 5	M	...
...	37·251	+ 8·086	− 4	M	...
81					
...	−37·159	+25·443	− 3	B	...
...	36·580	+ 4·007	− 2	B	...
...	36·309	+51·542	− 3	M	...
*	36·161	+35·621	0·90	...	...
...	35·833	− 3·246	− 2	M	...
†	−35·058	+56·471	− 4	...	...
...	35·038	−14·874	0·65	...	...
...	34·680	−33·438	− 4	M	...
...	34·450	−21·564	− 4	M	...
*	34·275	−27·325	0·85	...	...
91					
*	−34·201	+24·432	1·50	45. 371	9·0
*	34·183	− 9·400	0·95	46. 356	9·9
...	34·181	−33·937	− 5	M	...
...	34·011	+38·910	− 1	...	...
...	33·999	+36·614	− 4	M	...
S *	−33·238	+18·559	2·90	45. 372	7·5
...	32·982	+37·938	− 2	B	...
...	32·966	− 7·209	− 2	M	...
...	32·604	+47·304	− 5	M	...
...	32·496	+21·584	− 4	M	...
101					
...	−32·402	− 0·287	− 2	M	...
...	31·860	−54·104	− 4	M	...
*	31·633	+31·149	1·95	45. 373	8·5
...	31·605	+18·645	− 3	M	...
*	30·944	− 7·591	1·00	46. 357	9·7
...	−30·816	+12·318	− 5	M	...
...	30·326	+23·041	− 4	M	...
...	29·881	+14·057	0·65	...	...
...	29·735	+53·667	− 5	M	...
...	29·410	−23·707	− 5	M	...
111					
...	−29·199	+13·353	− 4	M	...
...	29·084	−30·416	0·65	...	...
...	28·921	−11·738	− 3	M	...
*	28·882	+42·007	0·85	...	...
...	28·690	+12·956	− 5	M	...
...	−27·996	−12·932	− 4	M	...
...	27·846	−49·348	− 1	A	...
...	27·785	−27·200	− 3	M	...
...	27·752	−53·319	− 5	M	...
...	27·595	− 7·809	− 5	M	...
121-180					
121					
...	−27·499	+18·864	− 4	M	...
...	27·387	−46·304	− 5	M	...
...	26·432	+24·547	0·70	...	...
...	26·334	+16·043	0·70	...	...
...	26·173	+17·412	− 5	M	...
...	−26·136	−21·654	− 5	M	...
*	25·220	−27·214	0·90	...	...
...	25·211	− 8·302	− 5	M	...
...	24·055	− 1·982	− 5	M	...
...	23·903	+15·805	0·80	...	...
131					
*	−23·758	+50·034	1·00	...	...
...	23·629	+12·804	− 5	M	...
S *	23·526	−56·716	1·15	47. 386	9·1
...	23·514	+12·645	− 3	M	...
...	23·497	−12·631	0·70	A	...
...	−23·465	+24·217	− 2	B	...
*	23·224	−44·416	1·08	46. 358	9·7
...	23·192	+41·673	− 1	B	...
...	23·101	+38·425	0·80	...	...
...	22·704	−50·330	− 5	M	...
141					
*	−22·487	−12·773	1·10	46. 359	9·8
...	22·468	−51·434	− 4	M	...
...	22·114	+22·468	0·65	...	...
...	21·567	−58·758	− 5	M	...
...	21·517	+ 8·417	− 5	M	...
*	−21·497	−48·755	1·10	46. 360	9·9
...	21·395	+34·408	− 5	M	...
...	21·332	−46·159	− 5	M	...
...	21·231	−40·937	− 1	B	...
*	20·963	+51·164	0·95	...	...
151					
...	−20·780	−43·960	− 5	M	...
...	20·568	+ 9·650	0·75	...	...
...	19·682	−48·679	− 5	M	...
...	19·553	−23·624	− 4	M	...
...	19·079	+27·562	− 3	M	...
...	−19·048	−56·145	− 3	M	...
...	18·999	−35·890	0·85	...	...
...	18·982	−27·671	− 4	M	...
...	18·883	+25·161	− 3	M	...
*	18·749	+12·898	1·15	45. 375	9·4
161					
...	−18·422	−12·596	0·85	...	...
*	17·749	+ 3·523	1·05	46. 361	9·7
...	17·350	+51·399	− 3	M	...
...	17·212	−28·037	− 3	M	...
...	17·087	−34·787	0·75	...	...
...	−16·857	− 2·950	− 3	M	...
...	16·363	− 1·814	− 2	M	...
...	16·248	+13·487	− 5	M	...
...	16·135	+37·654	− 4	M	...
...	16·068	−59·826	− 2	...	...
171					
...	−15·904	−42·626	− 5	M	...
...	15·717	−37·846	0·65	...	...
...	15·708	−34·534	− 2	M	...
*	15·598	−14·852	0·80	...	...
...	15·559	−18·726	− 5	M	...
*	−15·432	−15·914	1·05	46. 362	9·8
...	15·361	−14·830	− 5	M	...
...	15·296	−42·956	− 4	M	...
*	14·665	+18·689	0·80	...	...
S *	14·465	− 9·271	1·60	46. 363	8·8
181-240					
181					
...	−13·993	− 8·859	− 1	...	...
S *	13·455	−27·734	2·70	46. 364	8·0
...	13·402	−33·329	− 3	M	...
*	13·353	− 6·597	0·80	...	...
*	13·174	+37·091	1·10	45. 376	9·8
...	−13·145	+43·221	− 5	M	...
*	12·977	+44·103	0·95	...	...
...	12·879	−38·255	− 5	M	...
...	11·806	+32·473	− 3	M	...
...	11·110	+58·777	0·80	...	...
191					
...	−10·848	+40·510	− 2	A	...
†	10·121	+13·522	− 4	M	...
...	9·765	− 4·870	0·70	A	...
...	9·281	−26·251	− 5	M	...
...	9·115	+27·938	0·65	...	...
...	− 8·838	−44·145	− 3	M	...
...	8·727	+31·210	− 5	M	...
...	8·559	−41·141	0·65	A	...
...	7·883	+42·992	− 5	M	...
S *	7·743	−52·744	1·30	46. 365	8·8
201					
...	− 7·438	+17·186	− 5	M	...
...	7·436	− 2·743	0·65	B *m*	...
...	7·130	+18·923	− 3	M *m*	...
...	6·695	+19·124	− 5	M *m*	...
...	6·373	+37·107	− 4	M *m*	...
...	− 6·219	− 5·835	− 3	M *m*	...
...	6·205	+54·850	− 4	M *m*	...
...	6·043	+19·165	− 3	M *m*	...
S *	5·969	+45·380	2·20	45. 378	8·2
...	5·928	+40·073	0·70	...	...
211					
*	− 5·908	+ 8·698	1·00	45. 379	9·9
*	5·834	+ 7·971	1·60	45. 380	8·8
*	5·693	+26·270	0·85	...	...
...	5·532	+ 2·233	− 5	M *m*	...
...	5·496	−51·259	− 4	M *m*	...
...	− 5·476	+ 0·223	− 5	M *m*	...
...	5·213	+17·052	− 5	M *m*	...
‡	5·030	−44·241	1·05	46. 366	9·9
...	4·838	− 0·779	− 4	M *m*	...
...	4·704	+35·466	− 5	M *m*	...
221					
...	− 4·474	+58·279	− 5	M *m*	...
N *	4·056	− 7·636	1·20	M *m*	...
...	3·774	−34·385	− 2	M *m*	...
*	3·651	−36·510	0·90	...	...
...	3·162	− 7·627	0·65	B *m*	...
...	− 2·930	−11·460	− 1	B *m*	...
...	2·379	−18·556	− 2	M *m*	...
*	2·364	− 6·832	0·95	...	...
*	2·148	−16·613	1·05	46. 367	9·9
S *	1·264	+21·738	1·10	45. 381	9·2
231					
...	− 1·123	+56·518	− 5	M *m*	...
...	1·047	−53·777	− 1	M	...
...	0·995	−18·195	− 4	M *m*	...
...	0·550	−38·502	0·65	A *m*	...
*	0·290	+43·088	1·30	45. 382	9·3
†	− 0·230	+ 9·837	− 3	M *m*	...
...	+ 0·035	+20·894	0·70	...	...
...	0·186	+13·145	− 3	M *m*	...
...	0·367	−56·248	− 2	...	...
...	0·819	+41·920	− 5	M *m*	...

222. Var. L=8·5— < 11·0.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
241–300					
241					
...	+ 1′408	+13′910	− 4	M m	...
...	1·552	−28·536	− 1	M	...
...	1·621	−11·151	− 5	M m	...
*	1·756	−47·209	1·05	46. 368	9·6
...	1·898	− 2·246	− 5	M m	...
...	+ 1·968	+35·958	0·75	...	...
*	2·078	+39·286	0·95	45. 383	9·9
...	2·095	−23·994	− 5	M m	...
*	2·235	−42·220	0·85	...	...
*	2·280	−33·469	1·00	46. 369	9·9
251					
...	+ 2·300	−44·205	− 5	M m	...
*	2·324	− 9·345	0·95	...	...
...	3·151	−30·250	0·75	...	...
*	3·978	− 5·217	0·95	46. 370	9·9
...	4·021	−21·843	− 1	M	...
...	+ 4·312	+38·438	0·65	...	...
...	4·483	− 1·543	− 3	M m	...
*	5·187	− 3·288	0·95	...	...
...	5·538	− 8·380	− 5	M m	...
*	5·941	−50·170	0·75	...	...
261					
*	+ 5·943	+55·138	1·00	...	...
...	6·237	−49·438	− 2	...	...
*	6·450	−17·952	1·10	46. 371	9·4
...	6·800	−18·267	− 1	...	...
...	7·133	+25·716	− 3	M m	...
...	+ 7·602	−12·683	− 5	M m	...
*	7·875	−45·152	0·75	...	...
...	8·093	+29·338	− 5	m	...
*	9·339	+30·555	0·95	...	...
*	9·847	−34·072	1·15	46. 372	9·0
271					
...	+10·188	− 3·276	− 1	b	...
...	10·242	− 9·598	− 2	m	...
...	10·284	+36·507	0·70	...	...
...	10·332	+40·688	0·75	...	...
...	10·538	−21·779	− 1	a	...
*	+10·681	− 8·628	0·90	...	...
...	10·951	−33·015	− 4	m	...
...	10·968	+ 5·780	− 5	m	...
...	11·306	−21·346	− 5	m	...
...	11·564	−53·224	− 5	m	...
281					
...	+11·953	−37·058	0·70	...	...
...	11·990	−31·044	− 4	m	...
...	12·685	−39·757	0·65	...	...
...	13·153	−12·777	− 5	m	...
*	13·492	−38·155	1·00	...	...
...	+13·880	+32·677	0·65	...	...
...	14·483	+34·074	− 1	a	...
...	14·565	− 3·795	− 5	m	...
...	14·848	+50·270	− 5	m	...
...	15·101	−15·261	− 1	b	...
291					
...	+15·388	−21·433	− 2	m	...
S *	15·477	−42·612	3·30	46. 373	7·3
...	15·942	−14·057	− 5	m	...
...	16·051	−14·185	0·70	a	...
...	16·155	−16·616	0·70	...	...
...	+16·304	+40·646	− 5	m	...
...	16·542	+18·646	0·65	...	...
...	17·118	−30·799	− 5	m	...
...	17·383	+19·322	0·70	...	...
S *	17·463	− 4·244	1·00	46. 374	9·6
301–360					
301					
...	+17′850	−13′819	0·70	° ...	...
...	17·904	+15·251	0·70	...	...
...	17·951	+12·866	− 5	m	...
...	18·517	− 9·904	− 5	m	...
...	18·565	−18·794	0·70	...	...
...	+18·748	−12·569	− 2	m	...
...	18·935	−41·413	− 1	a	...
...	18·942	+54·068	0·80	...	...
*	19·140	+22·114	1·40	45. 384	9·3
...	19·334	−35·151	− 5	m	...
311					
†	+20·001	−44·099	− 4	m	...
...	20·547	+49·429	− 5	m	...
...	20·836	−13·117	− 4	m	...
*	20·846	+ 0·650	1·05	46. 375	9·6
†	21·281	−34·903	− 3	m	...
...	+21·744	−58·496	− 5	m	...
...	21·769	+22·600	0·70	...	...
...	22·812	+43·929	− 2	a	...
...	23·799	− 7·311	− 4	m	...
...	23·845	−36·839	− 3	m	...
321					
...	+23·955	+ 5·478	− 1	...	...
...	24·353	+55·161	− 3	m	...
...	24·554	+12·754	− 5	m	...
*	25·148	+43·612	1·10	45. 385	9·9
...	25·172	−31·287	− 1	...	...
...	+25·678	−10·993	0·80	...	...
...	25·757	−51·317	0·65	...	...
...	25·829	+20·211	0·75	...	...
...	25·853	+36·188	− 1	a	...
*	25·911	−35·370	1·10	46. 376	9·2
331					
...	+26·147	−31·458	− 4	m	...
...	26·339	+59·024	− 5	m	...
...	26·407	+ 2·415	− 1	b	...
...	26·677	+49·627	− 2	a	...
...	27·059	+20·403	− 5	m	...
...	+27·236	−22·018	− 1	...	...
...	27·238	+45·456	− 4	m	...
...	27·290	+ 2·972	− 2	d	...
...	28·043	+ 3·520	− 4	m	...
...	28·650	+ 6·404	0·65	...	...
341					
*	+28·879	+38·199	0·90	...	...
...	28·904	+32·270	− 4	m	...
...	29·296	− 1·179	− 3	m	...
‡	29·818	−30·520	1·05	46. 377	9·6
...	30·295	−54·164	− 5	m	...
...	+30·339	+34·130	− 4	m	...
...	30·344	−19·776	0·65	b	...
...	30·414	+34·048	0·65	a	...
...	30·567	−34·557	− 2	m	...
...	30·657	−31·882	− 2	m	...
351					
...	+30·670	−14·553	− 5	m	...
*	30·760	−10·642	0·95	46. 378	9·9
...	31·379	+40·993	− 1	b	...
...	31·638	+28·593	− 5	m	...
...	31·751	+28·232	− 5	m	...
*	+31·836	−39·718	1·05	46. 379	9·9
...	31·987	+20·000	− 5	m	...
...	32·211	−50·212	0·70	...	...
*	32·248	+48·239	1·20	45. 386	9·9
...	32·633	−17·223	− 5	m	...
361–420					
361					
S *	+33′220	+11′570	1·05	° 45. 387	9·4
...	33·345	−35·707	− 5	m	...
...	33·807	+37·146	− 3	m	...
...	33·901	+41·789	− 3	m	...
...	33·949	−47·260	− 5	m	...
...	+34·143	+16·863	0·70	...	...
...	34·594	−46·277	− 1	a	...
†	34·759	+23·530	− 3	...	...
...	34·841	+21·438	0·65	...	...
...	34·936	+11·821	− 4	m	...
371					
†	+35·052	+24·886	− 1	b	...
...	35·501	+58·941	− 5	m	...
...	35·767	−44·454	− 2	b	...
...	35·928	− 4·371	0·70	...	...
*	36·131	−16·761	0·95	46. 380	9·9
...	+36·180	+20·833	− 4	m	...
...	36·695	−20·304	− 4	m	...
...	36·990	+14·279	0·75	...	...
...	36·991	+ 1·050	− 5	m	...
*	37·101	+24·069	0·90	...	...
381					
...	+37·194	−24·540	− 5	m	...
...	37·302	−35·549	0·65	b	...
...	37·376	+ 7·765	− 3	m	...
...	37·432	+43·809	− 5	m	...
...	37·735	+13·786	0·70	...	...
*	+37·769	+11·959	1·20	45. 388	9·6
...	38·129	+23·310	− 5	m	...
...	38·165	−37·207	− 5	m	...
...	38·240	+12·546	− 5	m	...
S *	38·527	+35·691	1·10	45. 389	9·7
391					
...	+38·622	−47·005	− 5	m	...
*	38·692	+25·149	0·95	...	...
...	38·826	−57·240	− 5	m	...
*	38·892	+27·815	1·10	45. 390	9·9
...	39·099	+50·221	− 5	m	...
...	+40·290	+58·676	− 3	m	...
†	40·388	+49·901	0·70	...	...
...	40·651	+22·861	− 4	m	...
...	40·920	−12·431	0·65	...	...
...	41·215	−54·546	0·85	...	...
401					
...	+41·796	−38·287	− 1	...	...
...	42·761	−41·917	− 5	m	...
...	43·542	−38·493	0·85	...	...
...	44·037	−19·746	− 3	m	...
*	45·176	−47·920	1·05	46. 381	9·7
...	+45·929	−40·968	− 5	m	...
...	46·374	+30·559	− 2	...	...
...	46·855	−36·919	− 5	m	...
*	46·995	+39·220	1·05	45. 391	9·6
...	47·251	+31·886	− 2	a	...
411					
*	+47·567	+58·199	2·00	45. 392	8·7
...	47·859	− 0·461	0·75	...	...
...	48·207	−53·773	− 4	...	...
...	48·248	−49·959	− 4	m	...
...	48·491	+42·574	− 3	m	...
S *	+48·907	−40·370	2·20	46. 382	7·6
*	49·071	−36·203	1·05	46. 383	9·4
...	49·531	−30·155	− 4	m	...
...	49·857	− 5·563	− 5	m	...
...	50·196	+ 0·434	− 3	m	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
421-430					
421					
...	+50·627	−10·584	− 4	m	...
...	50·956	−29·725	− 2	m	...
†	51·456	− 9·966	− 1	a	...
...	51·662	+43·172	− 1	b	...
...	51·721	+38·424	− 1	a	...
...	+51·891	+56·467	− 5	m	...
*	52·030	−53·814	0·95	...	...
...	52·236	−17·948	0·70	...	...
*	52·284	+43·478	0·85	...	...
...	52·508	−49·703	− 5	m	...
431-440					
431					
...	+52·553	+ 8·824	− 4	m	...
...	52·958	−38·795	− 5	m	...
...	53·132	+ 6·588	0·70	...	...
...	53·273	−54·533	0·70	...	...
...	53·277	+36·607	0·80	...	...
...	+53·863	+ 2·362	− 5	m	...
...	54·041	−12·348	− 4	m	...
‡	54·637	−24·898	1·10	46. 384	9·9
...	55·170	− 7·170	0·70	...	...
...	55·750	−14·679	0·70	...	...
441-448					
441					
...	+55·864	+44·807	− 5	m	...
...	55·873	+23·201	− 4	m	...
...	56·197	+18·566	− 3	m	...
...	56·348	−42·581	0·75	...	...
*	57·940	− 2·815	1·00	...	...
...	+58·240	− 1·159	0·70	a	...
...	59·226	−53·291	− 5	m	...
...	59·299	− 9·284	− 5	m	...

	1-40					41-80					81-120				
1						41					81				
*	−58·467	+58·040	2.00	45. 392	8·7	*	−31·604	−38·480	0·90	46. 388	9·9	...	− 9·665	+45·684	− 5	...	...
...	58·451	+39·041	1·05	45. 391	9·6	...	31·493	− 8·989	− 5	M	...	...	9·097	+24·789	− 5	...	...
...	57·545	−48·120	1·05	46. 381	9·7	†	30·208	+10·049	− 2	...	...	...	8·806	+34·680	− 3	...	...
...	56·346	− 0·589	− 3	...	...	*	29·395	−13·076	0·95	46. 389	10·4	...	7·233	+50·641	0·70	...	...
S*	54·044	−40·449	2·00	46. 382	7·6	†	28·778	+25·092	− 4	...	...	...	6·710	−35·408	0·70	...	...
*	−54·021	−36·287	1·30	46. 383	9·4	...	−28·018	+36·508	0·75	...	...	...	− 6·119	− 5·455	− 4	M m	...
...	53·328	+43·460	− 4	...	...	...	26·091	+21·243	0·70	...	...	...	5·414	−16·124	− 4	M	...
...	52·109	+36·626	− 3	...	...	...	25·221	+29·752	− 4	...	...	...	5·029	−58·906	− 1	...	...
...	51·429	−17·935	− 4	...	...	†	24·909	+30·418	− 4	...	...	...	2·943	−28·681	0·70	...	...
...	51·308	+ 6·609	− 3	...	...	...	24·327	+23·011	− 5	M	...	...	2·259	+20·182	− 5	M	...
11						51						91					
...	−50·516	−53·790	− 4	...	...	*	−24·158	−29·930	0·95	46. 390	10·4	*	− 2·149	−41·515	0·95	...	...
...	48·831	− 7·064	− 5	...	...	...	23·978	+37·045	− 4	...	...	*	1·850	+14·876	0·95	...	...
†	48·809	−24·796	0·75	46. 384	9·9	...	23·761	−15·289	− 4	M	...	...	− 0·152	−49·353	0·65	...	...
...	48·035	−14·560	− 5	...	...	...	23·299	+22·139	0·70	...	...	*	+ 2·249	−26·282	0·95	46. 393	10·0
...	46·533	−42·427	− 4	...	...	...	23·261	+47·483	− 5	...	...	*	3·746	−22·342	0·85	46. 394	10·4
...	−46·203	− 2·631	0·70	...	...	...	−23·029	−15·931	− 5	M	...	...	+ 4·218	−44·974	− 2	...	...
...	45·968	+57·603	0·80	45. 393	9·9	...	22·767	−55·318	0·70	...	...	...	4·285	+ 8·779	− 1	...	...
...	43·960	+35·483	− 3	...	...	...	22·430	+11·623	0·80	...	...	...	5·134	+49·303	− 3	...	...
...	42·602	− 5·976	0·85	...	...	...	22·050	− 9·761	0·70	...	...	...	5·711	+21·370	− 2	...	...
...	42·570	−34·103	− 5	...	...	...	21·706	−18·046	− 4	...	...	...	5·763	+56·596	− 1	...	...
21						61						101					
...	−42·155	+ 4·831	− 5	...	...	S*	−21·398	+52·167	1·20	45. 394	9·2	S*	+ 5·945	+59·549	2·60	45. 397	7·5
S*	40·970	+ 2·436	0·95	46. 385	9·6	...	21·098	+51·849	− 4	...	...	...	6·810	+ 9·713	0·70	...	...
...	40·502	+ 4·461	− 5	...	...	...	20·976	+17·788	0·65	...	...	...	6·813	−44·098	− 4	...	...
...	39·097	+57·734	− 5	...	...	...	20·574	−45·508	− 4	...	...	...	6·986	−28·379	− 4	...	...
...	38·934	− 0·615	− 4	M	...	...	19·093	+33·649	− 5	M	...	...	7·243	− 3·811	0·65	...	...
...	−38·736	−12·028	− 4	...	...	S*	−18·746	−25·057	2·20	46. 391	7·6	...	+ 7·979	−59·316	− 3	...	...
...	37·788	+ 9·066	− 3	...	...	...	18·301	+32·530	0·70	...	...	...	11·691	−31·595	− 5	...	...
*	37·439	−26·206	1·30	46. 386	8·8	...	17·645	+20·375	− 5	M	...	...	12·988	+20·787	− 3	...	...
...	37·291	−17·795	0·80	...	...	...	17·590	−13·822	− 3	...	...	...	13·492	−27·680	0·70	...	...
...	36·961	+55·681	− 5	...	...	...	17·547	+29·299	− 3	...	...	...	13·525	−23·739	− 2	...	...
31						71						111					
†	−36·602	−54·776	− 1	...	...	...	−17·316	−43·013	0·90	...	...	...	+15·274	+38·776	− 1	...	...
...	36·367	− 2·011	− 3	...	...	...	17·187	+30·342	− 3	A	...	S*	15·415	−10·505	1·50	46. 395	8·4
...	36·112	+35·320	− 2	...	...	*	17·119	+25·298	0·90	45. 395	10·4	...	17·156	+12·741	− 2	...	...
...	35·940	+29·935	− 1	...	...	S*	16·487	−58·982	1·20	47. 400	10·0	...	17·446	−51·366	− 3	...	...
...	35·577	+44·569	− 5	...	...	*	16·444	+29·931	0·90	...	...	...	17·643	−47·841	− 5	...	...
...	−34·683	−32·660	0·65	...	...	...	−15·263	+10·338	0·70	...	...	...	+18·688	−48·625	0·75	...	...
*	33·963	−31·054	1·15	46. 387	9·2	*	14·133	−31·964	1·00	46. 392	10·4	...	20·089	+47·645	− 3	...	...
...	33·673	+40·845	− 5	...	...	...	13·567	−12·647	0·80	...	...	...	20·706	+57·966	− 5	...	...
...	32·682	−10·207	− 2	...	...	...	10·932	−24·200	− 4	...	...	†	21·084	+45·036	− 4	...	...
...	32·619	−10·209	− 3	...	...	...	9·786	−46·218	0·90	...	...	...	22·120	−46·593	− 5	...	...

ES measured from 1, 94.
NM ,, ,, 44, 135.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
121-150					
121				°	
...	+22′·474	−15′·890	− 2	...	...
...	22·712	− 7·526	− 2	...	...
...	23·536	−41·162	− 3	...	...
...	23·773	−42·697	0·75	...	...
...	24·449	−33·258	− 3	...	...
*	+25·100	+53·266	0·95	...	...
...	25·398	−10·437	0·65	...	...
S *	25·551	+ 3·709	2·30	46. 396	7·2
...	25·765	−44·285	− 5	*m*	...
*	26·022	−23·964	1·00	46. 397	9·8
131					
*	+26·446	+24·093	0·90	45. 400	10·2
...	26·721	+38·654	0·80	...	...
...	27·406	−53·640	0·65	...	...
...	28·146	+11·979	0·65	...	...
...	30·111	− 5·890	0·65	...	...
...	+30·147	+19·660	0·65	...	...
...	30·485	+56·775	− 5	...	...
...	31·997	+24·677	− 4	...	...
...	32·645	+53·542	0·75	...	...
*	33·215	−55·020	1·50	46. 398	9·6
141					
...	+33·260	−25·774	− 5	*m*	...
...	34·589	+10·988	− 5	...	...
...	35·529	+10·843	0·70	...	...
...	35·921	−30·546	0·65	...	...
...	36·923	−44·845	0·65	...	...
...	+37·022	−39·343	− 5	*m*	...
...	37·337	+13·508	− 5	*m*	...
...	37·864	− 2·206	− 5	*m*	...
...	37·924	+10·587	− 5	*m*	...
...	38·291	+49·656	− 3	...	...
151-180					
151				°	
...	+38′·521	+46′·730	− 5	...	...
...	38·801	−37·236	0·65	...	...
...	39·292	+58·250	− 5	...	...
*	39·520	−13·517	0·90	...	...
...	40·153	+52·874	0·65	...	...
...	+40·957	+21·336	− 5	...	...
S *	41·605	−34·207	2·00	46. 399	7·8
*	41·607	+46·983	2·00	45. 401	8·2
...	41·755	− 5·644	0·75	...	...
...	42·081	+28·638	− 5	...	...
161					
...	+42·192	+17·363	0·85	...	...
...	43·078	−33·329	0·80	...	...
...	43·940	−33·484	0·70	...	...
...	44·821	+11·468	− 4	...	...
...	45·844	+51·275	− 5	...	...
*	+45·883	−51·698	1·50	46. 400	10·2
...	47·734	−17·047	− 3	...	...
...	48·859	− 5·659	0·75	...	...
...	49·612	+57·145	− 4	...	...
...	49·755	+33·988	0·85	...	...
171					
*	+50·689	− 7·287	1·00	46. 401	10·4
...	53·292	−24·612	− 3	...	...
S *	53·299	+30·655	1·80	45. 402	8·5
*	53·458	−23·776	1·00	...	...
...	53·835	−17·340	0·65	...	...
...	+54·701	−32·698	0·70	...	...
...	55·884	−32·517	0·75	...	...
S *	56·778	− 8·222	2·80	46. 402	6·8
...	57·177	+13·993	− 3	...	...
...	58·103	− 7·374	− 5	...	...
181-182					
181				°	
*	+59′·656	+37′·291	1·10	...	...
*	59·735	+ 5·581	0·95	45. 403	10·4

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
1-20					
1				°	
...	−56′·713	−51′·888	1·05	46. 400	10·2
...	56·650	−35·842	− 5	M	...
...	56·402	+57·041	− 5	...	...
...	55·536	+33·893	− 1	...	...
...	55·189	− 5·767	− 4	...	...
...	−53·306	− 7·338	0·95	46. 401	10·4
S *	51·885	+30·681	1·90	45. 402	8·5
†	50·001	−23·733	− 1	...	...
...	49·853	−17·288	− 3	...	...
...	48·510	−32·601	− 5	...	...
11					
...	−47·485	+14·133	− 5	...	...
...	47·317	−32·390	− 2	...	...
S *	47·166	− 8·075	3·50	46. 402	6·8
...	46·671	+57·773	− 5	...	...
...	45·750	+37·494	0·90	...	...
...	−44·663	+ 5·811	1·00	45. 403	10·4
...	42·718	−31·778	− 4	...	...
S *	41·945	−26·032	0·95	46. 403	10·3
†	41·823	+24·783	0·90	...	...
...	41·586	−50·604	− 5	...	...
21-40					
21				°	
...	−40′·033	+43′·577	− 5	...	...
...	38·149	+41·552	− 5	...	...
...	36·556	+47·132	1·00	45. 404	10·2
...	36·387	− 8·425	− 4	...	...
†	35·153	+22·931	1·00	45. 405	9·8
*	−33·902	+20·256	1·00	45. 406	9·8
...	33·310	+27·977	0·90	...	...
...	32·016	+51·500	− 3	...	...
...	30·840	−43·088	− 4	...	...
...	29·820	+ 8·782	0·65	...	...
31					
...	−28·947	+33·619	− 2	...	...
...	27·722	− 8·683	− 3	...	...
...	27·186	− 9·562	− 1	46. 404	10·4
S *	26·993	+13·621	1·90	45. 407	8·4
...	26·918	−24·096	− 4	...	...
...	−26·039	+11·304	0·80	45. 408	10·4
...	24·252	−18·686	− 4	...	...
...	22·986	+18·882	− 2	...	...
...	19·720	+47·535	− 3	...	...
...	19·691	+48·482	− 4	...	...
41-60					
41				°	
...	−18′·165	+ 1′·260	− 3	46. 405	10·4
*	16·121	+31·004	1·30	45. 409	9·2
...	15·724	+28·330	− 4	...	...
...	15·550	+22·003	1·00	45. 410	10·0
...	15·527	+23·641	1·00	45. 411	9·8
...	−15·397	−41·014	− 4	...	...
...	15·385	+ 2·210	− 3	...	...
...	15·235	−14·081	− 1	...	...
*	14·913	+55·557	1·00	45. 412	9·2
S *	9·679	+46·468	1·20	45. 413	8·6
51					
...	− 9·370	−51·880	− 2	...	...
...	9·314	+52·231	− 4	...	...
...	8·989	−49·255	− 4	...	...
...	8·052	+18·231	− 5	...	...
S *	4·838	+22·650	1·70	45. 415	8·3
...	− 4·684	+32·210	0·80	45. 416	10·4
...	4·642	−46·920	− 5	...	...
...	4·406	−30·359	− 2	...	...
...	3·718	− 6·692	− 4	...	...
...	3·710	+15·709	− 1	45. 417	10·3

L measured from 1.
MC ,, ,, 30.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
61-80					
61					
...	− 0·564	+46·989	− 3	...	...
...	− 0·510	+46·016	0·90	45. 418	10·3
...	+ 0·755	+58·500	− 5	...	...
...	2·596	−26·336	− 1	46. 406	10·2
*	7·098	− 4·478	1·60	46. 407	8·6
S	+ 7·571	−26·320	1·00	46. 408	9·4
...	10·268	−45·316	− 2	...	...
*	11·282	−22·885	3·80	46. 409	7·0
*	12·520	+28·425	1·70	45. 419	8·4
*	12·789	+20·780	1·40	45. 420	8·6
71					
...	+12·847	+ 5·379	− 2	45. 421	10·4
...	13·145	−42·112	− 5	...	...
...	13·811	+39·332	− 5	...	...
S *	14·338	+56·222	1·80	45. 422	8·5
...	16·458	−59·063	− 5	...	...
...	+17·306	+47·415	0·90	45. 423	10·3
...	18·593	− 6·697	0·95	46. 410	9·8
...	20·695	−35·833	− 4	...	...
...	21·525	−57·294	− 5	...	...
...	22·715	+57·784	− 5	...	...
81-100					
81					
...	+26·702	−28·120	− 1	46. 411	10·4
...	26·819	+33·993	− 4	...	...
*	27·668	+11·949	1·00	45. 425	9·8
S *	27·668	−12·972	1·50	46. 412	8·6
†	30·694	−29·969	− 4	...	...
...	+36·266	+18·777	− 1	45. 427	10·2
S *	36·269	+21·525	1·90	45. 426	8·2
...	36·532	+44·072	− 4	...	...
...	36·988	−37·150	− 4	...	...
...	37·673	−51·252	− 2	...	...
91					
...	+37·860	+19·504	− 4	...	...
...	39·143	+31·267	0·85	45. 428	10·4
...	40·208	+ 6·145	− 5	...	...
*	41·686	−38·301	0·90	46. 413	9·8
...	42·328	− 7·644	− 5	...	...
...	+44·495	+57·304	0·90	45. 429	10·3
...	45·160	−10·650	− 2	...	...
...	46·044	−55·166	− 1	...	...
...	47·140	−16·398	0·85	46. 414	10·3
...	48·307	+ 6·527	0·95	45. 430	10·0
101-109					
101					
...	+49·041	+31·369	0·70	...	...
*	50·624	+36·644	1·00	45. 431	9·8
...	51·131	+40·598	− 4	...	...
S *	51·465	+ 5·870	2·50	45. 432	7·4
...	53·498	+25·583	0·90	45. 433	10·2
...	+54·276	+22·891	− 5	...	...
...	56·481	+45·536	− 3	...	...
†	58·209	+34·805	− 1	...	...
S *	58·678	−53·962	1·35	46. 415	9·4

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
1-30					
1					
...	−58·733	−10·868	0·70	...	...
...	56·575	−16·553	0·95	46. 414	10·3
...	56·455	−55·353	− 2	...	...
...	56·176	+31·261	0·90	...	...
*	56·127	+ 6·394	1·00	45. 430	10·0
*	−54·756	+36·577	1·05	45. 431	9·8
...	54·402	+40·538	− 5	...	...
S *	52·936	+ 5·834	2·40	45. 432	7·4
...	51·532	+25·607	1·00	45. 433	10·2
...	50·691	+22·943	− 5	...	...
11					
...	−49·194	+45·647	− 3	...	...
...	47·124	+34·978	0·75	...	...
...	46·131	+59·286	− 5	...	...
...	44·619	+15·768	− 3	...	...
S *	43·857	−53·730	1·15	46. 415	9·4
...	−42·609	−28·905	0·90	46. 416	10·4
...	40·982	−40·450	− 5	...	...
*	40·183	+58·584	1·25	45. 434	9·2
*	39·183	+34·556	1·00	45. 435	9·6
...	38·856	+23·982	0·85	...	...
21					
...	−37·751	−10·964	− 2	...	...
...	36·368	−25·765	− 3	...	...
...	36·297	−17·185	− 4	...	...
...	36·258	+51·306	− 4	...	...
...	35·166	+41·462	− 4	...	...
...	−33·721	−36·619	− 5	...	...
...	33·274	−42·839	0·75	46. 417	10·3
...	33·200	+31·787	0·75	...	...
...	33·081	+38·708	− 5	...	...
...	32·166	−50·377	− 3	...	...
31-60					
31					
*	−28·160	+10·814	1·00	45. 436	9·4
...	26·511	−24·339	− 2	...	...
...	26·328	−20·187	− 3	...	...
...	24·809	−12·944	− 4	...	...
...	24·133	+14·306	− 3	...	...
*	−24·096	+30·174	1·60	45. 437	8·8
...	23·622	+46·584	− 3	...	...
...	22·342	+32·273	− 5	...	...
...	21·861	+ 5·832	− 3	45. 438	10·4
...	21·237	−19·898	− 4	...	...
41					
...	−20·284	+27·416	− 5	...	...
...	19·523	+13·339	− 1	45. 439	10·3
S *	19·488	+43·128	2·00	45. 440	7·8
...	17·098	+20·511	− 1	...	...
...	16·139	+ 8·357	0·90	45. 441	10·0
†	−14·967	−37·992	0·70	46. 418	10·4
...	12·840	+51·774	− 1	...	...
...	12·393	+31·207	− 1	...	...
...	11·380	− 9·260	− 2	46. 419	10·4
...	7·621	−59·713	− 4	...	...
51					
...	− 6·766	−18·267	− 5	...	...
...	6·529	− 9·467	− 4	...	...
...	3·860	+19·541	1·00	45. 442	9·4
...	3·792	+32·990	− 3	...	...
S	3·767	−36·193	0·95	46. 420	9·8
S *	− 2·724	+16·915	1·35	45. 443	8·5
...	2·078	+14·274	0·90	45. 444	9·8
*	1·266	+30·429	1·00	45. 445	9·4
...	0·471	−43·450	− 1	46. 421	10·4
†	− 0·131	+ 4·234	− 4	45. 446	10·4
61-90					
61					
	+ 1·105	−49·394	− 2	...	...
...	1·376	+43·424	− 5	...	...
...	2·666	+38·517	− 5	...	...
...	3·730	−21·357	0·80	46. 422	10·4
...	3·980	−38·149	− 4	...	...
*	+ 5·849	+11·535	2·00	45. 447	8·6
...	6·621	−13·312	− 5	...	...
...	7·128	+ 4·106	− 5	...	...
*	8·114	+40·716	1·25	45. 448	8·8
...	8·386	+22·837	− 1	45. 449	10·4
71					
...	+10·293	+ 7·891	− 5	...	...
...	10·784	+48·148	− 5	...	...
...	11·503	+29·653	− 5	...	...
...	11·553	−14·191	− 5	...	...
*	11·776	+50·573	1·15	45. 450	9·2
...	+12·796	−12·970	1·00	46. 423	9·6
S *	13·387	−52·445	3·15	46. 424	7·2
‡	14·194	−59·801	1·25	47. 436	9·2
...	16·444	−57·774	− 5	...	...
...	18·326	−41·924	− 5	...	...
81					
*	+18·339	+47·824	1·00	45. 451	10·2
...	18·593	+59·443	− 3	...	...
...	20·755	+43·186	− 3	...	...
...	21·315	+38·462	1·00	45. 453	10·2
†	24·925	−52·346	− 1	...	...
S *	+25·823	+12·715	1·25	45. 454	9·0
...	26·107	+10·911	− 5	45. 455	10·4
...	26·213	−26·819	− 2	46. 425	10·4
...	26·624	−13·405	− 5	...	...
...	27·103	+54·261	− 5	...	...

L measured from 1. 61.
MC ,, ,, 31, 95.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
91–110					
91					
...	+27·905	+27·483	1·00	45. 456	10·2
†	28·043	−20·023	− 4	...	...
...	28·211	−24·197	0·95	46. 426	10·4
S *	28·423	+55·060	3·00	45. 457	7·1
...	30·275	−55·883	− 1	...	...
...	+30·425	−50·888	− 4	...	...
...	30·639	+10·098	− 3	45. 458	10·4
...	30·791	− 1·908	− 2	46. 427	10·4
*	32·288	+29·353	1·00	45. 459	9·0
...	32·340	−40·829	− 5	...	...
101					
...	+34·138	+27·299	− 4	...	...
...	35·245	+45·103	− 2	...	...
*	37·943	+44·054	1·10	45. 460	9·4
...	40·458	+ 8·155	0·90	45. 461	10·3
S *	40·602	−23·949	1·00	46. 428	8·8
...	+41·402	+53·865	− 4	...	...
...	41·645	+55·651	0·90	45. 462	10·4
...	41·984	+13·501	− 3	...	...
...	42·229	+40·754	− 4	...	...
...	43·095	−57·091	− 4	...	...
111–125					
111					
...	+44·294	+40·366	− 4	...	...
S *	46·910	−49·013	1·05	46. 429	9·0
...	47·538	−46·297	− 2	...	...
...	48·958	−12·760	0·70	46. 430	9·8
...	52·078	−24·166	− 5	...	...
...	+52·141	+29·702	− 4	...	...
...	52·355	−28·247	− 5	...	...
S *	52·604	+15·963	1·85	45. 464	8·2
...	52·716	+38·032	− 5	...	...
...	53·611	−19·845	− 3	...	...
121					
...	+54·267	+55·267	− 5	...	...
...	55·723	+ 7·842	0·65	...	...
...	56·059	−26·000	− 4	...	...
...	56·818	+51·415	0·90	45. 465	9·7
†	59·712	−22·700	− 1	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. ...	C.P.D. No.	C.P.D. Mag.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
1–30					
1					
...	−59·984	+41·552	− 5	M	...
...	59·332	−57·359	1·00	...	...
...	56·942	−49·483	− 5	...	...
...	56·670	−16·124	− 5	...	...
S *	55·769	−49·158	2·00	46. 429	9·0
...	−55·239	−46·437	1·00	...	...
*	54·872	−12·838	1·05	46. 430	9·8
...	54·408	+10·210	− 4	B	...
...	53·728	−35·608	− 3	...	...
...	53·209	−33·836	− 5	...	...
11					
...	−53·112	−59·084	− 4	...	...
...	53·028	+29·680	1·00	...	...
...	53·008	−58·226	− 5	...	...
...	52·703	+38·029	− 2	...	...
...	52·467	+54·607	− 5	...	...
...	−52·321	−59·004	− 5	...	...
S *	52·118	+15·965	2·90	45. 464	8·2
...	51·937	− 6·907	0·75	...	...
...	51·845	−11·173	− 3	...	...
...	51·687	+55·320	− 4	...	...
21					
...	−51·397	−24·162	0·85	...	...
...	51·344	−34·949	− 2	...	...
...	50·993	−28·238	0·90	...	...
...	50·609	−46·489	− 5	M	...
...	50·003	−19·792	1·00	...	...
...	−49·562	− 1·342	− 5	...	...
*	49·035	+51·547	1·35	45. 465	9·7
*	48·751	+ 7·946	1·05	...	...
...	48·250	+26·931	0·65	...	...
...	48·069	+24·323	− 5	M	...
31–60					
31					
...	−47·861	+29·388	− 3	...	...
...	47·804	−27·103	− 5	...	...
...	47·492	−44·702	− 5	...	...
...	47·337	−25·870	1·00	...	...
...	46·443	+41·426	0·65	...	...
...	−45·937	−11·476	− 5	...	...
...	45·797	+33·514	− 5	M	...
...	45·455	−28·569	− 5	...	...
†	45·240	− 9·939	− 5	...	...
†	45·199	+45·771	− 1	...	...
41					
...	−44·549	−55·264	− 5	...	...
...	44·178	− 9·406	0·70	...	...
*	44·012	− 5·650	1·15	46. 431	9·8
...	43·955	−16·443	− 4	...	...
*	43·804	−22·448	1·00	...	...
...	−43·292	+36·257	1·00	...	...
...	42·582	+ 3·687	− 5	M	...
...	42·420	+34·384	− 5	M	...
...	41·592	+42·245	− 3	...	...
*	41·466	−39·885	1·00	...	...
51					
*	−41·340	+56·481	1·30	45. 466	9·8
...	41·112	− 2·791	− 3	...	...
...	39·756	+ 9·786	− 2	...	...
...	39·332	−55·572	− 5	...	...
*	39·255	−45·339	2·00	46. 432	8·8
...	−38·538	−44·293	− 5	...	...
...	38·522	− 8·289	0·90	...	...
...	37·411	−30·352	− 2	...	...
S *	37·282	−44·256	4·00	46. 433	6·9
...	37·085	−21·163	0·85	...	...
61–90					
61					
*	−36·883	+23·524	1·20	45. 467	9·3
*	36·586	−59·446	1·40	47. 446	9·6
*	36·364	−30·757	1·00	...	...
*	36·224	+ 9·517	1·00	...	...
...	36·214	+ 5·018	− 4	M	...
*	−35·517	−58·700	1·05	...	...
...	35·275	−33·243	− 5	...	...
‡	35·274	− 3·544	1·05	46. 434	9·8
*	34·764	+41·730	2·10	45. 468	8·8
...	34·266	+46·621	− 5	M	...
71					
...	−34·148	+32·391	− 2	...	...
...	33·169	+13·234	− 4	M	...
...	32·806	− 5·810	− 5	...	...
*	32·789	−29·051	1·00	...	...
...	32·787	− 0·344	− 5	...	...
*	−31·388	−38·237	1·05	46. 435	9·8
...	31·278	−44·140	− 2	...	...
...	30·878	+35·539	− 5	M	...
...	30·775	+ 9·492	0·90	...	...
...	30·385	+10·969	1·00	...	...
81					
†	−30·214	−24·612	− 2	...	...
...	30·005	−46·557	− 2	...	...
*	29·572	−45·343	1·20	46. 436	9·8
*	29·527	+41·261	1·90	45. 469	8·6
...	29·478	+44·244	− 2	...	...
*	−28·937	−51·806	1·00	...	...
...	28·904	−59·475	− 5	...	...
...	28·579	−28·552	− 3	...	...
...	28·216	+44·247	0·90	...	...
...	28·087	−25·330	− 5	...	...

L measured from 1, 182.
MC ,, ,, 82, 263.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
91–150					
91					
...	−27·073	−14·638	− 4	M	...
*	26·602	+23·727	1·10	45. 470	9·7
...	26·332	−28·702	− 4	...	...
...	26·184	−25·919	− 3	...	...
...	25·784	−44·632	− 5	M	...
...	−24·043	+41·418	0·95	...	...
*	23·967	−18·154	0·95	46. 437	9·8
...	23·844	+57·528	− 2	...	...
...	23·728	+15·599	− 4	M	...
...	23·648	−34·827	− 2	...	...
101					
S ‡	−23·582	+49·831	5·90	45. 471	5·3
...	23·228	+20·238	0·90	45. 472	9·8
*	23·078	+11·223	2·80	45. 473	8·8
...	23·048	−30·776	− 5	...	...
...	22·954	+57·607	− 1	...	...
*	−22·604	−44·302	1·40	46. 438	9·3
...	22·365	−26·869	− 4	...	...
...	22·168	−40·083	− 3	...	...
...	21·606	−51·148	− 2	...	...
...	21·391	−48·633	− 4	M	...
111					
*	−20·846	+51·691	2·00	45. 474	8·6
...	20·707	+37·257	− 3	...	...
S ‡	20·415	+25·446	3·00	45. 475	8·1
*	20·395	−13·076	1·80	46. 439	8·8
...	20·270	+57·541	− 4	...	...
...	−19·792	+21·695	1·00	45. 476	9·8
...	19·643	−12·468	− 2	...	...
*	19·090	−40·790	1·10	...	...
*	18·919	+54·292	1·00	...	...
S *	18·698	−45·236	1·60	46. 440	9·0
121					
...	−18·139	− 2·397	− 3	...	...
*	17·768	−57·883	1·20	47. 450	9·7
...	17·568	−34·375	− 4	M	...
...	17·152	+17·542	0·90	...	...
...	16·996	− 4·094	− 5	...	...
*	−16·752	+33·033	1·80	45. 477	9·2
...	16·305	+59·605	− 4	M	...
*	16·164	+47·068	1·20	45. 478	9·7
...	16·066	+54·100	0·90	...	...
*	15·276	+58·521	1·10	45. 480	9·8
131					
...	−14·847	+11·103	− 5	M	...
...	14·777	+51·388	− 2	...	...
...	14·751	+33·367	0·90	...	...
...	14·075	+33·288	− 3	...	...
...	13·631	+43·250	− 2	...	...
...	−13·502	+48·760	− 5	M	...
...	13·412	+ 3·890	− 3	M	...
...	12·348	+46·514	0·80	...	...
*	12·100	+ 8·314	1·20	45. 481	9·8
†	12·063	− 0·045	− 4	...	...
141					
*	−11·143	−37·147	0·90	...	...
...	11·055	−38·817	− 3	...	...
...	10·906	−23·691	− 3	...	...
*	10·568	+40·562	1·40	45. 482	9·4
†	10·133	−38·907	− 2	...	...
...	− 9·750	+47·081	− 5	M	...
*	9·644	−48·962	0·95	...	...
...	9·623	−46·211	− 5	...	...
...	9·029	−32·916	− 3	...	...
...	8·990	−57·680	− 5	M	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
151–210					
151					
...	− 8·374	−25·134	− 4	...	...
*	8·249	− 0·672	3·00	46. 441	8·4
...	7·692	− 4·065	− 4	...	...
...	7·541	+23·583	− 5	M	...
...	7·226	−37·525	− 2	...	...
...	− 6·877	−57·115	− 1	...	...
...	6·506	+49·425	− 1	*m*	...
*	6·445	+53·286	1·00	...	...
...	5·589	+ 7·243	− 2	*m*	...
...	5·583	+23·447	1·00	...	...
161					
...	− 5·521	−53·385	− 5	M *m*	...
...	5·441	+46·059	− 2	*m*	...
...	5·230	+47·883	− 5	M *m*	...
...	4·903	+33·153	0·75	...	...
...	4·835	−41·615	− 4	...	...
...	− 4·630	−54·248	− 5	M *m*	...
*	4·586	−35·334	1·00	...	...
S *	4·121	−15·749	1·90	46. 442	8·8
...	3·851	+52·331	− 5	M *m*	...
...	3·696	−57·524	0·80	...	...
171					
...	− 3·646	−53·516	− 5	M *m*	...
...	3·095	−18·475	− 4	*m*	...
...	3·080	−10·354	− 3	*m*	...
...	2·980	+33·888	− 5	M *m*	...
...	2·965	−28·831	− 1	...	...
...	− 2·656	−47·075	− 3	*m*	...
...	2·316	+48·770	− 3	M *m*	...
...	2·086	+45·322	− 5	M *m*	...
*	0·933	−12·605	1·00	46. 443	9·7
...	0·827	+47·758	0·80	...	...
181					
...	− 0·777	+51·400	− 1	...	...
...	+ 0·017	−48·195	− 2	...	...
...	0·557	−32·808	− 5	...	...
...	0·920	−43·050	− 5	*m*	...
...	1·019	+11·642	− 5	M *m*	...
...	+ 1·788	−59·130	− 3	...	...
*	1·897	−58·809	1·05	...	...
...	3·140	+38·864	− 3	...	...
...	3·404	+12·534	− 5	M *m*	...
...	3·541	+49·328	0·80	...	...
191					
...	+ 3·938	+44·619	− 5	M *m*	...
*	4·085	−39·663	1·05	46. 444	9·8
...	4·448	−55·019	0·80	...	...
*	4·975	+54·320	1·00	...	...
*	4·999	+47·180	1·00	...	...
...	+ 5·611	+49·255	− 2	...	...
*	6·176	+37·365	1·00	...	...
...	7·420	+56·131	− 3	*m*	...
...	8·026	+55·184	− 3	*m*	...
...	8·303	+ 6·487	− 2	...	...
201					
...	+ 8·423	+ 9·244	1·00	...	...
...	8·531	+38·442	− 3	*m*	...
...	8·693	−41·702	− 5	*m*	...
*	9·191	−38·322	1·00	46. 445	9·8
...	9·491	− 9·518	0·95	...	...
...	+10·182	−49·689	1·00	...	...
...	10·888	+31·686	− 5	*m*	...
...	11·217	+49·092	− 5	*m*	...
...	11·306	+57·225	− 3	...	...
...	12·027	+31·674	− 3	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
211–270					
211					
...	+12·139	+53·377	− 4	...	...
*	12·190	+32·300	1·00	...	...
...	12·525	+27·847	− 4	...	...
...	13·233	+37·941	− 5	*m*	...
...	13·775	+39·674	0·75	...	...
*	+14·094	− 7·861	1·00	46. 446	9·8
...	14·293	−20·851	− 5	*m*	...
†	14·661	−32·383	− 5	...	...
†	14·707	−43·242	− 2	...	...
...	14·762	+48·218	1·00	...	...
221					
...	+14·812	+31·881	− 5	*m*	...
S *	15·017	+51·775	1·90	45. 483	9·0
...	15·026	+28·587	− 5	*m*	...
...	15·292	−31·121	− 5	*m*	...
...	16·126	−27·416	− 5	*m*	...
...	+16·880	+30·662	− 5	*m*	...
...	18·173	−38·368	0·70	...	...
...	18·252	+51·479	− 3	...	...
...	18·564	+29·368	− 1	...	...
...	18·698	−57·530	0·80	...	...
231					
...	+18·729	+24·079	0·80	...	...
...	19·234	−13·281	− 5	...	...
...	19·369	+ 9·108	− 5	*m*	...
...	20·093	+41·290	1·05	...	...
...	21·065	+34·033	− 5	*m*	...
...	+21·103	+58·180	1·00	...	...
...	21·240	−28·588	0·85	...	...
...	21·316	+46·007	− 4	*m*	...
...	21·935	−17·889	− 4	...	...
*	22·637	+27·842	1·60	45. 484	9·3
241					
...	+22·819	+56·458	− 5	*m*	...
...	22·913	−33·479	− 3	...	...
*	23·084	+57·464	1·35	45. 485	9·2
...	23·145	−47·170	− 3	...	...
...	23·914	+19·269	− 5	*m*	...
...	+24·425	−16·500	− 3	...	...
...	24·785	+58·020	− 5	*m*	...
...	25·320	+ 4·292	0·95	...	...
...	25·441	−43·391	− 5	*m*	...
...	25·876	+10·389	− 5	*m*	...
251					
...	+26·718	−43·068	1·00	...	...
...	27·204	+ 3·931	− 4	*m*	...
...	27·616	+11·433	− 5	*m*	...
...	27·682	−34·712	1·00	...	...
...	27·754	+ 8·387	− 3	*m*	...
...	+27·755	−27·372	− 5	*m*	...
...	27·907	+39·779	− 5	*m*	...
...	28·728	− 5·755	− 4	...	...
...	29·033	−46·159	− 3	...	...
...	29·108	−58·289	− 3	...	...
261					
*	+29·110	+25·470	1·05	45. 486	9·8
...	29·145	−59·547	− 5	*m*	...
...	29·804	−10·339	0·85	...	...
...	30·403	+ 0·947	− 2	*b*	...
...	30·702	−50·803	− 1	...	...
*	+31·666	−33·649	1·60	46. 447	9·0
S *	31·997	+39·483	3·80	45. 487	7·4
...	32·535	−59·195	− 4	*m*	...
...	32·654	− 1·344	− 2	...	...
...	33·169	+40·184	0·90	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
271–310					
271	′	′		°	
*	+33·202	−29·597	0·90	...	...
†	33·403	−34·918	− 5	*m*	...
...	34·446	−26·998	− 4	*m*	...
...	34·765	+ 2·264	− 4	*m*	...
...	34·930	−33·328	− 1	...	...
...	+35·410	− 4·811	− 1	...	...
...	35·626	−33·221	− 1	...	...
S *	36·000	−28·905	1·95	46. 448	8·8
*	36·013	−41·690	1·00	...	...
...	36·101	−32·865	0·70	...	...
281					
*	+36·205	+ 5·302	1·00	45. 488	9·8
...	36·398	+50·277	− 5	*m*	...
*	36·464	+19·535	1·00	...	...
...	37·616	+58·483	− 5	*m*	...
*	37·715	−28·862	1·00	46. 449	9·8
...	+37·923	+39·380	− 4	*m*	...
*	37·941	−41·370	0·90	...	...
...	38·640	+40·313	− 5	*m*	...
...	38·788	+ 8·163	− 4	*m*	...
...	39·271	−39·345	− 4	*m*	...
291					
...	+39·394	−21·202	− 3	...	...
...	39·447	−49·643	0·90	...	...
...	39·559	−11·615	0·90	...	...
...	39·635	+38·933	− 3	*b*	...
†	39·661	+ 1·390	0·80	...	...
...	+39·910	+35·968	− 2	*b*	...
*	40·280	−28·543	1·20	46. 450	9·6
*	40·562	+51·423	1·90	45. 489	8·8
...	41·079	−37·696	− 3	...	...
*	41·098	−48·517	1·00	...	...
301					
...	+41·227	−45·111	− 4	*m*	...
†	41·230	+24·943	− 3	*m*	...
...	41·602	+24·734	0·85	...	...
*	41·756	−33·429	0·95	...	...
*	41·928	+57·222	1·70	45. 490	9·2
...	+42·088	−33·294	− 1	...	...
...	42·099	+20·476	− 3	*m*	...
...	42·807	−43·878	− 1	...	...
...	42·943	−11·663	− 4	*m*	...
...	43·492	+52·440	− 4	*m*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
311–350					
311	′	′		°	
...	+44·166	+ 6·979	− 5	*m*	...
...	44·375	−33·388	− 4	*m*	...
...	44·389	+ 2·294	0·80	...	...
...	44·445	−19·588	0·90	...	...
...	44·647	+47·314	− 1	...	...
...	+45·347	−35·281	− 2	...	...
...	46·647	−14·346	− 5	*e*	...
...	46·884	−41·373	− 4	*e*	...
...	47·027	−23·865	0·70	...	...
*	47·480	+37·374	1·20	45. 491	9·8
321					
...	+47·695	−13·969	− 4	*e*	...
...	47·718	+52·753	− 5	*e*	...
...	48·078	+14·547	0·90	...	...
...	48·432	+12·997	− 4	*e*	...
...	48·464	+23·788	− 5	*m*	...
*	+48·470	+54·546	1·80	45. 492	9·2
...	48·999	+19·787	0·80	...	...
...	49·046	−28·287	0·90	...	...
...	49·421	+28·999	0·90	...	...
*	49·893	+42·612	1·10	45. 493	9·8
331					
...	+49·913	−20·856	− 3	...	...
...	50·072	−43·721	− 4	*e*	...
...	50·610	− 6·047	− 1	...	...
...	50·885	−23·344	− 5	*e*	...
...	50·944	− 3·628	0·75	...	...
...	+51·082	+11·468	− 5	*e*	...
...	51·621	+ 3·612	− 2	*e*	...
...	51·655	−35·325	− 5	*e*	...
S *	51·680	+ 8·437	1·70	45. 495	9·4
...	51·812	−23·113	− 4	*e*	...
341					
...	+52·100	−46·741	− 5	*m*	...
...	52·657	−27·002	− 4	*e*	...
...	52·925	+24·172	− 1	...	...
*	53·318	−46·838	1·10	46. 451	9·8
...	53·889	+32·911	− 4	*e*	...
...	+54·135	−23·728	− 4	*e*	...
...	54·379	+11·567	− 1	*e*	...
...	54·904	−56·836	0·85	...	...
...	55·261	+43·090	0·90	...	...
...	55·531	+59·245	− 5	*e*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
351–367					
351	′	′		°	
...	+55·929	−21·798	0·90	...	...
...	55·940	+33·223	− 5	*e*	...
...	55·950	−20·187	− 5	*m*	...
...	56·224	−52·659	− 2	...	...
...	56·306	+ 5·995	− 4	*m*	...
...	+56·326	−57·627	− 4	*m*	...
*	56·601	+23·323	1·20	45. 496	9·7
*	56·877	−50·235	1·00	...	...
...	57·034	−23·217	− 2	...	...
...	57·085	+55·395	− 2	...	...
361					
...	+57·150	−27·091	− 2	...	...
...	57·346	+58·337	0·90	...	...
*	57·577	−49·132	1·20	46. 452	9·8
*	58·055	+39·316	1·00	...	...
...	58·117	+55·264	− 4	*e*	...
...	+58·369	−16·148	− 5	*e*	...
...	58·674	−13·475	0·80	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1–10					
1	′	′		°	
...	−59·891	+ 2·051	0·65	...	...
...	59·209	+55·000	− 5	M	...
*	59·150	−19·806	1·00	...	...
...	58·173	+52·596	− 5	E	...
...	57·977	−21·908	− 5	M	...
*	−57·886	+37·194	1·50	45. 491	9·8
...	57·754	−35·476	− 5	...	...
*	57·449	+54·385	2·60	45. 492	9·2
...	57·403	+57·148	− 5	M	...
...	57·091	−14·520	− 5	E	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
11–20					
11	′	′		°	
...	−56·593	+14·409	0·80	...	...
...	56·441	−24·013	0·65	...	...
...	56·196	+12·874	− 5	E	...
...	56·082	−14·101	− 5	E	...
...	56·041	−41·526	− 5	E	...
...	−55·822	+19·676	0·70	...	...
...	55·706	+28·897	0·95	...	...
*	55·672	+42·503	1·60	45. 493	9·8
...	54·273	−28·361	1·00	...	...
...	53·660	−20·929	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
21–30					
21	′	′		°	
...	−53·513	+11·420	− 5	E	...
...	53·414	+10·601	− 5	M	...
...	53·408	− 6·090	0·65	...	...
...	53·218	+24·339	− 5	M	...
*	53·150	− 3·663	0·90	...	...
S *	−52·794	+ 8·415	1·80	45. 495	9·4
...	52·784	−43·754	− 5	E	...
...	52·707	+ 3·574	− 4	E	...
...	52·610	−23·376	− 5	E	...
...	52·034	+24·168	− 1	...	...

NM measured from 1, 68, 138, 222, 307, 369.
ES ,, ,, 38, 105, 190, 263, 343, 410.

Images very diffused; faint stars very difficult to measure.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
31–90					
31					
...	−51′685	−23′099	− 4	° E	...
...	51·449	−35·310	− 5	E	...
...	51·352	+32·937	− 5	E	...
...	50·703	−26·957	− 5	E	...
...	50·534	+59·297	− 5	E	...
*	−50·285	+43·144	1·00	...	...
...	50·212	+11·628	− 1	E	...
*	49·433	−46·771	1·40	46. 451	9·8
...	49·339	−23·644	− 4	E	...
...	49·318	+33·313	− 5	E	...
41					
...	−48·883	+55·510	− 1	...	...
...	48·701	+58·465	0·70	...	...
*	48·351	+23·446	1·60	45. 496	9·7
...	47·860	+55·419	− 5	E	...
...	47·600	−21·680	0·80	...	...
...	−47·526	−56·720	0·80	...	...
...	47·390	+39·459	1·00	...	...
...	46·741	−28·025	− 5	M	...
...	46·471	−23·048	− 4	...	...
...	46·350	−52·515	− 4	...	...
51					
...	−46·216	−26·919	− 4	...	...
...	45·754	−50·062	1·10	...	...
...	45·327	−15·967	− 5	E	...
...	45·144	−13·261	0·65	...	...
*	45·113	−48·931	1·30	46. 452	9·8
...	−43·628	+16·101	− 4	M	...
...	43·581	+58·813	0·65	...	...
...	43·065	−22·307	− 5	M	...
...	42·803	−17·318	− 2	...	...
...	42·597	−15·613	− 5	M	...
61					
...	−42·338	−42·615	− 3	...	...
...	41·609	−48·588	− 3	...	...
...	41·522	+ 0·219	− 4	M	...
...	40·921	+57·231	0·80	...	...
*	40·653	−25·317	1·35	...	...
*	−40·548	−47·863	1·80	46. 453	9·4
...	40·538	+31·774	− 4	M	...
...	39·385	−25·972	0·70	...	...
...	39·350	+43·002	− 5	M	...
†	38·853	+44·989	− 5	M	...
71					
...	−38·789	+16·155	− 5	M	...
...	38·316	−45·267	− 5	M	...
*	38·015	+35·625	1·00	...	...
...	37·890	−18·326	− 4	...	...
...	36·782	+25·247	− 5	M	...
*	−36·757	+40·811	2·20	45. 497	8·6
...	35·981	− 8·541	0·90	...	...
...	35·396	+45·914	1·00	...	...
S ‡	35·053	+45·336	2·80	45. 498	8·3
...	34·992	+ 8·835	0·80	...	...
81					
...	−34·816	+27·488	0·80	...	...
*	34·626	+52·049	1·20	45. 499	9·8
...	34·551	+59·707	− 3	...	...
...	34·345	−58·640	− 5	M	...
...	34·317	+33·084	− 5	M	...
...	−34·078	+15·663	− 5	M	...
*	34·038	−16·911	1·50	46. 454	9·4
...	33·992	−15·023	− 5	M	...
*	33·960	+19·529	1·20	45. 500	9·8
...	33·747	+10·873	− 3	M	...
91–150					
91					
...	−33′573	+36′101	− 2	° B	...
...	33·286	+47·560	− 5	M	...
...	32·488	− 2·241	− 5	M	...
...	32·386	−47·923	0·80	...	...
...	32·172	+37·902	− 5	M	...
...	−31·985	−15·012	0·95	...	...
...	31·493	−37·077	− 5	M	...
...	31·364	− 3·079	− 5	M	...
...	31·210	−28·380	− 4	M	...
‡	31·074	−54·800	1·05	...	...
101					
...	−30·852	+33·887	− 5	M	...
*	30·830	−57·961	1·60	47. 466	9·8
...	30·823	−12·532	− 5	M	...
*	30·508	−43·738	1·05	...	...
...	29·525	−22·433	− 5	...	...
...	−29·396	+ 5·922	0·65	...	...
...	29·014	+17·179	− 2	M	...
...	28·828	+58·760	1·05	...	...
*	28·619	+19·897	1·20	45. 501	9·8
...	27·201	+56·771	0·75	...	...
111					
S *	−27·093	−29·246	2·20	46. 455	8·5
...	27·028	+48·288	− 5	M	...
*	26·695	−18·396	1·60	46. 456	9·2
...	26·258	+46·624	0·95	...	...
...	25·861	−22·749	1·00	...	...
...	−25·795	+16·574	0·70	...	...
...	25·618	−31·544	− 5	M	...
...	25·010	+45·912	0·85	...	...
...	24·750	+ 7·375	− 4	M	...
...	24·688	+49·817	− 5	M	...
121					
*	−24·279	+38·650	1·60	45. 502	9·8
*	24·149	−41·777	1·60	46. 457	9·4
...	24·120	− 7·001	−3	...	...
...	24·074	−24·491	0·90	...	...
...	23·896	−14·408	0·75	...	...
...	−23·685	+ 5·400	− 4	M	...
...	23·396	−32·779	− 4	M	...
...	22·450	−38·622	− 3	...	...
*	22·430	+ 0·813	3·40	46. 458	7·8
...	22·404	−41·155	− 5	M	...
131					
...	−21·885	− 8·306	− 4	M	...
...	21·777	−48·549	− 5	...	...
...	21·472	+10·173	− 2	M	...
...	21·013	+58·923	− 5	M	...
...	20·587	−38·234	− 3	...	...
...	−20·457	+23·485	− 5	M	...
...	20·318	+54·996	− 1	...	...
†	20·067	−53·050	− 4	...	...
S *	19·932	+ 6·160	2·90	45. 503	8·3
...	19·840	+ 4·408	− 5	M	...
141					
*	−19·802	+ 7·156	1·10	45. 504	9·8
...	19·783	+38·229	− 5	M	...
...	19·678	+13·159	− 5	M	...
...	19·386	+38·942	− 5	M	...
...	19·374	+ 8·860	− 5	M	...
...	−19·282	+41·092	− 2	...	...
...	19·272	− 2·811	0·65	...	...
...	19·063	−10·803	0·80	...	...
...	18·995	+44·332	− 5	M	...
...	18·301	−20·704	0·75	...	...
151–210					
151					
...	−18′028	−49′848	− 5	°	...
...	17·415	+ 8·143	− 3	M	...
...	16·992	+28·644	− 5	M	...
...	16·328	+42·470	− 5	M	...
...	16·305	+13·849	− 5	M	...
*	−16·237	+ 9·785	1·10	...	...
*	15·913	−29·311	1·10	46. 459	9·7
...	15·809	+ 8·804	− 5	M	...
...	15·669	− 3·748	0·75	...	...
*	15·442	−15·894	1·00	...	...
161					
...	−15·343	+30·981	− 3	M	...
*	15·335	−45·305	1·00	...	...
*	15·213	−24·630	1·00	...	...
†	15·170	−12·434	0·80	...	...
...	14·979	−42·409	0·65	...	...
...	−14·231	+ 4·263	− 5	M	...
...	13·915	−29·629	− 5	M	...
...	13·607	+10·798	− 4	M	...
...	13·604	− 1·507	− 5	M	...
...	13·105	+35·274	− 5	M	...
171					
...	−12·867	+33·331	− 4	M	...
*	12·853	+30·118	3·40	45. 505	7·8
...	12·242	−30·226	− 5	M	...
...	11·899	−44·670	− 5	M	...
*	11·798	+53·632	2·70	45. 506	8·4
...	−11·702	+25·124	− 4	...	...
*	11·553	−50·819	1·50	46. 460	9·7
*	11·479	−13·990	1·50	46. 461	9·7
...	11·126	+ 5·672	0·80	...	...
*	11·075	+ 5·199	1·60	45. 507	9·6
181					
...	−10·880	−10·139	− 1	...	...
*	10·876	−10·464	1·00	...	...
*	10·861	+19·457	2·20	45. 508	9·0
...	10·780	−13·489	− 5	M	...
*	10·431	−42·639	1·10	46. 462	9·8
*	−10·255	−43·671	1·40	46. 463	9·7
...	10·244	−25·331	− 5	...	...
‡	10·202	−32·049	0·95	46. 465	9·8
‡	10·165	−27·595	1·10	46. 464	9·8
...	9·048	+22·240	0·85	...	...
191					
...	− 9·012	+58·946	− 1	...	...
...	8·694	−45·962	− 5	M	...
*	8·509	−21·128	1·70	46. 466	9·6
...	8·131	+54·987	0·70	...	...
...	7·900	− 2·632	0·90	...	...
...	− 7·720	+ 7·578	− 5	M *m*	...
*	7·685	−28·149	1·45	46. 467	9·7
...	7·526	−58·067	0·65	...	...
...	7·323	−39·238	0·75	...	...
...	7·094	−19·793	− 3	...	...
201					
...	− 6·788	−12·127	0·80	...	...
...	6·708	+21·309	0·75	...	...
...	5·317	−36·713	− 1	...	...
...	4·609	+22·077	0·95	...	...
...	4·116	+54·430	− 4	M	...
...	− 3·503	+53·657	− 2	...	...
...	3·230	−24·588	− 5	M *m*	...
*	3·132	− 0·708	1·15	...	...
...	2·791	+43·141	− 3	M	...
...	2·597	+54·766	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
211-270					
211					
...	− 2·592	+45·019	− 1	...	...
...	2·444	+ 4·787	− 5	M *m*	...
...	2·388	+42·596	− 4	M	...
...	2·224	−17·577	− 3	...	...
...	2·194	+30·751	− 3	...	...
...	− 1·603	+46·535	− 2	...	...
...	1·260	− 0·928	− 5	M *m*	...
S *	0·762	+29·845	2·00	45. 509	9·0
...	0·735	− 0·900	0·80	...	...
...	0·678	− 4·454	− 4	M	...
221					
...	− 0·509	−58·103	− 5	...	...
...	− 0·064	−11·384	− 5	M *m*	...
*	+ 0·070	−20·888	1·00	...	...
...	0·105	−29·134	− 4	...	...
...	0·432	−37·542	− 5	M *m*	...
...	+ 0·968	+31·291	0·65	M	...
...	1·025	+11·953	− 5	M *m*	...
...	1·038	−34·711	− 5	M *m*	...
...	1·486	−15·494	− 5	M *m*	...
...	1·706	−27·725	− 5	M *m*	...
231					
‡ ‡	+ 1·784	+10·096	2·00	45. 510	8·8
...	1·990	+38·305	− 4	M	...
...	2·198	+20·522	0·90	...	...
...	2·689	+51·141	− 5	M *m*	...
*n**	2·720	−19·128	1·00	46. 468	9·8
...	+ 2·734	− 2·612	− 4	M	...
n	2·849	−19·077	0·95	46. 468	9·8
...	2·897	−53·865	− 3	...	...
...	3·128	+13·171	− 5	M *m*	...
*	3·545	+29·174	1·15	45. 511	9·8
241					
...	+ 3·659	−54·109	− 3	...	...
...	3·875	−47·090	− 5	M	...
S *	4·555	−38·406	2·30	46. 469	8·6
...	4·691	−13·431	− 4	M	...
...	5·144	+39·593	− 4	...	...
*	+ 5·216	+47·956	1·10	...	...
...	5·838	+34·291	0·90	...	...
...	6·110	+34·216	− 5	M	...
...	6·456	+11·251	− 5	M *m*	...
...	6·466	−10·437	− 1	M	...
251					
...	+ 6·529	−58·125	− 5	M *m*	...
*	6·558	−20·344	1·00	...	...
...	6·682	−26·975	− 5	M *m*	...
...	6·866	+36·946	0·80	...	...
...	6·970	−40·404	− 5	M *m*	...
...	+ 7·348	−50·633	− 3	M	...
...	7·514	− 7·580	− 4	M	...
*	8·249	−21·600	1·40	46. 470	9·7
...	8·282	−49·246	− 5	M	...
...	9·030	+57·738	− 2	...	...
261					
...	+ 9·136	−28·561	− 5	...	...
	9·161	−19·173	− 5	*m*	...
*.	9·930	−22·311	1·90	46. 471	8·8
...	10·090	+23·955	− 5	...	...
...	10·307	−18·397	− 5	...	...
...	+10·377	−42·739	0·80	...	...
S *	10·488	+45·801	2·00	45. 512	8·8
...	10·739	+34·772	− 4	...	...
...	11·250	−47·729	0·95	46. 472	9·8
...	11·448	−50·251	− 3	...	...
271-330					
271					
...	+11·608	+28·579	− 4	...	...
...	11·755	− 3·206	− 5	*m*	...
...	11·953	+19·735	− 4	*m*	...
...	12·075	− 1·153	− 5	*m*	...
*	12·494	+ 8·543	1·05	...	...
...	+12·614	− 8·901	0·85	...	...
*	12·646	+48·686	1·10	45. 513	9·8
...	12·695	−58·979	− 3	...	...
...	12·854	+17·776	− 5	...	...
*	12·888	−27·140	2·60	46. 473	8·2
281					
...	+12·918	+18·695	0·85	...	...
...	12·937	−50·491	− 5	...	...
...	13·078	− 4·558	− 5	*m*	...
...	13·331	−16·675	− 4	...	...
...	14·345	+34·795	− 5	...	...
...	+15·027	+11·800	− 3	...	...
*	15·064	+34·104	1·00	...	...
...	15·181	−27·246	− 5	...	...
...	15·285	−40·414	− 4	...	...
*	15·507	+18·112	1·30	45. 514	9·8
291					
...	+15·632	−53·553	− 5	...	...
...	15·796	+57·765	− 1	...	...
...	16·167	+49·523	− 5	...	...
...	16·289	+ 0·637	− 4	α	...
...	16·531	+27·556	0·75	...	...
...	+16·571	−47·156	0·90	...	...
...	16·727	+ 2·310	− 4	*a*	...
...	17·085	+ 3·376	− 3	...	...
...	17·104	−48·028	− 5	...	...
*	17·255	+11·675	1·00	...	...
301					
...	+17·360	− 0·072	0·85	...	...
...	17·621	−51·489	0·95	...	...
...	18·598	+20·373	− 3	...	...
*	18·788	− 5·653	1·40	46. 474	9·8
...	19·005	−15·019	− 5	...	...
*	+19·016	−37·346	1·35	46. 475	9·7
†	19·797	−43·707	− 5	...	...
...	19·891	−42·530	− 5	*m*	...
*	20·010	− 2·014	1·60	46. 476	9·4
...	20·249	−49·421	0·95	...	...
311					
*	+20·447	−34·911	2·00	46. 477	8·8
...	20·530	−45·555	− 5	...	...
...	20·894	+38·650	− 5	...	...
...	21·414	+21·540	− 3	...	...
...	21·647	+50·440	0·80	...	...
...	+21·770	−10·825	0·75	...	...
...	22·244	−21·286	0·85	...	...
...	22·601	−31·134	− 4	...	...
...	23·152	− 7·145	− 5	...	...
*	23·328	+23·241	1·80	45. 515	9·0
321					
*	+23·664	+11·728	1·00	..	...
...	24·022	−16·995	0·65	...	...
‡	24·709	−53·876	1·40	46. 478	9·6
...	25·449	−51·203	− 4	...	...
...	25·771	−59·031	− 5	...	...
...	+25·994	− 7·220	− 5	...	...
...	26·502	−30·032	− 5	...	...
...	26·628	− 0·939	− 4	...	...
...	26·751	+33·007	− 5	...	...
...	26·766	−47·320	− 5	...	...
331-390					
331					
...	+26·829	+43·434	− 5	...	...
...	26·864	+34·293	0·75	...	...
...	27·084	− 8·240	0·80	...	...
...	27·108	−51·795	− 5	*m*	...
*	27·127	+13·708	0·90	...	...
...	+27·279	−30·688	− 5	*m*	...
...	27·831	− 2·822	0·70	...	...
*	27·884	−46·539	1·80	46. 479	9·6
...	28·216	−42·728	− 4	...	...
...	28·507	+ 4·321	− 5	*m*	...
341					
...	+29·114	− 8·792	0·85	...	...
...	29·134	+18·221	− 4	...	...
...	30·207	−49·174	− 3	...	...
...	30·487	−18·039	− 5	...	...
S *	31·541	+ 5·847	2·00	45. 516	8·8
...	+31·665	+37·808	0·80	...	...
...	31·799	−36·687	− 4	...	...
...	32·189	+34·900	− 5	...	...
...	32·891	−49·060	− 5	...	...
...	32·992	−25·338	− 4	...	...
351					
*	+33·206	+ 6·007	1·25	45. 517	9·8
...	33·422	−41·956	− 4	...	...
...	33·597	+17·287	0·65	...	...
...	33·656	+39·102	− 5	...	...
...	33·823	+46·627	− 4	...	...
...	+34·917	− 3·428	− 4	...	...
...	35·302	−38·204	0·65	...	...
...	35·954	+ 7·338	− 5	*m*	...
...	36·040	− 7·815	0·80	...	...
...	36·552	+48·428	− 5	...	...
361					
...	+37·294	+37·698	− 4	...	...
*	37·324	−26·009	1·60	46. 480	9·7
...	38·385	− 1·546	0·70	...	...
...	38·611	−51·430	− 2	...	...
...	38·677	+ 0·324	− 5	*m*	...
...	+38·883	−18·592	− 4	...	...
...	39·424	+33·218	0·65	...	...
...	39·503	+34·802	0·80	...	...
*	39·799	+ 9·451	1·40	45. 519	9·2
...	40·148	+ 5·690	−.4	...	...
371					
...	+40·226	+16·650	− 5	...	...
*	40·282	+54·700	2·40	45. 518	9·3
*	40·316	+32·718	1·10	...	...
...	40·328	+51·482	− 5	...	...
...	40·729	+ 9·058	− 5	...	...
...	+40·869	−41·500	− 5	*m*	...
...	40·977	−59·292	− 5	...	...
...	41·805	−20·203	− 4	*m*	...
...	42·213	−42·595	− 5	*m*	...
...	42·436	+ 7·200	− 4	...	...
381					
...	+42·488	+25·367	− 4	...	...
...	42·576	+53·935	− 5	...	...
...	42·666	+49·016	− 5	...	...
...	43·167	+22·751	− 5	...	...
*	43·245	+26·608	0·95	...	...
...	+43·252	+46·909	− 5	...	...
*	43·813	+53·196	0·95	...	...
...	43·936	+21·607	− 5	...	...
...	44·034	−44·346	− 5	*m*	...
...	44·055	+31 717	− 5	...	...

235, 237. C.P.D., mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
391-410					
391					
...	+44·204	+30·608	− 5	...	...
...	44·567	−37·009	− 5	...	...
...	44·775	−30·187	− 4	...	...
...	44·925	+14·669	0·75	...	...
...	45·202	+29·806	0·85	...	...
...	+45·972	−26·040	− 5	*e*	...
*	45·987	+33·468	1·05	...	...
...	46·499	+44·075	− 5	...	...
*	46·942	+54·443	1·60	...	...
...	47·151	+15·965	− 2	...	...
401					
S *	+47·332	−46·820	2·80	46. 481	8·2
*	47·692	−45·218	1·40	46. 483	9·8
*	47·727	−24·159	1·60	46. 482	9·4
*	47·806	−18·465	1·00	...	...
...	48·109	+13·618	− 5	...	...
...	+48·555	+23·661	0·75	...	...
...	48·811	−15·852	− 5	...	...
	48·894	−47·688	− 5	*m*	...
...	49·085	−15·896	− 4	*m*	...
...	49·753	+ 9·414	− 5	...	...
411-430					
411					
...	+49·953	+ 3·589	0·90	...	...
S *	50·180	−13·543	2·40	46. 484	8·5
...	51·179	−17·449	0·65	...	...
‡	51·313	−39·769	1·50	46. 485	9·6
...	51·551	− 8·153	0·80	...	...
*	+52·151	+30·638	1·30	45. 520	9·8
...	52·435	−38·635	− 5	...	...
...	53·396	−33·846	− 5	...	...
...	53·748	+ 4·996	− 5	...	...
...	53·791	−56·046	− 4	...	...
421					
...	+53·979	+38·043	0·70	...	...
*	54·356	−21·974	1·60	46. 486	9·7
...	55·979	−13·329	− 2	...	...
†	56·319	+ 0·153	− 5	*e*	...
...	57·111	+ 2·343	− 5	...	...
S *	+57·346	+48·362	2·60	45. 521	8·8
...	57·387	− 1·190	− 5	*m*	...
...	58·357	+17·607	− 5	*e*	...
...	58·370	+56·663	− 5	...	...
...	58·424	− 0·775	0·65	...	...
431					
431					
...	+59·181	+53·165	− 4	...	...

1-30					
1					
...	−59·286	+32·551	− 5	...	...
*	59·271	+33·273	1·25	...	...
*	58·989	+54·255	1·25	...	...
...	58·496	−30·398	− 3	...	...
...	58·473	−37·227	− 4	...	...
...	−57·545	+15·790	− 4	...	...
...	57·418	−26·226	− 5	E	...
...	56·560	+13·509	− 5	...	...
...	56·409	+23·540	− 1	...	...
...	56·085	−36·163	− 5	...	...
11					
*	−55·817	−18·585	1·05	...	...
*	55·731	−24·282	1·60	46. 482	9·4
S *	55·418	−46·957	2·90	46. 481	8·2
*	55·116	−45·345	1·20	46. 483	9·8
...	54·901	−15·955	− 5	...	...
†	−54·768	+ 9·320	− 4	...	...
...	54·623	−15·984	− 5	...	...
...	54·391	+ 3·522	0·90	...	...
S *	53·616	−13·601	2·40	46. 484	8·5
*	53·033	+30·637	1·40	45. 520	9·8
21					
...	−52·500	−17·485	0·85	...	...
...	52·416	− 8·172	0·85	...	...
*	51·676	−39·765	1·50	46. 485	9·6
...	51·444	+38·091	0·75	...	...
...	50·638	+ 5·054	− 3	...	...
...	−50·544	−38·605	− 5	...	...
...	49·934	−29·710	− 5	M	...
†	49·759	−33·785	− 5	...	...
...	49·224	−49·215	− 5	...	...
*	49·174	−21·881	1·40	46. 486	9·7
31-60					
31					
...	−48·693	−55·952	− 2	...	...
S *	48·387	+48·497	2·50	45. 521	8·8
...	48·205	−36·981	− 5	...	...
...	47·909	+ 0·302	− 4	E	...
...	47·819	−13·198	0·70	...	...
...	−47·642	+56·842	− 5	...	...
...	47·172	+ 2·508	− 4	...	...
...	46·719	+53·366	− 1	...	...
...	46·402	+17·800	− 4	E	...
...	45·980	+46·927	0·65	...	...
41					
...	−45·774	− 0·578	0·85	...	...
...	44·644	+53·499	− 5	...	...
...	44·580	− 0·751	− 5	M	...
...	44·303	+20·053	− 5	...	...
...	43·758	+ 7·980	− 5	...	...
...	−43·519	+37·620	− 5	...	...
...	43·437	+ 7·274	0·70	...	...
...	43·196	+19·776	− 5	...	...
...	43·112	−34·343	− 5	...	...
...	42·977	+30·749	− 4	...	...
51					
...	−42·718	−13·958	− 5	M	...
...	42·232	− 1·724	− 5	M	...
...	42·173	+21·591	− 3	...	...
...	41·951	+42·149	0·90	...	...
...	41·923	+36·320	− 2	...	...
*	−41·489	−31·508	0·95	...	...
...	41·378	+26·305	− 5	M	...
...	40·793	+38·164	− 2	...	...
*	40·748	−12·913	1·05	...	...
...	40·559	+42·255	− 3	...	...
61-90					
61					
...	−40·461	−59·555	− 5	...	...
*	40·457	−43·302	2·20	46. 487	8·8
...	40·329	−59·475	− 5	M	...
*	39·354	−38·890	0·95	...	...
...	39·036	+21·962	− 3	...	...
*	−38·503	−16·298	1·70	46. 488	9·3
...	38·143	+32·143	− 5	M	...
...	38·042	−17·526	− 4	...	...
...	38·035	+42·019	− 5	...	...
*	38·035	+39·693	2·60		
71				45. 522	8·2
*	−37·893	+39·774	1·20		
...	37·377	+ 4·552	− 5	M	...
...	37·184	+52·715	0·65	...	...
...	36·595	+36·536	− 4	...	...
...	36·428	−26·896	− 5	M	...
...	−36·329	+51·853	− 5	...	...
...	35·535	−17·504	− 4	...	...
...	35·323	+ 9·037	− 5	M	...
...	35·318	−30·870	− 1	...	...
...	35·237	−11·389	− 4	M	...
81					
*	−35·206	+49·179	2·50	45. 523	8·6
...	35·011	+59·674	− 1	...	...
...	34·588	+46·162	− 5	...	...
...	33·333	+15·285	− 5	...	...
...	33·077	−14·696	− 5	M	...
*	−32·839	−42·505	1·15	46. 489	9·8
...	32·757	−16·868	0·65	...	...
*	32·687	−35·983	1·15	46. 490	9·8
*	32·503	+34·988	1·60	45. 524	9·3
...	32·258	+37·109	0·85	...	...

ES measured from 1, 106, 222, 347.
NM ,, ,, 42. 161, 277, 392.

Images very diffused; faint stars very difficult to measure.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. -1.	C.P.D. No.	C.P.D. Mag.
91–150					
91					
*	−32·206	−33·568	1·60	46. 491	9·4
*	32·077	+26·271	1·60	45. 525	9·4
...	31·811	−50·369	− 5	...	...
...	31·276	+28·599	0·85	...	...
*	31·182	−18·711	1·05	46. 492	9·8
*	−31·123	+47·391	1·00	...	...
...	30·901	− 7·974	0·90	...	...
...	30·885	+ 6·027	− 4	M	...
...	30·650	−21·407	− 3	...	...
*	30·416	+26·588	1·30	45. 526	9·7
101					
...	−30·340	−21·918	− 5	...	...
...	30·235	− 0·398	0·70	...	...
...	30·190	+ 1·565	− 5	M	...
...	29·958	+25·766	− 5	M	...
...	29·922	+18·029	0·70	...	...
*	−29·336	− 1·201	1·05	...	...
*	29·203	−21·034	1·90	46. 493	8·6
...	29·037	−40·014	− 4	...	...
...	28·589	+19·628	− 5	M	...
...	28·555	+27·451	− 5	M	...
111					
...	−28·438	+47·083	− 4	...	...
...	28·154	+57·620	0·70	...	...
*	28·083	+40·027	1·10	...	...
...	28·081	− 2·233	− 5	M	...
...	28·028	−28·750	− 5	M	...
*	−27·605	− 6·420	1·20	46. 494	9·8
...	27·109	−22·899	− 1	...	...
*	27·080	−54·619	1·80	46. 495	9·8
*	26·882	+ 2·805	1·70	45. 527	9·4
...	25·242	−57·841	− 4	...	...
121					
...	−25·164	−16·105	− 5	...	...
...	25·104	− 1·145	− 5	M	...
...	25·031	+39·610	− 5	...	...
...	24·933	+42·403	0·70	...	...
...	24·632	−44·633	0·95	...	...
...	−24·507	+ 5·532	− 1	...	...
S *	23·885	−14·200	2·10	46. 496	8·6
...	23·835	+28·289	− 2	...	...
S *	23·748	+ 9·627	2·80	45. 528	8·0
...	23·720	+51·340	− 5	...	...
131					
...	−23·577	+ 9·395	− 3	...	...
...	22·602	−23·232	− 3	...	...
...	21·246	−17·720	0·80	...	...
...	20·991	−16·222	− 5	M	...
...	20·905	−20·666	− 5	M	...
S *	−20·635	+54·258	2·60	45. 529	8·3
*	20·436	−39·211	1·00	...	...
...	20·280	−35·444	− 4	...	...
...	20·277	+17·746	− 5	M	...
...	19·986	−31·180	0·80	...	...
141					
...	−19·271	−33·506	0·65	...	...
...	18·789	−33·512	− 3	...	...
*	18·673	− 0·186	1·60	46. 497	9·4
...	18·592	+14·340	0·85	...	...
*	18·523	+47·087	1·70	45. 530	9·2
...	−18·479	+ 9·526	− 2	...	...
...	18·319	+17·470	− 5	...	...
...	18·169	+ 2·142	− 3	...	...
...	18·096	−27·612	− 5	...	...
...	18·065	−18·888	0·75	...	...
151–210					
151					
...	−17·837	−38·034	0·75	...	...
...	17·381	+ 8·881	0·80	...	...
...	16·853	−55·196	− 1	...	...
...	16·637	−27·562	0·80	...	...
...	16·568	+ 7·148	− 5	M	...
...	−15·390	− 9·241	− 4	...	...
...	15·316	+57·238	0·65	...	...
...	14·942	−10·825	− 2	...	...
*	14·907	−39·525	1·25	46. 498	9·8
†	14·906	+28·045	0·80	...	...
161					
...	−14·349	+ 8·292	− 2	...	...
...	14·312	+41·017	0·85	...	...
...	14·240	− 9·140	− 5	...	...
...	13·958	−39·800	−5	M	...
*	13·499	+36·706	1·00	...	...
...	−13·386	− 0·309	− 3	...	...
S *	12·894	−54·623	2·20	46. 499	8·6
...	12·464	+25·607	− 5	M	...
...	12·240	+19·398	0·65	...	...
...	12·106	−31·209	− 5	...	...
171					
...	−11·887	+ 6·234	− 4	M	...
...	11·839	+26·619	− 5	M	...
...	11·082	−53·269	− 5	...	...
...	10·879	+29·181	− 5	M	...
...	10·588	− 6·058	− 3	...	...
...	−10·458	−27·142	− 5	...	...
...	10·414	+52·711	0·90	...	...
...	10·346	+22·543	− 5	M	...
...	10·314	+23·810	− 5	M	...
...	10·283	+30·280	− 5	...	...
181					
...	− 9·994	−37·270	− 5	M	...
...	9·949	+ 2·979	− 4	M	...
‡	9·895	−57·256	1·80	46. 500	9·4
...	9·407	+ 5·494	− 3	A	...
...	9·118	+12·340	− 5	M	...
...	− 8·716	−32·078	0·75	...	...
...	8·595	+54·369	0·70	...	...
...	8·137	−23·084	− 5	M *m*	...
...	8·121	−42·428	− 5	*m*	...
...	8·070	+ 8·797	− 5	M	...
191					
...	− 7·975	−15·891	0·70	...	...
...	7·350	+52·682	0·65	...	...
...	7·256	+43·690	− 3	...	...
...	6·933	+44·612	− 5	M *m*	...
...	6·813	+58·393	− 5	...	...
...	− 6·761	−26·293	− 5	M *m*	...
...	6·753	− 5·617	− 5	M *m*	...
...	6·453	+20·787	− 2	A *m*	...
...	6·246	−15·048	0·70	...	...
*	6·136	−11·902	1·00	...	...
201					
...	− 6·088	+51·148	− 5	M *m*	...
...	6·064	− 1·394	− 5	M *m*	...
...	6·026	−54·545	− 1	...	...
...	5·993	− 3·105	0·70	...	...
...	5·975	−58·206	0·65	...	...
...	− 4·720	+20·928	− 4	M *m*	...
...	4·639	+35·276	− 4	*m*	...
...	4·599	−32·908	− 5	M *m*	...
*	4·216	+53·008	1·60	45. 531	9·4
*	3·831	−15·789	0·95	...	...
211–270					
211					
...	− 3·830	+30·446	0·85	...	...
*	3·620	−54·429	1·50	46. 501	9·8
...	3·437	−16·660	0·65	*m*	...
...	2·706	+ 7·725	0·90	...	...
...	2·357	− 2·048	− 5	M *m*	...
*	− 1·537	−31·774	1·10	...	...
...	1·061	+43·221	0·75	...	...
...	0·944	−37·353	0·70	...	...
*	0·550	+49·692	1·10	...	...
...	0·168	+28·984	−5	M *m*	...
221					
...	− 0·097	−11·818	− 5	M *m*	...
*	+ 0·654	−47·801	2·20	46. 502	8·6
...	0·714	+53·326	− 4	...	...
...	0·830	+28·814	− 2	...	...
*	0·930	+17·626	1·10	45. 532	9·8
...	+ 0·956	−17·494	− 4	*m*	...
...	1·504	+54·934	0·75	...	...
...	1·582	−33·920	− 5	M *m*	...
...	1·705	−12·628	− 5	M *m*	...
...	2·145	+22·384	0·75	...	...
231					
...	+ 2·164	−52·017	0·95	...	...
...	2·397	+50·499	− 5	*m*	...
...	2·524	+ 5·588	− 3	A *m*	...
...	2·552	−32·438	− 5	M *m*	...
...	2·780	−20·737	− 5	M *m*	...
...	+ 3·144	+16·008	− 4	*m*	...
...	3·275	−44·644	0·90	...	...
N* [	3·971	− 4·681	1·35	46. 503	9·3
N* [	4·057	− 4·645	1·05		
...	4·139	+28·017	− 5	M *m*	...
241					
...	+ 4·586	+ 5·303	− 3	*m*	...
...	4·776	−57·389	0·65	...	...
...	4·781	− 2·212	− 3	...	...
...	5·045	+ 8·040	− 3	*m*	...
†	5·130	+21·249	0·85	...	...
*	+ 5·329	−47·048	1·05	...	...
*	6·170	+ 7·776	1·00	...	...
...	6·849	+27·644	0·70	...	...
...	7·045	−24·133	0·80	...	...
...	7·134	+11·375	− 4	*m*	...
251					
...	+ 7·187	+22·292	− 5	*m*	...
†	7·262	−54·842	− 4	...	...
...	7·534	+ 2·498	− 4	*m*	...
...	7·762	−10·177	− 5	M *m*	...
...	7·979	−18·614	− 4	...	...
...	+ 8·481	+41·550	− 5	*m*	...
...	8·495	+10·835	− 5	*m*	...
...	8·501	− 4·455	0·80	...	...
...	8·567	−32·155	0·75	...	...
...	8·669	−36·335	0·85	...	...
261					
†	+ 8·814	+15·019	− 1	...	...
...	8·889	+13·096	0·70	...	...
S *	8·931	+46·161	1·70	45. 533	9·4
...	9·745	− 8·225	− 5	*m*	...
†	10·033	+29·954	− 3	...	...
...	+10·268	+57·617	0·95	...	...
...	10·784	+35·960	− 5	*m*	...
...	10·851	−30·521	− 5	*m*	...
...	11·251	−32·989	− 5	*m*	...
...	11·400	+34·126	0·80	...	...

238, 239. 47°29, mass; 47°30, two stars.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−1.	No.	Mag.
271–330					
271					
...	+11·539	− 8·217	− 5	m	...
...	13·911	+25·849	0·85	...	...
...	14·044	+38·404	0·70	...	...
...	14·716	+36·878	− 5	m	...
...	14·752	+34·642	− 5	m	...
*	+14·779	+47·484	1·15	...	...
...	15·126	+53·479	− 1	...	...
†	15·428	−24·872	− 4	...	...
...	15·456	−49·137	− 5	...	...
...	15·956	− 6·787	0·70	...	...
281					
...	+16·188	− 7·715	− 5	m	...
...	16·749	−14·512	− 2	...	...
...	17·886	− 7·370	0·80	...	...
...	18·106	−56·957	− 5	...	...
...	18·600	+18·966	0·90	...	...
...	+18·730	−32·421	0·70	...	...
...	18·797	−43·121	− 1	...	...
*	19·038	−56·461	0·95	...	...
...	19·077	+11·427	0·75	...	...
...	19·246	+48·476	− 5	m	...
291					
*	+19·466	+39·456	1·10	45. 534	9·9
...	19·487	−57·152	− 4	...	...
S *	19·506	−31·702	2·00	46. 504	8·8
...	19·715	+24·845	− 4	m	...
...	19·930	−27·074	− 2	...	...
...	+20·300	−17·629	0·70	...	...
*	20·306	+57·825	2·00	45. 535	9·3
...	20·338	+33·290	− 5	m	...
*	20·538	+ 3·575	1·40	45. 536	9·8
*	20·558	+17·678	1·05	...	...
301					
...	+20·849	−44·201	− 2	...	...
...	21·219	−31·159	0·75	...	...
...	21·250	+47·368	− 4	m	...
...	21·372	+33·340	− 5	m	...
...	21·799	+18·886	− 4	m	...
...	+21·875	− 6·873	− 5	m	...
...	21·999	+ 1·245	− 5	m	...
...	22·163	−28·350	0·75	...	...
...	22·341	−10·053	0·65	...	...
...	22·667	− 4·292	0·80	...	...
311					
...	+23·292	−22·094	− 5	...	...
...	23·302	−44·752	0·80	...	...
...	23·314	−31·977	− 5	m	...
...	23·407	−46·217	− 4	...	...
...	23·636	−43·221	− 5	...	...
...	+23·668	+47·846	− 2	...	...
...	24·472	+19·756	− 5	m	...
...	24·509	−31·065	− 5	...	...
*	24·645	−38·321	1·15	...	...
...	24·797	+28·186	0·65	...	...
321					
...	+25·174	−58·933	− 4	...	...
...	25·458	−24·532	− 5	m	...
*	25·696	+32·675	0·95	...	...
...	25·776	−20·526	0·75	...	...
...	25·888	+51·552	− 5	m	...
...	+26·006	−56·139	− 5	...	...
...	26·417	− 5·020	0·70	...	...
*	26·501	−27·195	1·00	...	...
...	26·672	−33·176	− 5	m	...
...	26·737	−47·797	− 3	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−1.	No.	Mag.
331–390					
331					
...	+26·763	−40·802	− 4	...	...
...	26·786	+58·157	0·80	...	...
...	26·886	+12·444	0·65	a	...
...	27·077	−54·988	− 5	...	...
...	27·175	−16·196	0·90	...	...
*	+27·206	−40·365	1·00	46. 505	9·9
...	27·231	+10·497	− 5	m	...
...	27·509	+28·694	− 5	m	...
...	27·799	+14·511	− 5	m	...
...	27·862	−57·279	− 3	...	...
341					
...	+28·132	− 0·617	− 5	m	...
...	28·280	−18·427	− 5	m	...
...	28·496	+ 1·438	− 4	m	...
...	28·674	−57·590	− 5	...	...
...	28·875	−12·755	0·65	...	...
...	+29·536	+46·407	− 5	m	...
†	30·046	+34·950	− 5	m	...
*	30·434	−47·362	1·70	46. 506	9·6
...	30·720	+55·315	− 1	...	...
*	31·137	+21·913	0·95	...	...
351					
*	+31·295	−39·174	1·60	46. 507	9·7
†	31·339	−19·885	0·90	...	...
...	31·643	+32·478	− 3	b	...
...	32·392	− 3·107	− 5	m	...
...	32·553	+29·275	0·90	...	...
...	+32·707	+32·162	− 1	a	...
...	32·859	+ 5·310	0·75	...	...
*	33·789	+24·706	0·95	...	...
...	33·843	+15·481	− 3	m	...
...	34·372	−48·291	− 5	...	...
361					
*	+34·395	−39·988	1·00	...	...
...	34·709	+40·005	− 4	m	...
*	34·844	−36·563	1·90	46. 508	9·3
...	35·206	+ 5·959	− 4	m	...
...	35·790	+14·583	− 1	...	...
*	+36·096	−41·976	1·30	46. 509	9·6
...	36·186	+ 2·401	− 2	...	...
...	36·626	−30·730	− 1	...	...
...	36·631	−24·552	0·85	...	...
...	37·666	−36·076	− 4	...	...
371					
...	+38·015	−44·392	− 2	...	...
...	38·251	−29·033	− 5	...	...
...	38·268	−34·169	0·75	...	...
...	38·303	+ 9·657	− 4	m	...
...	38·564	+31·609	− 4	m	...
...	+39·603	−10·679	− 5	...	...
...	39·650	+31·327	0·70	...	...
S *	39·790	−41·606	2·20	46. 510	8·6
...	39·897	+33·198	− 3	a	...
...	40·155	−55·258	0·65	...	...
381					
*	+40·838	−22·315	1·40	46. 511	9·8
...	40·929	−27·924	− 5	...	...
...	40·954	−40·330	0·75	...	...
*	41·478	+26·983	1·80	45. 537	9·2
...	41·628	−10·641	− 4	...	...
...	+41·739	+53·541	0·80	...	...
*	41·860	− 6·207	1·35	46. 512	9·7
S *	42·618	−51·822	2·70	46. 513	8·5
...	42·796	−35·000	− 5	...	...
...	43·726	+45·361	− 4	m	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−1.	No.	Mag.
391–447					
391					
...	+43·887	− 5·441	− 3	...	...
...	45·715	+42·114	− 5	m	...
...	45·841	+36·766	− 5	m	...
...	45·847	+27·096	− 5	m	...
...	46·035	+36·368	− 4	m	...
...	+46·834	−52·209	− 5	m	...
...	47·409	−55·173	0·70	...	...
...	47·746	+43·515	0·70	...	...
†	47·948	− 9·889	0·90	...	...
...	48·124	−32·194	− 4	...	...
401					
...	+48·140	− 2·926	0·80	...	...
S *	48·401	+ 4·490	1·80	45. 538	9·3
*	48·467	+56·199	1·15	...	...
...	48·603	+53·361	− 4	...	...
...	48·852	+35·866	0·70	...	...
*	+49·375	−31·328	1·10	...	...
*	49·570	+52·302	1·60	45. 539	9·1
...	49·760	−23·004	− 5	...	...
†	49·911	+34·008	− 4	m	...
...	50·251	−11·852	− 5	m	...
411					
...	+50·361	+17·885	− 5	m	...
...	50·633	+ 3·351	− 4	m	...
...	50·766	+13·198	− 5	m	...
...	50·799	−35·914	− 4	...	...
...	51·215	+54·172	− 5	...	...
*	+51·267	+27·486	0·95	...	...
*	51·466	+48·565	1·40	45. 540	9·8
...	51·586	−25·478	0·90	...	...
S *	51·983	+41·566	2·50	45. 541	8·8
...	52·004	−48·846	− 5	...	...
421					
...	+52·144	+32·429	− 3	...	...
...	52·958	− 5·109	0·75	...	...
...	53·011	−12·530	− 5	m	...
...	53·455	+ 6·597	0·85	...	...
...	53·865	−30·157	− 4	...	...
...	+54·274	+17·320	− 5	m	...
...	54·559	+16·747	− 5	m	...
...	55·052	+28·209	− 5	m	...
...	55·708	−17·072	− 5	m	...
...	56·284	+19·258	− 5	m	...
431					
...	+56·659	+18·346	− 5	m	...
*	56·669	− 9·171	1·15	46. 514	9·8
...	56·903	−41·027	− 5	m	...
...	57·083	+13·726	− 5	m	...
*	57·104	−50·535	1·05	...	...
...	+57·715	−20·820	0·70	...	...
...	58·035	−31·996	− 4	...	...
*	58·040	−26·114	1·60	46. 515	9·6
...	58·080	+54·584	− 5	m	...
...	58·107	+38·749	− 5	m	...
441					
...	+58·545	+24·115	− 5	m	...
...	59·181	−40·486	0·85	...	...
...	59·385	−40·636	0·85	...	...
...	59·410	+26·928	− 5	m	...
...	59·444	−27·433	− 1	...	...
...	+59·605	−42·098	− 5	...	...
*	59·732	+10·594	1·20	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
1-60					
1				°	
...	−57′853	+43′349	− 4	...	...
...	57·515	+56·048	− 1	...	...
...	56·479	+35·746	− 3	...	...
*	56·289	+52·195	1·40	45. 539	9·1
...	55·985	− 3·061	− 2	...	...
S *	−55·963	+ 4·367	1·30	45. 538	9·3
...	55·958	−10·024	0·70	...	...
...	55·091	−55·290	− 4	...	...
...	54·287	+48·512	0·80	45. 540	9·8
...	53·856	−31·420	0·80	...	...
11					
...	−53·827	+27·439	0·75	...	...
S *	53·531	+41·532	1·60	45. 541	8·8
...	51·837	−25·483	0·70	...	...
...	50·966	+ 6·627	− 1	...	...
...	49·397	−30·098	− 4	...	...
*	−47·264	− 9·029	1·00	46. 514	9·8
...	45·857	−20·639	− 3	...	...
...	45·552	−50·353	0·90	...	...
*	45·368	−25·925	1·10	46. 515	9·6
...	45·175	−31·792	− 3	...	...
21					
*	−44·831	+10·832	1·00	...	...
...	43·915	−27·190	− 1	...	...
...	43·789	−40·237	0·70	...	...
...	43·580	−40·394	0·70	...	...
*	43·548	+33·231	3·00	45. 543	7·8
...	−42·592	−37·291	− 4	...	...
†	41·119	−39·258	0·95	...	...
...	39·390	−17·342	− 3	...	...
...	39·383	+ 5·006	− 3	...	...
...	38·467	−49·021	− 3	...	...
31					
...	−38·199	− 7·052	− 3	...	...
...	37·840	+21·423	− 4	...	...
...	36·549	+26·931	− 3	...	...
...	35·910	+17·563	− 3	...	...
...	35·674	+ 8·213	− 1	...	...
‡ ‡	−34·707	+ 9·153	1·00	45. 544	9·7
...	34·034	+57·100	− 2	...	...
...	33·655	−25·736	− 4	...	...
*	33·582	−32·633	1·00	...	...
...	33·221	−10·330	− 4	...	...
41					
...	−33·091	+41·721	0·70	...	...
...	32·931	+ 5·205	− 3	...	...
...	32·794	+12·473	− 2	...	...
...	32·645	+25·738	− 3	...	...
...	32·561	−51·011	− 3	...	...
*	−32·165	−36·576	1·30	46. 516	9·4
...	30·570	−19·627	0·80	46. 517	9·9
...	30·424	−38·964	0·70	...	...
...	29·046	+ 0·034	− 1	...	...
...	28·994	+ 8·762	− 2	...	...
51					
*	−27·553	+36·500	1·20	45. 545	9·6
...	27·190	−17·953	− 3	...	...
...	27·164	−35·687	0·65	...	...
†	27·160	− 4·393	− 3	...	...
...	27·152	+44·384	0·70	...	...
...	−25·875	+43·625	− 1	...	...
*	25·259	−12·642	1·00	...	...
...	24·139	−20·191	0·70	...	...
...	23·399	+55·624	− 4	...	...
S *	23·150	−48·168	1·68	46. 518	8·4

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
61-120					
61				°	
...	−22′763	−44′462	− 3	...	...
...	22·356	+19·046	0·80	...	...
...	22·347	−22·502	− 4	...	...
†	22·240	+ 0·646	− 3	...	...
†	21·560	+45·426	0·70	...	...
...	−21·046	−58·480	0·65	...	...
...	20·981	− 9·527	− 1	...	...
...	20·661	−33·922	0·75	...	...
...	20·042	−25·960	0·80	46. 520	9·9
*	19·969	−33·372	1·60	46. 519	8·8
71					
...	−19·345	+25·801	− 3	...	...
...	18·438	+25·790	− 3	...	...
...	18·303	−41·416	0·65	...	...
*	17·045	− 4·920	2·85	46. 521	8·0
*	16·763	+21·425	1·05	...	...
...	−15·887	−51·553	0·90	...	...
S *	15·709	−10·063	1·50	46. 522	8·6
‡ ‡	14·783	− 1·390	1·05	46. 523	9·8
†	14·675	−56·457	− 1	...	...
...	14·374	−17·555	− 3	...	...
81					
...	−13·947	−42·077	0·65	...	...
...	13·755	+30·777	− 1	...	...
...	13·475	−45·802	− 4	...	...
*	12·925	+12·170	1·75	45. 547	8·8
...	12·696	−18·097	− 3	...	...
*	−12·596	+28·502	1·10	45. 548	9·9
...	11·070	−11·897	− 4	...	...
...	9·489	+34·714	− 3	...	...
S *	8·954	+15·456	3·00	45. 549	7·8
...	8·213	+48·569	0·80	...	...
91					
‡ ‡	− 7·872	+10·648	1·05	45. 550	9·9
...	6·987	−56·050	− 4	...	...
*	6·864	−47·413	1·00	...	...
...	5·942	−40·891	− 4	*m*	...
...	5·936	+42·018	− 3	...	...
*	− 5·641	+ 9·351	1·25	45. 551	9·4
...	5·368	+15·115	− 3	...	...
*	5·245	+58·465	1·00	45. 552	9·9
S *	4·936	−39·750	1·70	46. 524	8·4
...	4·593	+25·865	− 4	*m*	...
101					
*	− 4·126	+23·324	1·10	45. 553	9·9
...	3·477	+12·555	0·70	...	...
...	2·635	+60·303	0·75	...	...
...	2·394	+32·823	0·70	...	...
...	2·064	+21·244	− 4	*m*	...
...	− 1·917	− 8·484	0·65	46. 525	9·9
...	1·688	−18·672	− 3	...	...
*	− 0·429	+53·932	1·20	45. 554	9·7
...	+ 1·181	− 2·528	− 2	...	...
...	1·184	+37·386	− 4	M	...
111					
*	+ 1·603	+37·613	1·30	45. 555	9·4
Sn *	1·919	+19·243	1·48	45. 556	8·8
n	2·200	+19·332	0·85		
...	2·923	+19·467	− 2	...	...
...	3·896	−25·174	− 3	...	...
...	+ 4·237	−30·334	− 4	...	...
...	4·449	+12·349	− 1	...	...
†	5·204	−50·045	0·95	...	...
...	5·677	+10·959	− 1	...	...
...	6·273	+26·649	0·65	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
121-180					
121				°	
*	+ 6′799	+ 2′449	1·60	45. 557	8·8
...	8·123	−52·357	− 1	...	...
...	8·256	+57·920	0·80	...	...
...	8·452	+ 5·195	− 4	...	...
...	9·365	+ 1·885	− 4	...	...
...	+ 9·454	−20·775	− 4	...	...
...	10·303	+ 1·849	− 4	*a*	...
...	10·617	+39·966	− 4	...	...
...	10·939	+51·918	− 3	...	...
*	11·000	−53·476	1·00	46. 527	9·6
131					
S *	+11·010	−27·000	1·48	46. 526	8·8
S *	11·098	+39·167	2·80	45. 558	8·0
...	11·147	−38·626	0·65	...	...
...	11·156	+27·347	− 1	...	...
...	11·348	−28·088	− 1	...	...
...	+13·504	+29·416	− 4	...	...
...	13·874	−33·252	− 2	...	...
...	15·330	−47·700	− 4	...	...
...	15·972	+38·418	− 4	*a*	...
...	16·055	+41·961	− 2	*a*	...
141					
...	+16·113	−20·462	− 2	...	...
...	16·237	−20·538	− 3	...	...
*	16·776	+54·888	1·50	45. 559	8·8
*	18·143	−43·623	1·00	...	...
*	18·282	+41·143	1·25	45. 560	9·4
...	+18·574	+41·779	− 3	...	...
...	18·748	+31·376	0·90	...	...
...	19·048	+25·929	− 3	...	...
...	20·272	+24·073	− 3	...	...
...	20·931	+16·490	− 3	...	...
151					
...	+21·048	+48·790	− 4	...	...
...	21·485	+27·891	− 4	*a*	...
...	21·942	−48·332	− 4	*m*	...
†	23·182	+30·545	− 3	...	...
*	23·547	+18·914	1·00	45. 562	9·9
*	+23·594	+58·808	1·50	45. 561	9·6
...	24·128	−26·185	− 4	...	...
...	25·205	+ 4·668	− 4	...	...
*	25·396	+54·104	1·30	45. 563	8·8
...	26·114	+17·885	0·75	...	...
161					
...	+26·264	+34·988	0·70	...	...
...	26·671	−26·793	− 2	...	...
...	27·186	+44·948	− 3	...	...
*	27·338	−37·229	1·05	46. 528	9·7
...	28·202	−47·488	− 4	...	...
...	+28·742	+ 5·972	− 4	*a*	...
...	29·811	−31·622	0·65	...	...
...	30·206	−33·633	− 4	*a*	...
...	30·433	−49·484	− 4	*m*	...
...	31·139	+34·751	− 3	...	...
171					
...	+31·153	−14·653	− 3	...	...
...	31·507	+30·033	− 4	...	...
...	31·811	+48·315	0·90	...	...
...	32·117	−10·222	0·95	46. 529	9·9
...	32·501	+19·864	− 4	...	...
...	+33·573	− 2·443	− 1	...	...
...	33·590	−21·511	0·70	...	...
...	35·197	+34·255	0·75	...	...
...	35·312	+30·618	− 4	...	...
*	35·760	− 6·480	1·00	46. 530	9·9

CH measured from 1, 37, 100, 158, 223.
B ,, ,, 15, 71, 127, 195.
112, 113. C.P.D., suspected double.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
181–200					
181				°	
...	+36′·107	−9′·242	− 2	...	...
...	36·213	+30·100	− 2	...	...
†	36·837	−44·198	− 4	...	...
...	38·130	−16·497	− 3	...	...
...	38·281	+56·977	− 4	...	...
n *	+38·953	+11·846	1·00	45. 564	9·8
*	39·045	−28·613	1·20	46. 531	9·4
n *	39·224	+11·980	1·00	45. 564	9·8
...	39·456	−18·000	− 2	...	...
*	40·597	−44·809	1·20	46. 532	9·3
191					
...	+41·004	+19·215	− 4	*a*	...
...	41·091	+21·563	0·80	...	...
...	41·619	+40·762	0·90	...	...
...	41·926	−20·055	0·75	...	...
...	42·606	+59·060	−3	...	...
*	+43·040	+44·793	1·10	45. 565	9·9
*	44·298	+23·132	1·35	45. 566	9·0
...	44·523	−30·592	0·70	...	...
...	45·439	+38·712	− 3	...	...
...	45·905	+20·384	0·90	...	...
201–220					
201				°	
*	+47′·207	+ 3′·700	1·00	...	...
...	48·986	−35·890	− 2	...	...
... [	49·371	+25·961	0·90		
... [	49·504	+25·983	0·70	45. 567	9·9
...	49·415	+ 6·971	− 4	...	...
*	+49·569	+17·425	1·40	45. 568	9·0
...	49·862	−57·681	− 3	...	...
S ‡	50·042	+ 5·860	1·95	45. 570	8·5
...	50·158	+ 5·938	− 3	*a*	...
*	50·438	+47·132	1·30	45. 569	9·6
211					
S *	+51·064	−53·487	1·55	46. 533	9·0
†	51·299	−54·214	− 3	...	...
...	51·710	+17·560	− 3	...	...
S *	52·071	−24·514	1·75	46. 534	8·4
...	52·158	−47·185	0·95	46. 535	9·9
...	+52·909	−32·120	− 3	...	...
...	53·040	+48·731	− 4	...	...
*	53·484	−13·984	1·40	46. 536	9·2
*	53·581	+13·559	1·05	...	...
...	54·197	−11·297	− 4	...	...
221–226					
221				°	
...	+54′·261	−12′·773	0·95	...	...
...	54·529	+33·691	0·90	...	...
...	56·650	+34·932	0·65	...	...
*	56·759	+44·436	1·20	45. 571	9·4
...	56·760	+13·640	− 2	...	...
*	+59·031	+27·673	1·40	45. 572	9·0

186, 188. C.P.D., suspected double.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
1–30					
1				°	
...	−58′·970	+20′·185	− 1	...	...
...	58·752	−30·813	− 3	...	...
...	57·133	+ 3·544	− 3	...	...
... [	55·667	+25·880	− 1		
... [	55·538	+25·890	− 1	45. 567	9·9
*	−55·260	+47·071	1·30	45. 569	9·6
*	55·192	+17·345	1·55	45. 568	9·0
S *	54·370	+ 5·798	2·93	45. 570	8·5
S *	51·475	−53·496	1·75	46. 533	9·0
S ‡	51·373	−24·501	2·80	46. 534	8·4
11					
...	−51·073	+13·609	0·70	...	...
...	50·761	+33·757	− 3	...	...
...	50·591	−47·164	− 1	46. 535	9·9
*	50·302	−13·926	1·45	46. 536	9·2
...	49·581	−12·691	0·65	...	...
*	−48·886	+44·571	1·30	45. 571	9·4
...	48·688	+35·053	− 3	...	...
*	46·074	+27·881	1·45	45. 572	9·0
...	44·360	+51·201	− 4	...	...
...	42·562	− 2·107	− 3	...	...
21					
...	−41·568	−27·234	− 1	...	...
*	41·177	−26·134	1·40	46. 537	9·4
*	38·063	+14·684	1·05	45. 573	9·8
...	37·638	− 6·201	− 3	...	...
...	36·293	−32·111	− 4	...	...
...	−35·490	−10·806	0·85	46. 538	9·9
...	33·346	−48·619	− 1	...	...
*	33·205	+59·951	3·30	45. 575	8·0
S *	33·047	+28·290	1·83	45. 574	8·8
...	32·831	−35·384	0·65	...	...
31–60					
31				°	
...	−32′·384	+32′·912	− 3	...	...
...	32·217	+ 9·509	− 3	...	...
...	31·411	−13·178	0·65	...	...
*	31·361	+34·458	1·50	45. 576	9·3
...	29·305	+33·779	− 3	...	...
...	−28·774	+51·477	− 2	...	...
*	28·651	−48·181	1·80	46. 539	8·8
...	27·795	−34·393	− 2	...	...
...	26·599	+57·052	− 1	...	...
...	25·117	−14·740	− 4	...	...
41					
S *	−23·719	−22·560	1·68	46. 540	8·8
...	23·578	−52·907	− 1	...	...
...	21·338	+24·887	− 4	...	...
*	18·311	+28·648	1·45	45. 578	9·3
N *	17·901	+18·029	1·50	45. 579	9·3
*	−16·879	+55·372	1·60	45. 580	9·0
*	16·700	− 5·260	1·35	46. 541	9·4
*	16·479	−52·985	1·60	46. 542	9·0
...	16·316	+15·593	1·05	45. 581	9·9
†	16·090	−19·492	− 4	...	...
51					
...	−15·279	+54·265	− 4	...	...
...	14·429	+47·559	− 3	...	...
...	14·342	+ 9·339	− 3	...	...
...	13·936	−30·209	0·85	...	...
...	13·232	− 3·741	0·75	...	...
...	−12·375	−51·079	− 1	...	...
...	12·355	− 3·486	1·05	46. 543	9·7
...	12·029	−48·991	− 3	...	...
...	11·815	−18·349	− 1	...	...
...	11·790	−46·579	− 2	...	...
61–90					
61				°	
...	− 7′·748	−26′·012	− 1	...	...
...	6·236	+14·434	− 4	...	...
...	6·030	+27·898	− 3	...	...
†	5·889	− 9·464	− 3	...	...
...	5·502	−41·985	− 2	...	...
*	− 5·467	+ 2·312	1·45	45. 582	9·4
...	5·403	+33·123	− 1	...	...
...	5·137	−48·019	− 3	...	...
*	4·110	−33·182	1·40	46. 544	9·3
...	3·129	−31·702	− 2	...	...
71					
...	− 3·078	+33·072	− 3	...	...
*	0·913	−23·183	1·40	46. 545	9·6
†	− 0·025	+26·265	− 4	...	...
...	+ 2·205	+21·389	− 4	...	...
S *	3·467	+22·007	1·50	45. 583	9·1
*	+ 3·474	−46·878	1·20	46. 546	9·8
...	3·699	+15·577	− 4	...	...
...	5·502	+41·231	− 4	...	...
...	5·982	−19·171	− 2	...	...
...	7·402	+ 8·915	− 1	...	...
81					
...	+ 7·526	−46·668	− 4	...	...
S *	8·384	−38·395	1·73	46. 547	8·8
...	8·421	+41·139	− 3	...	...
...	8·888	− 6·712	1·25	46. 548	9·8
...	9·124	−42·158	− 2	...	...
†	+ 9·901	− 5·657	− 1	...	...
...	10·674	−20·993	− 4	...	...
*	11·722	+19·192	1·50	45. 584	9·1
...	13·584	+44·896	− 2	...	...
...	13·892	+44·867	− 2	...	...

CH. measured from 1, 35, 73, 107.
B ,, ,, 15, 52, 87, 129.

Images diffused and difficult to measure.
45. Var. L = 9·0 — 10·0.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
91–120					
91					
...	+14·140	−58·072	− 4	...	...
...	14·307	+28·721	− 2	...	...
†	14·973	− 4·166	− 2	...	...
...	16·391	+44·398	0·70	...	...
S *	17·190	+ 5·690	3·00	45. 585	8·4
...	+19·169	−49·754	− 3	...	...
‡	19·834	+56·636	1·30	45. 586	9·8
...	20·944	−14·889	0·65	...	...
‡	21·322	− 4·504	1·40	46. 549	9·4
...	21·820	−16·432	− 2	...	...
101					
...	+22·536	+14·418	− 4	...	...
...	23·135	+46·003	− 1	...	...
...	23·242	−57·661	− 3	...	...
‡	24·209	+25·271	1·50	45. 587	9·4
...	24·559	−26·096	0·70	...	...
...	+24·663	+42·196	− 1	...	...
α	25·849	+ 0·127	0·90	46. 550	9·9
*	26·065	+ 2·234	1·30	45. 588	9·7
...	26·102	+33·664	− 1	...	...
...	26·435	−22·663	− 4	...	...
111					
...	+27·024	+50·363	− 4	...	...
...	27·231	+12·893	0·95	45. 589	9·9
...	30·183	+27·245	− 3	...	...
...	30·841	+38·090	− 2	...	...
...	32·345	+32·822	− 4	...	...
...	+33·130	+26·798	− 4	...	...
...	33·378	+34·735	− 4	...	...
...	33·680	−37·206	− 4	...	...
...	33·836	−17·339	0·75	46. 551	9·9
...	36·006	−20·114	0·85	...	...
121–150					
121					
...	+36·229	+31·118	− 4	...	...
...	36·360	+30·888	− 4	...	...
...	37·278	+40·200	− 1	...	...
*	37·324	+12·149	1·25	45. 590	9·6
*	37·505	+16·653	1·55	45. 591	9·2
...	+37·854	+13·406	− 4	...	...
...	38·527	−13·288	− 4	...	...
S *	39·245	− 1·568	4·80	46. 552	7·1
†	39·868	+46·161	− 1	...	...
...	40·377	−48·098	− 4	...	...
131					
*	+40·724	+31·833	1·40	45. 592	9·4
...	41·209	−31·478	1·00	46. 553	9·6
...	42·236	+47·798	0·80	45. 593	9·9
†	42·450	+30·270	0·85	45. 594	9·9
...	42·483	+34·375	− 3	...	...
...	+45·736	− 5·927	− 3	...	...
*	46·141	−12·722	1·00	46. 554	9·9
...	46·658	+50·432	− 2	...	...
...	46·827	+20·742	− 2	...	...
...	48·216	+26·459	1·00	45. 595	9·9
141					
...	+48·254	+32·036	− 4	...	...
†	51·014	+25·471	1·10	45. 596	9·6
...	51·152	+40·619	0·70	...	...
...	51·290	+28·497	0·70	45. 597	9·9
...	53·573	+55·057	1·00	45. 598	9·9
...	+54·311	+25·885	0·65	...	...
S *	56·136	+18·479	1·75	45. 599	9·0
*	56·919	−53·148	1·40	46. 557	9·4
...	57·025	+ 8·827	1·00	45. 600	9·8
S *	57·120	−23·347	1·85	46. 555	8·8
151–153					
151					
*	+57·871	− 4·925	1·00	46. 556	9·9
...	58·067	−37·801	− 4	...	...
*	59·443	+47·842	1·40	45. 601	9·4

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
1–20					
1					
...	−59·447	+57·334	− 4	...	...
...	59·407	−51·718	− 5	...	...
...	59·290	+17·609	− 4	...	...
...	59·265	−53·050	− 5	M	...
*	59·149	+50·246	1·10	...	...
...	−59·136	+27·638	− 4	...	...
...	58·280	− 6·124	0·85	...	...
...	58·044	+20·575	0·75	...	...
*	57·661	−12·893	1·15	46. 554	9·9
...	57·355	+ 2·654	− 2	...	...
11					
...	−56·975	+31·886	0·80	...	...
*	56·837	+26·343	1·15	45. 595	9·9
...	55·882	−36·448	− 5	M	...
...	55·061	+54·301	− 5	...	...
*	54·339	+40·570	1·10	...	...
...	−54·294	+32·220	− 5	M	...
...	54·098	+58·778	− 5	...	...
*	54·004	+25·421	1·40	45. 596	9·6
...	53·899	+22·928	− 5	...	...
*	53·822	+28·456	1·00	45. 597	9·9
21–40					
21					
...	−53·374	+36·726	− 3	...	...
...	53·005	−28·193	0·70	...	...
...	52·996	−52·911	− 5	...	...
...	52·396	+16·604	− 2	...	...
*	52·377	+55·067	1·40	45. 598	9·9
...	−51·566	−16·112	− 3	M	...
...	50·852	− 5·955	− 4	M	...
*	50·717	+25·949	1·00	...	...
...	50·254	+47·115	− 5	...	...
...	50·240	+21·268	− 4	M	...
31					
...	−49·785	− 0·182	− 5	M	...
...	49·430	+ 7·479	− 5	M	...
...	48·701	+ 0·986	− 5	M	...
S *	48·662	+18·603	2·00	45. 599	9·0
...	48·178	−59·659	− 2	...	...
...	−47·988	−15·056	− 5	M	...
...	47·765	+ 0·533	− 5	M	...
...	47·656	+22·221	− 5	M	...
*	47·477	+ 8·989	1·40	45. 600	9·8
...	47·407	−11·117	− 5	M	...
41–60					
41					
...	−46·930	−25·140	− 1	A	...
...	46·888	+52·363	− 4	...	...
S *	46·371	−23·173	2·10	46. 555	8·8
*	46·288	+48·052	1·70	45. 601	9·4
...	46·271	− 2·908	0·70	...	...
*	−46·216	− 4·743	1·15	46. 556	9·9
...	46·137	−45·681	− 5	M	...
*	45·639	−52·968	1·80	46. 557	9·4
...	45·531	−25·837	− 4	M	...
...	45·427	+50·573	0·70	...	...
51					
...	−45·240	+39·011	− 5	M	...
...	44·985	−37·604	0·85	...	...
*	44·792	+54·548	1·70	45. 602	9·4
...	44·684	−18·711	− 4	M	...
*	44·605	+ 7·197	1·05	...	...
...	−44·374	+ 7·599	0·75	...	...
...	44·128	−41·998	− 4	M	...
...	43·668	+11·655	− 5	M	...
...	43·641	+13·373	− 5	M	...
...	43·129	−37·269	− 1	...	...

NM measured from 1, 118, 274, 435.
ES „ „ 53, 207, 368, 507.

Images diffused and difficult to measure.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·70	C.P.D. No.	C.P.D. Mag.
61–120					
61					
...	−42·924	−15·534	− 5	M	...
...	42·804	+48·113	− 5	M	...
...	42·700	+ 8·522	0·90	...	...
*	42·532	− 8·006	0·95	...	...
...	42·333	+29·486	− 3	...	...
...	−41·799	+24·312	− 4	M	...
...	41·116	−34·092	− 5	M	...
...	41·003	+40·922	− 3	...	...
...	40·319	+ 9·612	− 4	M	...
...	40·142	−18·793	0·75	...	...
71					
†	−39·964	− 2·928	0·90	...	...
...	39·533	+57·864	− 4	...	...
...	39·167	− 3·399	− 3	M	...
...	39·041	− 3·678	0·95	...	...
...	38·830	−26·312	− 4	M	...
...	−38·635	+58·739	− 5	M	...
...	38·162	−55·502	− 1	...	...
...	38·136	+21·385	− 5	M	...
...	37·739	−27·404	− 2	M	...
...	37·649	−41·723	0·65	...	...
81					
*	−37·188	− 9·995	1·25	46. 558	9·7
...	36·618	−38·348	− 5	M	...
...	36·406	+38·136	− 5	...	...
...	36·406	−17·027	0·75	...	...
...	36·344	−23·102	− 5	M	...
...	−36·056	+ 4·780	− 4	M	...
...	35·893	− 24·567	− 5	M	...
*	35·798	+46·210	1·80	45. 603	9·4
...	35·798	+ 3·407	− 2	...	...
...	35·782	−55·409	− 5	...	...
91					
...	−35·758	+21·170	− 5	M	...
*	35·216	−51·974	1·40	46. 559	9·9
‡	35·186	+59·857	1·80	45. 604	9·6
...	35·179	−27·587	0·90	...	...
...	35·127	−34·334	− 5	M	...
...	−34·821	+24·513	− 2	A	...
...	34·815	−57·707	0·90	...	...
...	34·730	+ 2·314	− 4	M	...
...	34·386	+ 13·328	0·70	...	...
*	34·340	− 9·975	1·00	46. 560	9·9
101					
...	−34·204	+23·749	0·80	...	...
†	33·993	−44·743	0·75	...	...
...	33·983	−17·777	− 5	M	...
...	33·869	+28·022	− 2	...	...
...	33·835	+26·209	0·85	...	...
...	−33·832	−40·694	0·80	...	...
...	33·383	+23·394	− 4	...	...
...	33·018	+21·758	− 5	M	...
...	32·940	+ 5·551	− 5	M	...
...	32·910	−11·590	0·90	...	...
111					
...	−32·342	+23·750	− 5	M	...
...	32·112	+31·095	− 5	M	...
...	31·666	+45·602	− 5	M	...
...	30·852	+55·004	− 5	M	...
...	30·542	+18·869	0·70	...	...
†	−30·030	+ 8·265	− 5	M	...
†	30·017	−44·484	− 5	M	...
...	29·617	+19·510	− 5	M	...
...	29·529	−29·729	0·80	...	...
...	29·426	+14·359	− 5	M	...
121–180					
121					
*	−29·189	+55·708	1·05	...	...
...	29·054	−55·339	0·90	...	...
...	28·866	−34·723	− 3	M	...
...	27·878	+28·032	− 5	M	...
...	27·569	−15·243	0·80	...	
...	−27·390	−30·876	− 5	M	...
...	27·330	− 2·848	− 4	M	...
*	26·758	−13·325	1·20	46. 561	9·8
...	26·660	−22·235	− 5	M	...
...	26·497	−57·656	− 5	...	...
131					
*	−25·906	+50·301	0·95	...	...
...	25·318	−14·212	− 5	M	...
‡	25·208	−39·868	2·60	46. 562	8·3
...	25·066	−36·262	− 5	M	...
*	24·921	+29·151	1·10	45. 605	9·7
...	−24·791	−21·049	0·80	...	...
...	24·661	−18·955	− 5	M	...
...	24·589	−46·518	− 4	M	...
†	24·554	−59·671	− 1	...	...
...	24·398	− 7·267	− 5	M	...
141					
*	−23·901	+52·265	1·10	...	...
...	23·700	−10·473	− 5	M	...
*	23·436	+38·891	1·40	45. 606	9·4
...	23·413	+42·474	− 1	...	...
*	23·404	+27·013	1·00	...	...
...	−23·273	+43·048	− 5	M	...
...	22·981	−43·507	− 5	M	...
...	22·824	−51·844	0·70	...	...
...	22·451	+ 9·165	− 2	A	...
...	22·391	+10·394	− 5	M	...
151					
...	−22·183	− 1·699	0·85	A	...
...	22·110	−23·330	− 5	M	...
...	21·484	+12·524	0·70	...	...
...	21·175	+ 3·866	− 5	M	...
...	21·066	−15·036	0·70	...	...
...	−21·019	+10·188	− 5	M	...
...	20·998	+53·731	− 5	M	...
...	20·903	−25·903	− 3	M	...
*	20·817	−30·183	1·40	46. 563	9·9
*	20·556	+18·551	1·10	...	...
161					
*	−20·522	− 6·614	1·60	46. 564	9·3
...	20·339	+ 8·785	− 5	M	...
†	20·189	−14·914	− 5	M	...
†	19·942	−27·802	0·70	...	...
...	19·882	+45·527	− 4	...	...
†	−19·750	+10·117	0·70	...	...
*	19·653	−55·251	1·60	46. 565	9·8
...	19·615	+38·823	− 5	...	...
*	19·513	+ 7·967	1·20	45. 607	9·9
...	19·459	+41·122	− 5	M	...
171					
*	−19·409	−43·005	1·20	...	...
...	19·345	+23·024	− 5	M	...
...	19·235	+33·381	− 5	...	...
...	19·174	+35·075	− 4	...	...
S ‡	19·110	−44·811	2·30	46. 566	8·6
...	−19·100	+ 9·443	0·65	...	...
†	19·097	−24·876	0·80	...	...
*	19·096	−24·035	1·40	46. 567	9·6
...	18·987	−43·756	1·00	...	...
...	18·576	+27·618	− 5	M	...
181–240					
181					
*	−18·326	+41·971	1·15	45. 608	9·9
...	18·118	−47·374	− 5	M	...
*	18·056	−12·257	1·20	46. 568	9·9
...	17·965	−30·062	0·70	A	...
...	17·964	−17·513	− 5	M	...
...	−17·937	+47·783	− 5	M	...
...	17·933	+ 0·429	0·70	α	...
...	17·900	−57·487	− 5	M	...
...	17·683	+43·881	− 5	M	...
*	17·647	−40·089	1·00	...	...
191					
...	−17·637	+46·320	− 4	...	...
...	17·613	+54·575	− 4	...	...
...	17·591	+ 8·015	− 5	M	...
...	17·288	− 4·078	− 5	M	...
...	17·043	− 3·284	− 5	M	...
...	−16·955	+27·046	0·90	...	...
*	16·740	+ 9·941	1·10	45. 609	9·9
...	16·299	− 8·437	− 4	M	...
...	16·258	+ 7·222	− 4	M	...
...	16·108	− 6·496	− 5	M	...
201					
...	−16·107	−12·942	− 5	M	...
...	15·484	+15·612	0·70	...	...
...	15·458	−48·759	0·95	...	...
...	15·455	+ 5·855	− 5	M	...
S *	15·382	+33·644	2·60	45. 610	8·4
...	−15·324	+53·659	− 5	M	...
‡	14·992	−22·582	2·80	46. 569	8·3
...	14·805	+29·236	− 3	M	...
...	14·444	−42·970	− 3	...	...
...	14·097	+12·214	− 4	M	...
211					
...	−13·625	+10·222	− 4	M	...
*	13·370	+ 6·005	1·90	45. 611	9·2
...	13·058	−20·628	− 3	...	...
...	13·016	+46·824	− 4	M	...
...	12·649	−16·521	− 3	M	...
...	−12·218	− 2·930	0·70	A	...
...	11·799	+23·235	− 3	...	...
...	11·490	−31·361	− 5	M	...
...	11·401	−29·989	− 5	M	...
...	10·926	−17·375	0·90	...	...
221					
...	−10·656	−39·980	− 4	M	...
...	10·631	+36·765	0·65	...	...
...	10·370	+32·491	0·80	...	...
...	10·263	−24·545	− 5	M	...
†	10·100	+27·859	− 3	...	...
*	− 9·595	+48·795	2·40	45. 612	8·6
...	9·547	+35·875	− 3	...	...
...	9·199	−15·098	− 4	M	...
...	8·372	+54·456	− 4	...	...
...	8·005	+39·472	− 3	...	...
231					
...	− 7·656	−33·378	− 5	M	...
...	7·651	+33·097	− 5	M	...
...	7·529	+47·024	− 5	M	...
...	7·435	−51·641	− 5	M *m*	...
...	7·387	−45·823	0·90	...	...
...	− 7·294	+55·076	0·75	...	...
...	7·250	+43·726	− 3	...	...
...	7·020	+27·356	− 3	...	...
S *	6·874	−22·524	2·00	46. 570	8·8
...	6·506	−12·534	− 5	M *m*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·70.	C.P.D. No.	C.P.D. Mag.
	241–300				
241					
…	− 6·397	+13·385	0·80	…	…
…	6·342	+40·882	− 5	M *m*	…
*	6·079	+21·733	1·30	45. 613	10·2
…	5·974	− 7·067	− 3	M	…
…	5·968	+17·210	0·75	…	…
…	− 5·875	+56·993	− 1	…	…
…	5·679	−57·835	− 5	…	…
…	5·162	−36·643	0·80	…	…
*	4·916	+32·331	1·20	45. 614	10·0
…	4·319	−22·364	0·65	M	…
251					
…	− 4·233	−21·198	− 5	M *m*	…
…	3·895	−55·455	− 3	…	…
…	3·879	+45·370	− 3	…	…
*	3·852	+17·776	0·95	…	…
*	3·842	−32·067	1·70	46. 571	9·4
…	− 3·801	+16·930	− 4	M *m*	…
…	3·499	+37·962	− 4	…	…
*	3·185	+52·861	1·40	45. 615	10·2
…	3·148	−55·808	0·65	…	…
…	2·946	−34·278	− 4	M	…
261					
…	− 2·680	−34·619	− 3	M	…
…	2·647	−54·519	0·95	…	…
S*	2·496	+29·687	2·10	45. 616	9·2
…	2·317	− 2·811	− 4	M	…
…	2·314	−40·972	0·95	…	…
…	− 1·402	+38·969	− 4	…	…
…	1·362	−29·726	− 1	M	…
…	1·128	−29·384	− 3	M	…
…	0·917	−12·184	− 5	M *m*	…
*	0·727	−45·272	1·25	46. 572	9·8
271					
…	− 0·555	−47·145	− 5	M *m*	…
…	0·436	−48·075	0·90	…	…
…	0·202	−36·943	0·75	…	…
…	− 0·013	+54·560	0·80	…	…
…	+ 0·094	−57·278	− 5	M	…
…	+ 0·095	−36·978	− 4	M	…
…	0·316	−34·554	− 5	M *m*	…
…	0·594	+27·844	− 3	…	…
*	0·618	− 3·072	0·95	46. 573	9·9
…	0·668	+55·211	0·85	…	…
281					
…	+ 0·691	+12·534	− 2	…	…
…	0·989	−48·063	− 3	…	…
…	1·022	+28·723	− 5	M *m*	…
…	1·134	+27·848	0·75	…	…
…	1·162	−25·620	0·80	…	…
…	+ 1·169	−40·175	0·85	…	…
*	1·405	+ 5·258	0·90	…	…
…	1·641	+14·173	− 2	…	…
…	1·686	+25·486	0·70	…	…
…	1·783	+31·881	0·85	…	…
291					
…	+ 1·878	+56·720	0·65	…	…
*	2·200	+44·238	0·95	…	…
…	2·200	−56·018	− 5	M	…
…	2·332	−58·109	0·75	…	…
…	2·366	+ 0·415	− 5	M *m*	…
…	+ 2·410	−58·274	0·95	…	…
…	2·775	+51·085	− 4	…	…
…	2·921	−53·664	− 2	M	…
…	3·038	+58·335	0·85	…	…
…	3·688	−42·536	− 5	M	…
	301–360				
301					
…	+ 3·851	+18·623	− 5	M *m*	…
…	4·050	−27·824	− 5	M	…
…	4·255	−13·052	0·70	…	…
…	4·589	+25 722	− 2	…	…
†	4·855	+43·293	0·70	…	…
…	+ 4·992	+33·155	− 1	…	…
…	5·119	− 3·757	0·70	M	…
…	5·279	−45·581	− 5	M	…
…	5·361	−32·025	− 1	…	…
…	5·466	+58·832	0·70	…	…
311					
…	+ 5·648	+ 9·008	− 5	M *m*	…
…	5·822	+ 8·849	− 3	M *m*	…
…	5·898	+ 2·778	− 5	M *m*	…
*	6·154	+38·424	0·95	…	…
…	6·213	+48·275	− 5	M	…
…	+ 6·825	+51·080	− 5	…	…
…	7·025	−57·917	− 5	M	…
*	7·148	−32·861	1·60	46. 574	10·2
*	7·236	−45·506	1·10	…	…
*	7·375	+52·630	3·00	45. 617	8·1
321					
…	+ 7·523	−27·866	− 5	M *m*	…
*	7·703	+ 7·736	1·60	45. 618	9·6
…	7·759	−50·629	− 5	M	…
.	8·085	+39·358	− 5	*m*	…
*	8·130	+29·693	1·05	…	…
…	+ 8·146	+15·211	0·65	…	…
…	8·577	+ 3·201	− 5	*m*	…
…	8·610	+25·848	− 5	*m*	…
…	8·875	−21·266	− 1	…	…
…	8·995	+ 6·050	− 5	*m*	…
331					
…	+ 9·003	−46·967	0·65	…	…
…	9·049	+18·653	0·65	…	…
…	9·120	+ 4·753	− 4	…	…
†	9·152	− 4·929	0·65	…	…
…	9·210	− 3·857	− 5	*m*	…
…	+ 9·663	+36·107	− 5	*m*	…
*	9·714	−54·905	1·70	46. 575	9·6
†	9·850	−15·478	0·75	…	…
…	9·945	+50·248	0·65	…	…
†	9·956	− 7·681	− 4	…	…
341					
…	+10·027	+34·663	− 5	*m*	…
…	10·149	−53·515	0·80	…	…
*	10·378	−59·274	1·60	47. 575	10·2
…	10·526	−28·905	0·80	…	…
…	10·728	−12·736	− 5	*m*	…
…	+10·840	+31·313	− 5	*m*	…
…	11·077	−36·248	0·85	…	…
…	11·127	+ 9·740	0·70	…	…
…	11·194	+12·311	− 5	*m*	…
…	11·254	−51·712	− 5	…	…
351					
*	+11·735	−27·636	1·40	46. 576	10·2
…	11·754	+37·643	0·70	…	…
…	11·844	−36·599	0·90	…	…
…	11·865	−29·535	− 1	…	…
…	12·324	−25·081	− 5	*m*	…
…	+12·547	−10·004	− 5	*m*	…
…	12·818	−36·204	− 5	…	…
…	12·852	+21·072	− 5	*m*	…
…	13·042	−55·614	− 5	…	…
…	13·370	+53·580	0·90	…	…
	361–420				
361					
…	+13·382	+41·385	0·95	…	…
…	13·911	+19·698	− 3	…	…
…	14·113	− 6·163	− 2	…	…
n*	14·290	−18·347	1·00	46. 577	10·2
…	14·328	−30·443	− 5	…	…
…	+14·365	− 5·724	0·80	…	…
n*	14·728	−18·447	1·20	46. 577	10·2
*	15·343	−19·572	1·40	46. 578	10·2
…	15·400	−13·976	0·75	…	…
…	15·699	+18·701	0·75	…	…
371					
…	+15·838	−46·805	− 3	…	…
…	15·961	−35·872	0·85	…	…
…	16·397	+ 2·679	− 5	*m*	…
*	16·499	+ 1·139	1·60	46. 579	9·7
…	16·618	−23·918	− 3	…	…
…	+16·734	+40·598	0·75	…	…
…	17·066	+ 8·054	0·90	…	…
…	17·469	−52·621	− 1	…	…
†	17·560	−34·734	0·90	…	…
…	17·850	−13·874	− 5	…	…
381					
…	+18·122	+ 1·119	− 5	…	…
…	18·346	+28·218	− 1	…	…
…	18·497	+ 6·593	0·70	…	…
…	18·992	+44·532	− 4	…	…
*	19·131	+25·970	1·00	…	…
…	+19·497	+ 1·586	0·80	…	…
…	19·652	−48·200	− 4	…	…
†	19·876	−31·990	0·90	…	…
…	20·453	− 8·774	− 4	…	…
*	20·600	+33·755	2·70	45. 619	8·1
391					
…	+20·928	+41·765	− 3	…	…
…	21·065	−57·695	0·75	…	…
…	21·265	−36·349	− 2	…	…
…	21·321	−11·438	− 3	…	…
…	21·807	−11·553	0·75	…	…
*	+22·045	−32·915	1·00	…	…
…	22·152	−11·124	− 5	*m*	…
…	22·318	+ 2·716	− 4	…	…
…	22·503	−38·136	− 5	…	…
…	22·512	+57·750	− 4	…	…
401					
…	+22·706	−26·705	− 5	…	…
…	22·792	−10·240	− 5	…	…
…	23·126	−55·744	1·00	…	…
…	23·290	+29·228	− 4	…	…
…	23·323	−25·464	0·80	…	…
…	+23·377	+24·625	0·90	…	…
…	23·577	−54·046	− 5	…	…
…	23·618	−29·139	0·85	…	…
…	23·620	−28·050	− 1	…	…
…	24·192	−41·750	− 5	…	…
411					
…	+24·393	+ 3·870	− 3	…	…
…	24·541	+26·691	− 2	…	…
…	25·282	−29·630	− 5	…	…
…	25·485	−40·640	0·75	…	…
…	25·995	+ 3·684	0·85	…	…
S*	+26·430	+10·462	1·50	45. 620	9·6
…	26·436	−32·641	− 4	…	…
…	26·818	+57·601	− 2	…	…
…	26·829	+23·756	− 2	…	…
…	20·864	−40·894	− 5	…	…

364, 367. C.P.D. place agrees with mean.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·70.	C.P.D. No.	C.P.D. Mag.
421–470					
421				°	
...	+27′·180	+20′·446	− 3	...	...
...	27·255	+59·317	− 5	...	...
*	27·402	−47·821	1·30	...	...
†	27·845	+54·995	− 3	*a*	...
†	28·126	−49·654	0·65	...	...
...	+28·234	−59·526	0·90	...	...
...	28·314	+12·048	0·90	...	...
...	28·391	+25·164	− 5	*m*	...
*	28·425	−26·889	1·00	...	...
...	28·547	+41·511	− 5	*m*	...
431					
*	+28·612	−48·479	1·20	...	...
...	28·704	−10·188	− 4	...	...
...	29·591	+15·487	0·70	...	...
*	29·621	−49·197	1·10	...	...
...	29·909	+35·584	− 5	*m*	...
...	+29·964	+31·770	− 5	*m*	...
...	30·084	−11·082	− 3	...	...
...	30·267	+ 2·003	− 5	*m*	...
...	30·392	+21·565	− 4	...	...
...	30·835	+54·557	− 5	*m*	...
441					
...	+30·997	+55·973	− 5	*m*	...
...	31·779	+36·812	0·85	...	...
...	31·850	−51·552	0·80	...	...
...	31·875	+41·255	− 5	*m*	...
...	32·138	+14·207	− 5	*m*	...
...	+32·150	−15·062	− 5	*m*	...
...	32·215	+42·440	0·70	...	...
...	32·273	+15·004	− 4	*m*	...
*	32·441	+53·643	1·00	...	...
...	32·874	+ 3·835	− 2	...	...
451					
*	+33·198	−36·965	0·95	...	...
‡	33·985	−34·726	1·05	46. 580	10·2
...	34·134	−24·403	− 5	...	...
...	34·339	+39·271	− 5	*m*	...
...	34·385	− 5·530	− 5	...	...
*	+34·403	−23·710	1·00	...	...
†	34·491	−34·706	− 5	*m*	...
...	34·596	+35·095	− 5	*m*	...
...	34·676	+18·089	− 4	...	...
†	35·391	− 9·842	0·70	...	...
461					
...	+35·416	−42·038	0·85	...	...
...	35·570	+52·780	0·90	...	...
...	35·646	− 5·676	− 2	...	...
*	35·677	−10·630	1·05	...	...
...	35·694	+57·177	− 5	*m*	...
...	+35·944	+29·472	− 4	...	...
...	36·389	−29·379	− 3	...	...
...	36·713	+53·449	− 4	*m*	...
...	36·741	+43·179	− 5	...	...
...	36·804	− 9·516	0·75	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·70.	C.P.D. No.	C.P.D. Mag.
471–520					
471				°	
...	+36′·987	+48′·504	− 1	...	...
...	37·014	−15·113	− 4	...	...
...	37·308	+12·591	− 5	*m*	...
*	37·318	+ 1·957	0·90	...	...
*	37·389	−43·567	1·15	...	...
...	+37·483	+11·674	0·70	...	...
...	37·520	+ 7·269	0·70	...	...
...	37·975	+16·433	− 5	...	...
*	38·117	+38·202	1·10	...	...
...	38·544	+43·106	− 1	...	...
481					
...	+38·748	+23·663	− 4	*m*	...
*	38·777	+44·183	1·00	...	...
...	39·003	−22·785	0·85	...	...
...	39·418	+43·333	− 5	*m*	...
...	39·718	−28·101	0·90	...	...
...	+40·059	−37·413	− 5	...	...
S *	40·219	+51·648	2·90	45. 621	8·2
†	40·324	+34·989	− 3	...	...
*	40·341	−51·476	1·10	...	...
...	40·563	−10·916	− 4	...	...
491					
...	+40·892	+15·896	− 5	*m*	...
...	40·907	+52·810	− 5	*m*	...
...	41·006	−46·858	− 5	...	...
...	41·202	−35·209	− 5	...	...
*	41·547	+ 4·537	1·00	...	...
...	+42·028	−55·974	− 5	...	...
*	42·478	− 5·816	0·95	...	...
...	42·771	−47·168	− 5	...	...
*	42·811	+17·256	1·05	...	...
*	42·844	−23·409	1·20	...	...
501					
...	+43·082	−44·601	− 4	*m*	...
...	43·163	−17·246	− 5	...	...
...	43·227	−32·742	0·95	...	...
...	43·232	+ 9·759	− 5	*m*	...
...	43·490	−28·834	− 5	...	...
...	+44·240	+25·795	− 5	*m*	...
...	45·139	−27·709	− 5	...	...
*	45·487	+39·302	1·60	45. 622	10·2
...	45·884	− 9·630	− 4	...	...
S *	46·009	−10·875	2·90	46. 581	8·0
511					
...	+46·235	+33·871	− 5	*m*	...
...	46·981	+32·887	− 5	...	...
...	47·226	−54·829	− 1	...	...
*	47·347	+25·353	1·20	45. 623	10·2
...	47·441	+36·252	− 5	*m*	...
...	+47·712	−14·510	− 4	...	...
...	47·736	−58·535	− 1	...	...
...	47·747	−53·307	− 4	...	...
...	47·823	+58·344	− 5	*m*	...
*	47·827	+40·818	1·50	45. 624	10·2

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·70.	C.P.D. No.	C.P.D. Mag.
521–543					
521				°	
...	+49′·286	+52′·504	− 3	*e*	...
...	50·004	+22·226	− 5	*m*	...
...	50·097	+21·865	0·80	...	...
...	50·216	−36·351	− 5	...	...
*	53·305	+ 6·475	1·10	...	...
...	+53·562	+44·797	− 5	*m*	...
...	53·844	+11·937	− 5	...	...
...	54·034	− 8·786	0·75	...	...
...	54·389	−35·405	− 5	...	...
...	54·435	+18·817	0·70	...	...
531					
...	+54·518	−44·047	− 2	...	...
†	54·733	−15·987	− 5	...	...
*	55·143	−18·142	2·00	46. 582	9·7
...	55·841	+28·712	− 3	...	...
...	55·971	−11·675	− 5	...	...
S *	+56·586	+48·958	2·20	45. 625	9·4
...	57·256	+46·486	0·80	...	...
...	57·510	−28·663	− 5	...	...
...	58·248	−29·918	− 1	...	...
N	58·320	−32·125	− 4	...	...
541					
...	+58·376	+40·748	− 5	*m*	...
...	59·491	−34·863	− 5	...	...
...	59·543	−27·606	− 1	...	...

540. No sign of duplicity 47°·33, two stars.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
1-60					
1					
...	−59·964	+39·086	1·00	45. 622	10·2
†	59·955	−32·999	— 4	...	...
S *	57·854	−11·058	3·10	46. 581	8·0
...	57·684	+40·656	1·05	45. 624	10·2
*	57·671	+25·181	1·00	45. 623	10·2
...	−56·594	+52·387	— 5	E	...
...	56·050	−14·650	— 5	...	...
‡	55·279	−54·957	— 4	...	...
...	54·825	−53·405	— 5	...	...
...	54·822	+21·791	0·70	...	...
11					
...	−54·651	−58·661	— 5	...	...
...	51·127	+ 6·495	1·00	...	...
...	50·770	+11·973	— 5	...	...
...	50·392	+18·893	— 5	...	...
...	49·922	− 8·715	— 2	...	...
...	−49·281	+28·811	— 5	...	...
S *	49·171	+49·070	1·80	45. 625	9·4
*	48·511	−18·039	1·80	46. 582	9·7
...	48·434	+46·613	— 1	...	...
...	48·336	−43·949	— 5	...	...
21					
...	−45·240	+28·037	— 5	...	...
†	45·070	−29·717	— 3	...	...
...	44·176	+58·510	— 5	...	...
*	44·161	+ 6·784	2·20	45. 626	8·9
...	43·812	−27·353	— 4	...	...
...	−43·724	+ 2·137	— 5	...	...
...	43·056	+23·493	— 2	...	...
...	42·997	−28·684	— 5	...	...
...	42·957	+37·491	— 1	...	...
*	42·347	+18·063	1·00	45. 627	10·2
31					
*	−41·957	−41·289	1·00	46. 583	10·2
...	41·680	+52·204	— 1	...	...
...	41·657	+53·297	— 4	...	...
...	41·651	−14·686	— 3	...	...
...	41·581	−15·500	— 3	...	...
...	−41·450	+20·021	0·90	...	...
...	41·380	+43·833	— 5	M	...
S *	41·364	−37·956	1·80	46. 584	9·0
...	41·332	+33·379	1·00	...	...
...	40·807	+45·148	— 4	...	...
41					
*	−40·652	−33·345	1·00	46. 585	10·2
...	40·160	−11·246	— 5	...	...
...	39·404	−15·348	1·00	...	...
...	38·883	−48·178	— 5	...	...
...	38·305	+12·508	0·85	...	...
...	−38·105	−44·965	— 3	...	...
...	37·770	−35·063	0·75	...	...
*	37·360	+42·538	1·20	45. 628	9·7
...	36·918	−43·110	— 3	...	...
...	35·758	−36·728	— 3	...	...
51					
*	−35·736	−39·015	1·30	46. 586	9·6
*	35·255	+43·845	1·40	45. 629	9·6
†	35·114	+44·629	0·95	...	...
...	34·519	+45·520	— 2	...	...
...	32·711	+40·165	1·00	...	...
...	−32·591	+52·415	1·00	...	...
...	32·590	−11·914	— 1	...	...
...	32·204	+31·572	— 3	...	...
...	31·596	+ 7·148	1·00	...	...
...	31·468	−46·897	— 1	...	...
61-120					
61					
*	−31·322	−41·189	1·00	46. 587	10·2
*	31·004	−40·129	1·05	46. 588	10·0
...	30·486	−12·999	— 5	...	...
...	29·053	+30·857	0·85	45. 630	10·2
...	29·003	−18·249	— 1	...	...
...	−28·322	− 6·939	— 2	...	...
...	28·171	−29·208	— 5	...	...
...	28·097	−16·709	— 3	...	...
...	27·845	+40·114	— 1	...	...
...	27·700	−30·195	— 1	...	...
71					
...	−27·558	+23·178	— 5	...	...
...	27·383	+ 4·733	— 5	M	...
...	27·303	−33·122	— 5	...	...
...	26·919	−16·929	— 4	...	...
...	25·459	+ 5·216	— 4	...	...
...	−25·019	+17·576	— 4	...	...
...	24·983	−38·595	— 5	...	...
...	24·881	+54·708	— 3	...	...
...	24·648	−39·788	0·85	...	...
...	24·586	+ 7·005	— 5	...	...
81					
...	−24·521	−14·510	— 1	...	...
...	24·265	+ 7·469	0·90	...	...
...	24·116	+43·697	— 1	...	...
...	23·821	+11·615	0·85	...	...
...	23·782	+40·139	— 2	...	...
...	−23·652	+36·831	0·90	...	...
†	22·950	−15·050	— 2	...	...
...	22·657	+ 6·001	— 5	...	...
...	22·062	+11·014	— 4	...	...
...	21·718	+16·933	— 4	...	...
91					
...	−21·491	+30·411	— 3	...	...
...	21·276	+13·625	— 5	...	...
...	20·663	−39·797	— 2	...	...
...	20·648	+43·374	— 2	...	...
...	20·450	+20·925	— 5	...	...
...	−20·353	+ 9·503	0·80	...	...
...	20·071	+43·313	— 1	...	...
...	19·977	−34·413	— 2	...	...
...	19·868	+22·589	— 5	M	...
...	19·504	+50·977	— 3	...	...
101					
S *	−19·436	+20·661	1·00	45. 631	9·9
...	19·214	+48·506	— 3	...	...
*	18·928	+43·135	1·00	45. 632	10·0
...	18·859	+31·372	— 2	...	...
...	18·672	−32·331	— 4	...	...
...	−18·510	+45·709	— 2	...	...
...	18·340	+38·344	— 4	...	...
...	18·303	− 7·022	— 1	...	...
...	18·054	−55·933	— 1	...	...
S *	17·586	−40·421	1·22	46. 589	9·8
111					
...	−17·262	+37·946	— 3	...	...
N	17·215	+37·395	— 2	...	...
...	16·280	−38·427	— 3	...	...
...	15·715	−34·759	— 2	...	...
...	15·269	−54·111	— 1	...	...
...	−14·824	− 4·575	— 5	...	...
...	13·861	−52·597	— 1	...	...
S *	13·523	− 7·645	2·65	46. 590	8·9
...	13·509	+57·933	— 2	...	...
...	13·193	+30·819	— 5	...	...
121-180					
121					
...	−13·127	+28·685	— 3	...	...
F ‡	12·928	+ 0·052	5·90	46. 591	7·5
...	12·861	−40·691	— 1	...	...
...	12·131	+52·449	— 2	...	...
...	11·750	−47·489	— 5	...	...
...	−11·486	+56·561	— 2	...	...
*	11·480	+26·821	1·15	45. 633	10·2
...	10·769	+56·350	— 1	...	...
*	10·271	+11·529	1·20	45. 634	9·7
...	9·641	+27·514	— 2	...	...
131					
...	− 8·701	+46·591	— 5	...	...
...	8·648	+50·215	— 3	...	...
...	8·483	+53·158	0·85	...	...
*	7·968	+51·499	1·15	45. 635	9·9
...	6·526	+52·095	0·75	...	...
...	− 6·019	−54·486	— 5	*m*	...
...	5·823	−47·379	— 4	...	...
...	5·625	−37·790	0·75	...	...
...	5·588	−32·351	— 4	...	...
F *f**	4·554	+ 0·164	1·00	46. 592	10·2
141					
*	− 4·270	+22·020	1·20	45. 636	9·9
...	3·902	+55·756	0·95	...	...
...	3·305	+34·581	— 5	...	...
...	3·209	−25·722	— 4	...	...
...	2·904	−53·568	— 5	*m*	...
...	− 2·431	+55·495	— 1	...	...
...	0·820	+35·778	— 4	...	...,
†	− 0·070	−20·216	— 5	...	...
...	+ 0·568	+14·436	1·00	...	...
...	0·776	+59·463	— 3	...	...
151					
*	+ 1·635	+20·648	1·00	45. 637	10·2
*	2·039	−30·215	1·15	46. 593	9·6
...	2·155	−40·761	— 5	*m*	...
...	2·262	−53·769	— 5	...	...
...	2·442	−43·208	— 3	...	...
...	+ 2·512	+55·082	— 3	...	...
*	2·929	−10·675	1·00	46. 594	10·2
S *	2·999	+15·964	1·30	45. 638	9·7
...	4·477	−57·145	— 5	...	...
...	4·625	−22·499	— 5	...	...
161					
...	+ 5·898	−45·002	— 4	...	...
...	7·562	+ 3·672	— 1	...	...
*	8·384	+39·528	1·30	45. 639	9·6
...	8·982	+35·159	— 2	...	...
...	9·162	−59·502	— 3	...	...
...	+ 9·439	+10·241	— 5	...	...
...	9·677	+45·828	— 3	...	...
†	9·705	+33·761	— 5	...	...
...	10·098	−31·123	— 3	...	...
S *	+10·538	+15·148	2·10	45. 640	8·9
171					
...	10·558	−37·193	— 3	...	...
*	11·003	−20·457	1·10	46. 595	10·2
...	11·404	+50·081	— 1	...	...
...	11·687	−52·204	— 5	...	...
...	11·739	−47·852	— 3	...	...
...	+11·998	−58·642	— 5	...	...
*	12·118	+42·436	1·00	...	...
...	14·380	−48·783	1·00	...	...
...	14·967	+21·828	— 5	...	...
...	15·945	+59·153	— 3	...	...

I. measured from 1, 148.
MC ,, ,, 64, 204.

112. Obscures 2nd image of 111.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
181-220					
181				°	
...	+16′·483	−18′·799	− 5	...	...
...	16·713	+16·018	− 4	...	...
...	17·294	− 3·104	− 5	*m*	...
...	17·705	−32·691	− 5	*m*	...
...	18·043	+14·148	− 4	...	...
...	+18·183	−54·459	0·90	...	...
...	18·197	−26·989	− 5	...	...
*	18·777	+57·051	1·30	45. 642	9·8
†	19·818	+50·750	1·00	...	...
...	20·527	+13·316	− 3	...	...
191					
...	+22·072	−31·655	− 5	...	...
...	22·416	−22·329	− 5	...	...
*	22·472	− 5·676	1·10	46. 596	9·9
*	22·897	−28·847	1·00	46. 597	10·2
...	23·016	− 8·243	− 5	...	...
*	+23·666	−41·537	1·05	46. 598	10·2
*	24·545	−18·148	2·00	46. 599	9·6
...	25·278	−44·419	− 5	...	...
...	26·136	−25·828	− 1	...	...
S *	26·810	+49·556	1·25	45. 643	9·6
201					
*	+28·097	+53·333	1·25	45. 644	9·6
...	28·226	+33·913	0·90	...	...
...	29·483	−50·820	− 4	...	...
...	29·995	− 5·495	− 5	*m*	...
...	30·313	−36·377	0·90	...	...
†	+30·668	+29·896	− 3	...	...
...	31·430	− 0·675	− 4	...	...
...	31·960	+39·626	0·80	...	...
...	32·490	−23·267	0·85	...	...
...	32·498	+38·850	− 5	*m*	...
211					
...	+33·086	−35·542	0·90	...	...
...	33·427	−47·442	− 5	*m*	...
...	33·793	+ 7·180	− 2	...	...
...	34·234	−39·118	− 3	...	...
...	34·984	+40·391	− 2	...	...
...	+35·267	+27·364	− 1	...	...
*	35·410	+ 5·253	1·00	45. 646	10·0
*	35·492	−55·903	1·20	46. 602	10·0
...	35·519	−54·411	− 3	...	...
*	35·525	+36·206	1·10	45. 645	10·2
221-260					
221				°	
...	+35′·630	−15′·764	0·95	46. 600	10·2
S *	35·995	− 5·252	3·00	46. 601	8·4
...	36·560	−53·098	− 3	...	...
S *	36·909	−34·177	1·80	46. 603	9·6
...	37·296	+18·807	− 1	...	...
...	+38·330	+37·386	− 2	...	...
...	38·679	−59·484	− 5	...	...
*	38·695	+22·855	1·00	45. 647	9·9
...	39·118	+22·457	− 5	...	...
...	39·330	+45·995	− 1	...	...
231					
...	+39·872	+49·406	− 4	...	...
...	40·049	−43·375	1·00	46. 605	10·0
*	40·131	−15·213	1·70	46. 604	9·2
...	40·256	−40·113	− 4	...	...
...	40·272	−58·699	0·95	46. 606	10·2
...	+40·396	−28·704	− 4	...	...
...	41·237	+12·933	0·95	45. 648	10·2
...	41·621	+ 1·176	− 2	...	...
...	42·028	+18·772	0·90	...	...
...	42·710	+58·227	0·90	45. 649	10·2
241					
...	+42·756	+15·216	0·90	...	...
...	42·898	−33·389	− 5	...	...
...	42·950	− 2·987	− 1	...	...
...	43·275	−48·638	− 3	...	...
...	43·442	−25·139	− 3	...	...
...	+44·555	−15·693	− 1	...	...
...	45·389	+29·390	0·90	45. 650	10·2
...	45·460	+19·047	− 5	...	...
...	45·462	+51·144	− 5	...	...
*	45·794	+17·850	1·00	45. 651	9·8
251					
...	+46·485	+51·205	− 3	...	...
...	46·488	+21·746	− 3	...	...
...	46·760	−14·259	0·80	...	...
...	47·503	−44·729	− 5	...	...
†	47·615	−54·809	− 4	...	...
...	+48·391	−44·181	− 2	...	...
*	49·522	+42·724	1·00	45. 652	10·2
†	49·708	+30·502	0·85	...	...
†	49·822	− 4·927	− 1	...	...
...	49·844	+29·231	− 2	...	...
261-284					
261				°	
...	+49′·865	+14′·571	− 4	...	...
*	50·343	+16·566	1·70	45. 653	9·6
...	50·497	+13·102	− 3	...	...
...	50·664	+ 0·523	− 3	...	...
...	50·762	+31·779	− 5	*e*	...
*	+51·568	−58·510	1·30	46. 607	10·0
...	52·333	−36·013	− 4	...	...
...	52·666	+ 9·538	− 1	...	...
...	53·409	+ 9·832	− 5	...	...
...	53·744	+29·006	− 1	...	...
271					
...	+54·372	+38·932	− 2	...	...
...	54·587	−40·112	− 4	...	...
...	54·899	−12·181	0·95	46. 608	10·2
...	55·067	+46·459	− 2	...	...
...	55·632	−53·647	− 5	*e*	...
S *	+55·697	− 9·472	3·80	46. 609	8·0
*	55·866	+44·172	1·50	45. 654	9·7
...	56·450	+31·616	− 3	...	...
...	56·522	−36·274	− 3	...	...
...	56·792	−13·974	− 2	...	...
281					
...	+57·596	+ 8·702	− 4	...	...
...	58·394	+ 8·587	0·90	...	...
*	58·748	−57·923	1·40	46. 610	9·8
*	59·553	+ 8·321	1·00	45. 655	10·0

−46° No. 35 D,0·85. 1902·05 5h 40m

	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
1-10					
I				°	
*	−59′·768	+29′·190	1·15	45. 650	10·2
...	59·425	−48·883	− 4	...	...
...	59·370	+18·839	− 5	...	...
...	59·359	+51·027	− 2	...	...
*	59·178	−15·910	0·95	...	...
*	−58·996	+17·656	1·60	45. 651	9·8
...	58·567	+ 7·552	− 5	...	...
...	58·422	+21·577	0·65	...	...
*	57·025	−14·405	1·00	...	...
*	56·044	+42·644	1·40	45. 652	10·2
11-20					
11				°	
...	−55′·847	−25′·516	− 5	M	...
*	55·499	+30·425	0·95	...	...
...	55·350	− 1·344	− 4	M	...
...	55·303	+29·156	0·65	...	...
...	55·288	+13·073	− 5	...	...
...	−55·278	−27·862	− 5	M	...
...	54·882	−54·920	− 4	...	...
...	54·834	+14·489	0·65	...	...
...	54·462	−44·270	0·70	...	...
...	54·461	+31·722	− 5	E	...
21-30					
21				°	
*	−54′·409	+16′·504	1·80	45. 653	9·6
‡	54·254	− 4·983	0·90	...	...
‡	54·146	+13·052	0·65	...	...
...	53·585	+ 0·488	0·70	...	...
...	53·169	+11·980	− 5	...	...
...	−51·862	+ 9·562	0·90	...	...
...	51·399	+29·063	0·90	...	...
...	51·328	−51·252	− 5	...	...
...	51·138	+ 9·885	− 3	...	...
...	51·088	+38·998	0·85	...	...

ES measured from 1, 127, 281, 455.
NM „ „ 52, 199, 358, 537.

Images diffused and difficult to measure.
NM. over-estimated diameters of faint stars ; images D−5 too faint for accurate measurement.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	0·85.	No.	Mag.
31-90					
31					
...	−50·951	−16·794	− 4	...	...
*	50·823	−58·514	1·90	46. 607	10·0
...	50·757	−35·983	− 1	...	...
...	50·612	+46·540	0·95	...	...
...	50·297	+29·855	− 5	M	...
*	−49·751	+44·274	1·80	45. 654	9·7
...	49·654	+ 1·605	− 4	...	...
...	49·181	−20·435	− 5	M	...
*	48·950	−12·079	1·05	46. 608	10·2
...	48·784	+31·746	0·70	...	...
41					
...	−48·381	−40·018	− 3	...	...
S*	48·221	− 9·320	3·00	46. 609	8·0
...	47·728	+45·806	− 5	M	...
...	47·256	+56·486	− 4	...	...
...	46·982	−13·813	0·75	...	...
...	−46·920	+ 8·880	− 1	...	...
...	46·909	−53·515	− 2	E	...
...	46·568	−36·101	0·70	...	...
†	46·452	−49·817	− 4	...	...
...	46·236	+45·951	− 4	M	...
51					
*	−46·108	+ 8·793	1·10	...	...
*	44·930	+ 8·561	1·00	45. 655	10·0
...	44·138	+ 5·900	− 5	M	...
...	44·023	+22·549	0·70	...	...
...	43·902	+16·541	− 4	M	...
*	−43·668	−57·683	1·60	46. 610	9·8
*	43·622	− 3·659	0·95	46. 611	10·2
...	43·372	+38·681	− 4	M	...
...	43·063	−45·345	− 4	M	...
S*	42·709	+35·151	1·80	45. 656	9·6
61					
...	−42·578	+11·655	0·65	A	...
...	42·514	−50·694	− 5	...	...
...	42·455	+18·928	− 5	M	...
...	42·455	− 5·970	− 5	M	...
...	42·371	−24·350	− 5	M	...
...	−42·310	+34·618	0·65	...	...
...	42·025	+42·603	0·65	...	...
...	41·984	−19·225	− 5	M	...
...	41·950	+19·766	− 5	M	...
...	41·881	− 5·155	− 1	A	...
71					
...	−41·875	−34·431	− 5	M	...
...	41·814	−16·811	− 5	M	...
...	41·504	+48·369	− 4	M	...
...	41·109	+ 6·322	0·70	...	...
...	40·859	−24·330	− 5	M	...
...	−40·830	−48·569	− 4	M	...
*	40·800	+51·646	1·00	...	...
...	40·420	+59·105	− 5	...	...
...	40·032	+38·060	0·65	...	...
*	39·524	+18·864	1·00	45. 657	10·2
81					
...	−39·326	+15·458	0·70	...	...
...	39·100	−33·349	− 3	...	...
...	38·931	+13·791	0·80	...	...
...	38·848	+18·215	− 5	M	...
*	38·052	−29·557	1·00	...	...
...	−38·041	− 1·490	0·90	...	...
*	38·026	+23·066	2·00	45. 658	9·0
...	37·952	− 1·305	0·80	...	...
...	37·754	+13·305	− 2	...	...
*	37·643	−16·452	1·00	...	...
91-150					
91					
...	−37·632	− 0·516	0·70	...	...
...	37·376	−42·207	− 5	M	...
...	37·246	−23·203	− 2	M	...
...	37·105	+32·961	− 5	M	...
...	36·758	−18·335	− 5	M	...
*	−36·286	+51·539	1·00	...	...
...	36·275	−45·224	0·65	A	...
...	36·074	+30·627	− 4	M	...
...	35·952	+50·099	− 5	M	...
...	35·786	+46·097	− 3	M	...
101					
...	−35·189	−24·680	− 4	M	...
...	34·761	−19·740	− 5	M	...
...	34·705	+58·759	− 3	...	...
...	34·550	−22·142	0·70	...	...
...	34·060	−28·304	− 5	M	...
...	−33·848	−29·954	− 4	M	...
...	33·809	−54·264	− 1	M	...
*	33·439	+38·650	0·95	...	...
*	33·048	−17·909	0·95	...	...
...	32·941	−39·500	− 4	M	...
111					
...	−32·229	−41·959	0·75	...	...
...	32·166	−17·284	− 5	M	...
*	31·847	−11·245	1·00	...	...
*	31·571	+52·527	1·30	45. 659	10·2
...	31·564	−20·739	0·70	...	...
...	−31·315	+34·347	0·65	...	...
*	31·224	+35·077	1·00	45. 660	10·2
S*	30·777	−34·067	1·50	46. 612	9·6
...	30·704	−16·332	− 5	M	...
...	30·496	+54·157	0·65	...	...
121					
...	−30·386	+26·232	− 5	M	...
*	30·225	+50·846	1·10	45. 661	10·2
...	30·221	+ 7·518	− 5	M	...
†	30·146	+44·456	− 4	M	...
†	30·145	+17·047	0·80	...	...
†	−30·133	+34·592	0·75	...	...
*	29·768	+45·580	0·95	...	...
...	29·458	+55·763	− 5	...	...
*	28·946	−12·677	1·35	46. 613	10·0
...	28·399	−30·091	0·70	...	...
131					
...	−28·249	−49·164	− 5	M	...
...	28·207	− 1·920	− 5	M	...
...	28·089	+ 3·266	− 5	M	...
...	27·644	+ 3·135	− 5	M	...
...	27·491	− 1·868	0·65	...	...
*	−26·944	+55·499	1·70	45. 662	9·7
...	26·917	− 2·467	− 4	M	...
...	25·822	+30·368	− 4	M	...
...	25·778	−27·960	− 4	M	...
...	25·699	+28·176	0·80	...	...
141					
...	−25·638	+36·448	− 3	...	...
...	25·569	−43·305	− 3	M	...
...	25·219	−15·229	− 3	M	...
...	25·197	+ 3·890	− 5	M	...
...	25·192	+19·637	− 4	...	...
†	−25·040	−25·904	− 5	M	...
...	24·899	+ 5·483	− 4	M	...
...	24·879	−33·990	− 5	M	...
...	24·810	+19·807	− 4	...	...
...	24·758	+12·536	− 4	M	...
151-210					
151					
...	−24·748	+59·782	− 4	...	...
...	24·726	−31·058	− 5	M	...
S*	24·588	+12·474	1·80	45. 663	9·0
...	24·162	−43·327	0·65	...	...
...	23·853	+58·273	0·65	...	...
...	−23·533	−24·341	− 1	...	...
*	23·407	− 7·093	1·15	46. 614	10·2
...	23·366	−18·370	0·75	...	...
...	22·774	+12·396	− 5	M	...
...	22·744	−33·575	− 4	M	...
161					
...	−22·529	+29·714	− 5	M	...
...	22·334	−15·797	− 3	M	...
...	21·786	+26·324	− 5	M	...
...	21·784	− 2·404	0·65	A	...
...	21·635	+25·539	− 2	...	...
...	−21·596	−11·110	− 5	M	...
...	21·507	−15·514	− 5	M	...
...	21·424	+37·701	− 3	...	...
...	21·303	+45·397	0·85	...	...
...	21·215	−26·328	− 3	M	...
171					
*	−21·087	+46·852	1·30	...	...
...	20·656	+25·735	− 5	M	...
*	20·632	− 1·364	1·40	46. 615	10·2
...	20·543	−37·277	− 3	M	...
...	20·169	−29·067	0·75	...	...
*	−19·632	+12·759	1·60	45. 664	9·6
*	19·499	+ 6·966	1·15	45. 665	10·2
...	19·426	+48·897	− 5	M	...
...	19·348	−20·798	− 4	M	...
...	19·332	+28·077	− 5	...	...
181					
...	−19·215	−43·604	− 1	M	...
...	19·150	+29·161	− 5	...	...
...	18·801	+57·488	− 5	...	...
...	18·619	+34·472	0·85	...	...
...	18·562	+17·662	− 3	...	...
...	−18·512	+ 5·417	− 1	...	...
...	18·339	−45·182	− 3	...	...
S*	17·871	−11·662	1·60	46. 616	9·6
...	17·230	−21·518	− 5	M	...
*	17·210	+40·125	1·50	45. 667	10·2
191					
*	−17·063	+12·764	1·80	45. 666	9·2
...	17·032	− 8·814	0·65	...	...
...	16·364	+32·047	− 5	M	...
...	15·872	+ 0·300	0·65	α	...
...	15·412	+59·002	− 1	...	...
...	−15·373	+40·041	− 5	M	...
*	15·262	+ 0·826	1·70	46. 617	9·6
...	15·225	+30·784	0·65	...	...
*	15·023	+ 7·086	1·15	45. 668	9·8
...	15·018	−39·234	0·65	...	...
201					
...	−14·988	+53·671	− 4	...	...
...	14·297	+ 7·453	0·70	...	...
...	13·635	+30·477	− 1	...	...
...	13·606	+32·033	0·70	...	...
*	12·939	+ 5·201	1·40	45. 669	9·6
*	−12·533	−30·645	1·10	46. 618	10·2
...	12·368	+26·291	− 5	M	...
...	12·265	−32·911	0·85	...	...
...	12·202	−48·784	− 1	M	...
...	11·844	+41·959	0·75	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·85.	C.P.D. No.	C.P.D. Mag.
211–270					
211					
...	−11′·769	+ 1′·406	− 5	°M	...
...	11·542	−15·755	0·70	A	...
*	11·336	−23·121	1·80	46. 619	9·6
...	11·299	−57·557	− 1	M	...
...	11·179	−23·490	0·90	...	...
...	−11·139	−51·348	− 5	M	...
...	10·835	+29·914	0·70	...	...
...	10·646	−29·000	− 5	M	...
...	10·570	− 9·305	− 4	M	...
*	10·558	+39·021	1·00	...	...
221					
...	−10·442	+51·836	0·65	...	...
...	10·410	+ 2·767	− 4	...	...
..	10·233	−31·091	0·65	...	...
...	9·946	+12·983	− 5	M	...
...	9·685	−55·342	− 5	M	...
*	− 9·443	+ 6·371	0·90	...	...
...	9·361	− 5·054	0·65	M	...
...	9·348	+16·657	− 4	M	...
...	8·573	−48·282	− 1	M	...
...	8·271	− 4·147	− 5	M	...
231					
...	− 8·270	+35·563	− 1	...	...
...	8·270	− 2·752	− 3	M	...
...	8·257	+ 6·235	0·70	...	...
...	8·164	−16·316	− 3	M	...
...	7·842	−53·698	− 5	M *m*	...
...	− 7·741	+45·243	− 5	M	...
...	7·683	−21·657	− 5	M *m*	...
...	7·616	+39·648	0·70	...	...
...	7·232	−59·582	0·95	...	...
*	6·666	−38·153	1·05	...	...
241					
...	− 6·622	+53·535	− 5	M *m*	...
*	6·503	− 1·221	1·05	...	...
...	6·355	+35·953	− 5	M *m*	...
*	5·935	− 0·646	1·70	46. 620	9·6
...	5·930	−11·371	− 5	M *m*	...
...	− 5·864	− 1·896	0·75	*m*	...
...	5·815	+35·966	− 5	M *m*	...
*	5·380	+13·221	1·00	...	...
...	5·354	−51·230	0·90	...	...
...	5·250	−40·197	0·65	A *m*	...
251					
†	− 5·196	−19·534	− 5	M *m*	...
...	5·082	+58·274	− 5	M	...
...	5·036	−15·593	0·85	...	...
...	4·813	+48·992	− 5	M *m*	...
...	4·711	−35·128	− 5	M *m*	...
...	− 4·589	+52·398	− 5	M	...
...	3·840	−11·523	0·80	*m*	...
...	3·634	+ 4·522	0·85	...	...
...	2·787	+13·131	0·65	...	...
*	2·600	−24·452	0·95	*m*	...
261					
*	− 2·521	+32·158	1·00	45. 670	10·2
...	2·462	+39·845	0·95	...	...
...	1·992	−50·264	− 5	M *m*	...
...	1·961	−26·891	− 5	M *m*	...
*	1·686	+48·287	1·00	...	...
...	− 1·603	+40·105	0·65	...	...
...	1·600	+27·120	− 5	M *m*	...
...	1·437	+10·233	− 5	M *m*	...
*	1·389	+31·829	1·00	...	...
...	1·370	−46·302	− 4	M *m*	...
271–330					
271					
*	− 1′·362	−55′·85	1·30	...	...
...	1·193	− 7·546	− 4	M *m*	...
...	1·154	+ 0·171	0·75	α *m*	...
...	1·004	+51·122	− 4	M	...
...	0·878	−44·901	− 5	M *m*	...
...	− 0·877	−34·822	0·70	M *m*	...
...	0·784	−50·981	− 1	M *m*	...
...	0·607	−40·406	− 5	M *m*	...
SN*	0·403	+43·156	3·00	45. 671	7·5
...	0·242	−25·194	− 5	M *m*	...
281					
...	− 0·087	+47·593	− 1	...	...
...	+ 0·292	− 2·691	− 5	M *m*	...
...	0·433	+32·001	− 5	...	...
...	0·748	+37·065	− 5	M *m*	...
...	0·926	−11·124	− 3	M *m*	...
*	+ 1·271	−18·967	1·45	46. 621	9·9
...	1·588	+29·886	− 4	...	...
...	1·652	+41·831	0·80	...	...
...	1·791	+58·025	− 2	...	...
...	2·163	−17·766	− 5	M *m*	...
291					
...	+ 2·356	+27·555	− 2	...	...
*	2·498	−29·012	1·05	...	...
*	2·751	+23·116	1·30	45. 672	10·2
...	2·776	−55·144	− 1	M	...
...	2·836	+24·033	− 4	...	...
*	+ 2·846	−13·190	1·15	46. 622	10·2
...	3·008	+23·013	− 5	M *m*	...
...	3·266	−17·509	− 5	M *m*	...
...	3·451	+ 4·332	− 5	M *m*	...
...	3·919	−56·776	0·90	...	...
301					
*	+ 4·066	−22·259	1·05	...	...
...	4·185	−19·040	0·65	M *a*	...
...	4·240	−10·029	− 1	M *m*	...
*	4·608	− 2·313	0·95	...	...
...	4·965	−23·964	− 3	M *m*	...
*	+ 5·327	+40·653	1·05	45. 673	10·2
...	5·471	−42·690	− 4	M *m*	...
...	5·673	−23·992	− 4	M *m*	...
...	6·037	−56·728	− 3	...	...
...	6·069	+17·773	0·70	...	...
311					
...	+ 6·141	−40·982	0·90	...	...
...	6·229	−34·640	− 3	M *m*	...
...	6·238	+ 9·682	0·85	...	...
...	6·254	−22·444	0·90	...	...
...	6·296	+57·561	− 5	...	...
...	+ 6·477	−21·932	0·80	...	...
...	6·612	−45·367	0·90	...	...
...	6·936	−25·604	− 3	M *m*	...
*	6·968	+54·316	1·35	...	...
...	6·968	−18·006	0·70	*m*	...
321					
...	+ 7·001	+ 3·310	− 5	M *m*	...
...	7·050	+35·702	− 5	...	...
...	7·438	−13·577	− 3	M *m*	...
...	7·542	+30·316	0·70	...	...
...	7·548	+41·755	0·90	...	...
...	+ 8·367	+47·143	− 4	...	...
...	8·426	−14·923	− 4	*m*	...
...	8·745	+46·373	− 5	*m*	...
...	8·809	+53·425	− 2	...	...
S*	8·850	+ 7·281	4·50	45. 674	6·5
331–390					
331					
‡	+ 9′·059	+20′·095	2·50	45. 675	8·4
...	9·146	+30·858	0·65	...	...
...	9·207	+ 5·211	0·80	...	...
...	9·233	−13·865	− 5	*m*	...
*	9·526	+12·918	2·00	45. 676	9·2
...	+10·192	−24·066	0·70	...	...
...	10·289	−58·818	− 5	*m*	...
...	11·113	−27·773	0·70	...	...
*	11·167	+24·732	1·05	...	...
...	11·214	+26·677	− 1	...	...
341					
...	+11·291	+44·410	− 2	...	...
...	11·431	−19·256	− 5	*m*	...
...	11·606	−33·098	− 5	*m*	...
*	11·637	+24·762	1·15	45. 677	10·2
...	11·884	+26·290	0·80	...	...
...	+12·043	+24·347	− 1	...	...
...	12·055	+45·339	− 5	*m*	...
...	12·817	−46·972	− 5	*m*	...
*	12·836	−16·768	1·10	46. 623	10·2
...	12·899	−21·850	− 5	*m*	...
351					
...	+13·099	+45·681	0·80	...	...
...	13·276	+53·828	0·75	...	...
...	13·785	−49·214	− 3	*m*	...
*	14·063	+52·599	1·00	45. 679	10·2
...	14·387	− 1·545	− 3	*m*	...
†	+14·408	+54·942	− 5	...	...
...	14·652	−39·270	− 5	*m*	...
...	14·955	+29·738	− 5	*m*	...
...	15·023	−17·255	− 5	*m*	...
...	15·093	− 2·203	0·65	*m*	...
361					
...	+15·390	− 2·064	− 3	*m*	...
...	15·434	−17·563	0·65	*b*	...
...	15·525	+21·240	0·90	...	...
...	15·530	+55·933	− 5	...	...
...	15·599	+16·288	0·65	...	...
*	+15·870	−48·810	1·20	46. 624	10·2
...	15·964	−28·357	0·65	*a*	...
*	16·095	+46·717	0·95	...	...
...	16·153	+17·421	0·75	...	...
...	16·207	− 4·790	−4	*m*	...
371					
...	+16·214	−50·858	1·00	...	...
...	16·272	+17·112	− 5	*m*	...
*	16·389	−46·577	1·00	...	...
S*	16·481	−15·215	1·90	46. 625	8·9
...	16·494	+14·070	0·65	...	...
...	+16·720	+17·320	− 2	...	...
...	17·396	−27·783	0·90	...	...
...	17·535	− 3·485	1·00	...	...
...	17·610	+52·060	− 5	*m*	...
*	17·634	−56·458	1·80	46. 626	10·2
381					
...	+17·959	−11·764	− 4	*m*	...
...	18·160	+ 1·733	− 5	...	...
...	18·393	+33·992	− 5	*m*	...
...	18·473	+15·362	− 1	...	...
...	18·816	−22·115	0·90	...	...
...	+18·882	+12·580	− 5	*m*	...
...	19·015	+ 7·000	0·65	...	...
...	19·036	−13·749	− 5	*m*	...
...	19·204	+30·520	0·85	...	...
...	19·363	+ 0·825	− 5	*m*	...

279. Remeasure 1914, $y = +43''·173$.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·85.	C.P.D. No.	C.P.D. Mag.
391-450					
391					
...	+19·373	+57·821	− 4	...	...
...	19·419	− 1·888	− 5	*m*	...
*	19·460	+54·087	1·05	...	...
...	19·858	−18·938	− 5	*m*	...
*	19·891	−20·205	2·40	46. 627	8·8
...	+19·972	+ 6·724	0·90	...	...
*	19·974	−21·047	2·10	46. 628	8·9
*	20·129	−27·143	1·10	46. 629	10·2
*	20·260	+32·979	1·50	45. 680	9·9
...	20·381	−23·136	− 5	*m*	...
401					
...	+20·785	+54·043	0·95	...	...
...	20·819	− 1·489	− 2	*m*	...
...	20·836	+17·294	− 5	*m*	...
...	21·309	+46·417	0·65	...	...
...	21·343	+41·386	− 5	*m*	...
*	+21·994	−25·598	1·00	...	...
...	22·019	+59·424	− 5	*m*	...
...	22·244	+ 1·402	− 5	*m*	...
...	22·335	+29·365	− 5	*m*	...
...	22·382	+23·203	− 5	*m*	...
411					
S *	+22·793	+50·295	1·80	45. 681	9·6
...	22·846	−34·444	− 5	*m*	...
...	22·937	+40·774	0·80	...	...
...	23·106	+25·511	− 5	*m*	...
...	23·401	−23·492	0·65	*b*	...
...	+23·669	+ 0·609	0·85	...	...
*	23·691	+23·338	1·50	45. 682	10·0
...	23·892	−35·601	− 5	*m*	...
...	23·943	−11·866	− 5	*m*	...
...	24·400	−47·236	− 3	*m*	...
421					
*	+24·563	+ 3·995	1·05	...	...
...	24·715	−52·521	− 5	*m*	...
...	24·908	−19·216	− 4	*m*	...
...	24·947	+50·671	− 5	*m*	...
*	24·972	−26·012	1·00	...	...
...	+25·091	+20·577	0·80	...	...
...	25·151	−30·777	0·90	...	...
†	25·693	−39·712	− 3	*m*	...
*	25·730	+24·681	0·90	...	...
*	25·865	−27·553	0·95	...	...
431					
...	+26·022	−46·801	− 4	*m*	...
...	26·252	−22·224	− 5	*m*	...
...	26·457	−56·505	− 1	...	...
...	26·515	−34·492	− 5	*m*	...
...	26·566	−18·409	− 5	*m*	...
...	+26·690	−24·676	0·65	*b*	...
...	26·745	+35·215	− 5	*m*	...
...	26·870	−37·065	− 4	*m*	...
...	27·125	−47·944	− 1	...	...
...	27·472	− 3·736	− 5	*m*	...
441					
...	+27·511	+27·853	0·80	...	...
...	28·365	−55·461	0·80	...	...
...	28·617	− 9·199	− 5	*m*	...
...	28·647	+48·267	− 5	*m*	...
*	28·721	−13·877	1·00	...	...
†	+28·758	−39·730	− 5	*m*	...
...	28·765	−54·983	− 4	*m*	...
...	29·090	−30·698	− 5	*m*	...
*	29·202	+20·816	1·00	...	...
...	29·296	+40·748	0·80	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·85.	C.P.D. No.	C.P.D. Mag.
451-510					
451					
...	+29·315	−26·414	− 5	*m*	...
...	29·366	−28·331	0·70	...	...
...	29·388	+56·817	− 5	*m*	...
...	29·532	− 1·924	− 4	*m*	...
...	29·813	+55·751	− 2	...	...
...	+29·890	+11·110	− 5	*m*	...
...	29·899	−24·700	− 4	*m*	...
...	30·682	+ 4·577	− 5	*m*	...
*	30·832	−49·195	0·95	...	...
...	30·948	+ 8·132	0·90	...	...
461					
...	+31·164	+18·849	− 2	...	...
...	31·537	−30·355	0·80	...	...
*	31·651	− 3·494	1·60	46. 630	9·8
...	32·127	+ 4·520	− 2	...	...
...	32·410	−46·414	− 5	*m*	...
†	+32·891	−44·704	0·90	...	...
...	32·894	−54·648	0·65	...	...
...	33·019	−28·716	− 3	*m*	...
...	33·505	− 3·917	− 2	*m*	...
*	33·538	−11·189	0·90	...	...
471					
...	+33·579	+31·923	− 5	*m*	...
...	33·590	−41·835	0·90	...	...
...	33·842	− 2·797	0·75	...	...
*	34·275	−40·375	1·00	...	...
†	34·316	−34·735	− 1	...	...
...	+34·328	+52·765	0·75	...	...
...	34·335	− 2·663	0·75	...	...
...	34·535	+34·913	0·75	...	...
...	35·528	+23·156	0·70	...	...
...	35·583	−20·890	− 5	*m*	...
481					
...	+36·082	+50·323	− 5	...	...
...	36·102	−26·387	− 5	*m*	...
...	36·290	−31·305	− 5	*m*	...
...	36·301	+30·198	0·65	...	...
...	36·577	−26·144	− 5	*m*	...
*	+36·620	+12·912	1·50	45. 683	10·0
...	36·963	+19·166	0·65	...	...
...	37·036	+ 9·341	− 5	...	...
...	37·070	−49·585	− 5	*m*	...
...	37·649	−54·435	0·65	...	...
491					
...	+37·888	+26·548	0·85	...	...
S *	37·947	−38·253	4·10	46. 631	7·1
...	37·955	− 9·771	− 5	*m*	...
...	38·013	−27·672	− 1	...	...
*	38·089	+11·337	1·45	45. 684	9·9
...	+38·191	−43·779	0·65	...	...
...	38·447	+ 8·914	− 5	*m*	...
...	38·593	+33·279	− 4	*m*	...
...	38·594	+37·113	− 4	...	...
...	38·738	+ 0·664	− 5	*m*	...
501					
...	+39·349	+14·189	− 1	...	...
...	39·521	−13·243	− 5	*m*	...
...	39·589	−53·794	0·80	...	...
...	40·311	−34·487	− 4	*m*	...
...	40·323	+30·855	0·65	...	...
...	+40·413	+28·112	− 3	...	...
...	40·425	+26·005	− 5	*m*	...
...	40·439	+19·242	− 4	...	...
*	40·682	+26·429	1·10	...	...
*	40·816	+13·737	1·70	45. 686	9·8

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·85.	C.P.D. No.	C.P.D. Mag.
511-570					
511					
*	+40·821	+34·829	2·80	45. 685	8·2
†	40·837	−39·719	− 4	*m*	...
†	40·858	+10·113	− 5	...	...
...	40·965	− 4·191	0·65	*m*	...
...	41·044	+54·505	0·95	...	...
...	+41·151	+15·431	− 4	...	...
...	41·174	−52·502	0·65	...	...
...	41·198	−55·851	0·75	...	...
*	41·403	+11·371	1·10	...	...
...	41·622	+45·087	− 4	...	...
521					
...	+41·720	−57·738	0·80	...	...
...	41·934	−21·502	− 5	*m*	...
...	42·145	−49·246	− 5	*m*	...
...	42·410	− 4·530	0·65	...	...
...	42·515	+29·540	− 4	*m*	...
...	+42·678	+22·379	− 5	*m*	...
*	42·691	+32·153	1·60	45. 687	9·6
S *	43·052	+18·564	3·00	45. 688	7·7
...	43·126	+22·182	− 5	*m*	...
...	43·345	−45·086	− 1	...	...
531					
...	+43·460	−25·882	− 1	*m*	...
N	43·577	+14·562	− 3	...	...
...	43·753	+10·382	− 5	...	...
*	44·072	−28·729	1·20	46. 632	10·2
...	44·268	+37·740	− 5	*m*	...
...	+44·437	−58·436	0·85	...	...
...	44·774	+30·954	− 4	...	...
...	45·187	−53·458	0·95	...	...
*	45·389	−20·558	1·00	...	...
*	45·451	−48·394	1·00	...	...
541					
...	+45·464	−33·266	− 4	*e*	...
...	45·870	+39·939	0·90	...	...
...	46·167	−28·742	− 5	*e*	...
...	46·631	−20·316	0·75	...	...
*	46·708	−51·676	1·60	46. 633	10·2
...	+47·016	−24·189	0·80	...	...
*	47·086	+33·082	1·00	...	...
*	47·115	+42·938	1·10	...	...
...	47·142	−22·415	0·65	*e*	...
...	47·261	− 0·115	− 5	*m*	...
551					
...	+47·442	−23·961	− 4	*e*	...
...	47·449	−39·376	− 1	*e*	...
...	47·516	+36·898	− 5	*e*	...
...	47·727	− 8·519	− 5	*e*	...
*	48·613	+42·829	1·90	45. 689	9·7
...	+48·831	+54·519	1·10	...	...
...	48·930	− 1·615	0·70	*e*	...
...	49·253	−51·105	− 5	*e*	...
†	49·707	+18·071	− 5	...	...
*	49·783	+ 0·829	1·00	...	...
561					
...	+49·821	−55·299	− 5	*e*	...
*	49·875	−36·943	0·95	...	...
*	49·891	−59·429	1·50	46. 635	10·2
‡	50·251	−34·784	1·20	46. 634	10·2
...	50·441	−40·522	− 5	*e*	...
*	+50·491	−43·152	1·10	...	...
...	50·765	+20·224	− 5	...	...
...	50·913	− 3·565	− 5	*e*	...
*	50·919	+57·429	2·00	45. 690	9·4
...	51·146	+49·136	− 5	...	...

532. Obscured by fault ; 2nd image measured and corrected.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·85.	C.P.D. No.	C.P.D. Mag.
571-590					
571				°	
...	+51′·448	+14′·478	− 5	...	...
...	51·664	−44·012	− 2	*e*	...
†	51·951	+30·042	− 5	...	...
...	52·385	+26·008	− 3	...	...
...	52·483	−27·646	− 5	*e*	...
...	+52·803	+ 2·094	− 1	...	...
...	52·811	+29·972	0·65	...	...
...	52·853	+36·824	− 4	...	...
...	53·143	−17·081	0·90	...	...
...	53·678	+27·361	− 5	...	...
581					
...	+53·707	−20·638	− 5	*e*	...
...	53·763	+ 0·489	0·90	...	...
*	53·781	−26·253	1·00	...	...
...	53·848	−38·220	− 5	*m*	...
...	54·002	−59·151	0·85	...	...
...	+54·233	−38·973	− 1	...	...
...	54·309	+28·206	− 5	*e*	...
...	54·324	+27·399	− 5	*e*	...
...	54·731	+24·899	− 1	...	...
...	55·012	+ 7·238	− 5	*m*	...
591-606					
591				°	
...	+55′·053	+33′·669	0·70	...	...
...	55·079	−32·172	− 1	*e*	...
...	55·261	−48·135	− 5	*m*	...
...	55·346	−10·663	0·70	...	...
...	56·226	−34·440	− 4	*e*	...
...	+56·517	+28·374	− 5	*e*	...
...	56·933	− 6·359	0·75	...	...
...	57·464	+39·486	− 5	...	...
...	57·471	+ 8·096	− 5	...	...
...	57·535	−30·413	0·70	*e*	...
601					
*	+57·844	−12·618	1·10	46. 636	10·2
...	58·308	− 7·549	− 4	*e*	...
...	58·510	−44·634	− 4	*e*	...
...	58·758	+31·949	− 1	...	...
...	58·962	+ 2·361	− 5	*m*	...
...	+59·223	+35·128	0·90	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. ...	C.P.D. No.	C.P.D. Mag.

1-30					
1				°M	
...	−59′·768	+12′·620	− 5		...
*	59·617	+39·716	0·95	...	...
...	59·465	−45·322	− 3	...	...
...	59·312	− 6·537	− 5	M	...
*	59·256	−28·960	1·30	46. 632	10·2
*	−58·456	+42·756	1·40	...	...
*	58·206	−20·763	1·00	...	...
*	58·186	+32·908	1·00	...	...
...	57·968	−58·677	0·85	...	...
...	57·885	+36·724	− 5	E	...
11					
...	−57·741	−33·483	− 5	E	...
...	57·366	−53·670	0·65	...	...
...	57·239	−48·585	0·90	...	...
...	57·174	−28·936	− 5	E	...
*	57·116	+54·383	1·05	...	...
*	−56·959	+42·694	1·80	45. 689	9·7
...	56·955	−20·477	0·85	...	...
...	56·588	+50·364	− 5	M	...
...	56·457	−24·329	0·90	...	...
...	56·377	−22·545	0·65	E	...
21					
...	−56·249	− 8·653	− 5	E	...
...	56·010	−24·090	− 4	E	...
*	55·898	−51·820	1·80	46. 633	10·2
...	55·536	−39·533	− 1	E	...
...	55·241	− 1·720	0·65	E	...
*	−55·105	+57·348	2·10	45. 690	9·4
...	55·088	+17·973	0·65	...	...
...	54·635	+49·071	− 4	...	...
*	54·476	+ 0·752	1·05	...	...
...	54·094	+20·152	− 5	...	...
31-60					
31				°E	
...	−53′·374	−51′·164	− 4		...
...	53·246	+30·021	− 5	...	...
...	53·225	+14·449	− 5	...	...
...	53·193	− 3·591	− 5	E	...
*	53·177	−37·000	1·00	...	...
...	−53·007	−57·915	− 5	M	...
...	52·980	−47·061	− 5	M	...
*	52·884	−34·815	1·50	46. 634	10·2
...	52·662	−55·358	− 4	E	...
...	52·661	+26·001	− 4	...	...
41					
...	−52·520	+36·835	0·70	...	...
...	52·504	−40·545	− 5	E	...
...	52·476	−59·476	1·60	46. 635	10·2
†	52·376	+29·964	0·70	...	...
*	52·372	−43·194	1·10	...	...
...	−51·756	+53·062	− 5	...	...
...	51·511	+ 2·100	− 3	...	...
...	51·397	+27·420	− 5	...	...
...	51·175	−44·007	0·70	E	...
...	50·868	−27·608	− 5	E	...
51					
...	−50·825	+28·268	− 4	E	...
...	50·779	+27·440	− 5	E	...
...	50·555	−17·052	0·85	...	...
...	50·490	+ 0·536	0·90	...	...
†	50·287	+24·957	− 1	...	...
...	−50·220	+33·762	1·00	...	...
...	49·907	−20·578	− 5	E	...
...	49·643	−26·180	0·90	...	...
...	48·783	−38·870	− 1	...	...
...	48·588	+28·470	− 5	E	...
61-90					
61				°	
...	−48′·544	−10′·555	0·75	...	...
...	48·372	−59·051	0·85	...	...
...	48·142	−32·057	− 2	E	...
...	48·016	+39·605	− 5	...	...
...	47·111	− 6·208	− 2	...	...
...	−47·009	+ 8·258	− 5	...	...
...	46·933	−34·291	− 3	E	...
...	46·489	+32·150	0·80	...	...
*	46·133	+35·318	0·95	...	...
*	45·985	−12·431	1·50	46. 636	10·2
71					
...	−45·799	+50·165	− 5	M	...
...	45·741	−30·233	− 1	E	...
...	45·712	− 7·354	3	E	...
†	44·889	+49·379	− 5	...	...
...	44·349	−44·418	− 3	E	...
...	−44·247	+ 1·342	− 5	M	...
...	44·178	+40·718	0·70	...	...
...	43·960	+ 1·999	− 5	...	...
...	43·913	+ 1·114	− 5	M	...
...	43·760	− 6·135	− 5	M	...
81					
*	−43·232	+ 3·244	1·00	...	...
*	43·231	+ 7·718	1·15	45. 691	10·2
...	42·650	−39·385	− 3	...	...
...	42·511	+ 9·601	− 5	M	...
...	42·302	−59·368	− 5	M	...
...	−42·203	+ 1·799	0·65	...	...
...	41·957	+ 0·445	− 4	...	...
*	41·931	+ 9·347	1·20	45. 692	10·2
...	41·842	+48·542	1·00	...	...
*	41·312	+29·073	1·70	45. 693	10·0

NM measured from 1, 98, 197, 291, 392, 496.
ES ,, ,, 57, 157, 243, 350, 453, 541.

Images diffused and difficult to measure.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·95.	C.P.D. No.	C.P.D. Mag.
91-150					
91					
...	−41′·020	+21′·245	0·80	° ...	...
...	40·619	−55·956	0·90	...	...
*	40·525	+53·375	1·10	45. 694	10·2
...	40·251	−46·822	− 5	M	...
*	40·057	− 7·284	1·20	46. 639	10·2
S ‡	−40·017	−21·035	3·60	46. 637	7·3
‡	40·006	+51·476	0·90	...	...
†	39·908	+14·927	− 4	...	...
*	39·899	−35·236	1·00	...	...
*	39·883	−10·774	1·60	46. 640	10·0
101					
*	−39·774	−46·894	1·80	46. 638	10·2
...	39·608	+25·701	− 5	M	...
*	39·419	−47·862	1·40	46. 641	10·2
...	39·236	− 0·769	− 5	M	...
*	39·205	− 1·909	2·20	46. 642	9·7
...	−38·998	+ 9·865	0·70	...	...
*	38·982	+30·119	1·05	45. 695	10·2
...	38·874	+11·095	− 5	M	...
...	38·855	−53·810	− 5	M	...
...	38·287	+57·791	− 5	...	...
111					
...	−38·277	+32·701	− 3	...	...
...	38·134	+21·431	− 5	...	...
*	38·071	+55·016	1·40	45. 696	10·2
...	38·068	−36·956	− 1	M	...
...	37·916	−16·324	0·80	...	...
...	−37·913	+18·939	− 2	...	...
...	37·777	+35·108	− 5	M	...
...	37·382	+44·632	0·80	...	...
...	37·007	+ 3·620	− 5	M	...
...	36·330	+53·114	− 5	...	...
121					
*	−36·192	+31·712	1·60	45. 697	10·0
...	36·181	−31·853	− 5	M	...
*	36·077	+48·042	1·90	45. 698	10·0
...	35·799	−20·234	0·75	...	...
...	35·504	−27·433	− 5	M	...
...	−35·297	−17·555	0·85	...	...
...	35·239	+33·325	0·85	...	...
...	35·146	+ 6·076	0·65	...	...
†	35·051	+ 0·517	− 4	M	...
...	34·738	+55·287	− 4	...	...
131					
*	−33·685	+11·323	1·00	45. 699	10·2
...	33·634	+20·465	0·75	...	...
...	33·617	−38·487	− 4	M	...
...	33·258	+40·461	− 5	...	...
...	33·148	+ 7·176	− 4	M	...
...	−33·130	−24·447	− 5	M	...
...	33·068	+11·083	− 5	...	...
...	33·054	−46·082	− 5	M	...
...	33·049	−53·807	− 5	M	...
...	32·361	− 1·333	0·85	...	...
141					
*	−32·220	−16·630	0·90	...	...
*	32·092	+34·228	1·60	45. 700	9·9
*	31·855	+46·224	1·00	...	...
...	31·761	−11·593	− 5	M	...
*	31·639	−55·234	1·15	...	...
*	−31·447	−25·137	1·20	46. 643	10·0
...	31·286	+41·416	− 2	...	...
...	31·233	+27·791	− 5	...	...
...	31·219	−18·775	− 5	M	...
...	31·131	−37·840	1·00	...	...
151-210					
151					
*	−31′·077	+37′·064	1·60	° 45. 701	10·2
*	31·029	−51·251	1·40	46. 644	10·2
...	30·753	+58·090	0·65	...	...
...	30·642	+33·546	0·90	...	...
...	30·261	+12·101	− 4	...	...
...	−30·156	+ 1·271	− 5	M	...
†	29·961	+36·244	− 5	...	...
*	29·547	−31·957	1·90	46. 645	9·8
...	29·351	− 6·058	− 5	M	...
...	29·345	+ 1·095	0·65	...	...
161					
*	−29·027	− 7·220	1·60	46. 646	10·1
*	27·865	−28·130	1·25	46. 647	10·4
...	27·768	−32·502	− 5	M	...
...	27·686	+15·191	0·65	...	...
...	27·201	+51·416	− 5	...	...
...	−27·020	−10·654	− 3	M	...
*	26·856	+50·579	1·20	...	...
...	26·567	+16·181	0·65	...	...
*	26·441	+19·727	1·30	45. 702	10·2
...	26·385	−28·392	− 5	M	...
171					
...	−26·304	+49·998	− 5	...	...
...	25·702	+32·960	− 1	...	...
...	25·651	−17·359	− 5	M	...
...	25·545	−16·846	− 5	M	...
...	25·504	− 0·270	− 5	M	...
...	−25·188	+11·344	− 5	...	...
*	25·094	+52·848	1·15	...	...
*	24·795	+48·088	2·10	45. 703	9·6
...	24·703	+27·255	− 5	...	...
...	24·486	−57·939	0·65	...	...
181					
...	−24·121	+52·460	0·65	...	...
...	24·105	−17·759	− 2	...	...
...	24·080	+ 6·266	− 5	...	...
...	23·558	+45·651	0·65	...	...
...	22·865	+42·975	− 5	...	...
...	−22·731	−23·515	− 5	M	...
...	22·433	+10·729	− 3	...	...
...	22·219	−44·012	− 2	...	...
...	21·726	−28·267	− 5	M	...
*	20·910	−16·422	1·00	...	...
191					
...	−20·702	+27·724	− 5	...	...
S *	20·465	+13·742	2·10	45. 704	9·6
...	20·392	−36·162	0·85	...	...
...	20·248	−42·722	− 3	M	...
S *	20·231	−53·504	2·80	46. 648	8·6
...	−20·222	−37·841	− 2	...	...
...	19·766	−39·642	− 5	M	...
...	19·751	+57·275	− 4	...	...
...	19·611	+ 3·766	− 3	...	...
...	19·511	+53·326	− 5	...	...
201					
*	−19·405	−51·373	1·30	46. 649	10·4
...	19·195	+17·755	− 4	...	...
...	18·724	− 6·123	− 3	M	...
*	18·164	−46·659	1·05	...	...
...	17·933	+56·979	− 5	M	...
...	−17·900	−54·380	− 5	M	...
*	17·519	+17·189	1·10	45. 705	10·4
...	17·315	−39·567	0·70	...	...
*	16·572	−38·190	1·15	46. 650	10·4
...	16·324	+26·514	− 5	M	...
211-270					
211					
...	−16′·206	−44′·371	0·65	° ...	...
*	16·043	−22·252	2·20	46. 651	9·1
...	15·885	−20·227	− 5	M	...
...	15·468	+18·079	− 5	...	...
...	14·598	−50·599	− 4	M	...
*	−14·573	+ 7·421	1·00	...	...
...	14·482	+ 4·655	− 5	M	...
...	14·058	+18·401	− 5	M	...
...	13·998	−43·414	− 5	M	...
*	13·820	−15·601	1·15	...	...
221					
*	−13·334	−39·148	1·10	...	...
...	13·306	−17·859	− 1	M	...
...	13·252	+53·996	− 5	M	...
...	13·150	−16·180	− 5	M	...
*	13·113	+25·855	1·00	...	...
...	−13·012	−32·572	− 1	...	...
...	12·874	+ 3·007	− 5	...	...
*	12·654	+58·386	1·15	...	...
*	12·492	+50·748	0·95	...	...
...	12·477	−31·670	0·80	...	...
231					
...	−12·403	+51·218	− 5	M	...
...	12·387	−25·331	0·70	...	...
...	12·255	−26·694	− 4	M	...
...	12·228	−21·655	− 2	M	...
...	12·027	+48·222	− 4	...	...
...	−11·461	+48·905	− 5	...	...
...	11·438	+54·634	− 4	...	...
...	10·651	+42·622	− 5	M	...
...	10·647	−44·437	− 5	M	...
...	10·589	+46·731	− 4	...	...
241					
...	−10·286	+26·376	− 4	...	...
‡	10·125	−57·164	1·40	46. 652	10·4
*	9·903	+34·266	2·10	45. 706	9·2
...	9·374	+21·917	− 5	M	...
...	8·924	−30·760	− 5	M	...
...	− 8·168	−39·637	− 4	M	...
...	7·422	+32·251	− 5	*m*	...
...	7·246	+21·484	− 3	*m*	...
...	7·105	+42·842	− 4	...	...
...	6·844	−57·104	− 5	M	...
251					
...	− 6·803	− 1·000	0·65	M	...
...	6·795	+30·904	− 2	...	...
...	6·739	−19·810	− 5	M *m*	...
...	6·652	−26·966	− 5	M	...
...	6·299	+ 7·970	− 5	*m*	...
...	− 6·272	−17·358	− 5	M	...
...	5·860	−58·553	− 4	...	...
...	5·500	+52·506	− 5	*m*	...
*	5·403	+33·007	2·50	45. 707	9·0
*	5·220	−33·885	0·95	...	...
261					
†	− 5·178	−43·737	− 5	M	...
‡	4·858	−54·895	1·60	46. 653	10·1
*	4·643	+53·775	1·80	45. 708	10·4
†	4·322	−19·966	0·85	...	...
...	4·182	−21·328	− 4	M	...
...	− 3·972	+ 6·086	− 5	M *m*	...
...	3·881	−17·938	− 5	M	...
...	3·826	+20·855	0·65	...	...
*	3·695	+44·265	0·95	...	...
*	3·643	+43·377	1·10	45. 709	10·4

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·95	C.P.D. No.	C.P.D. Mag.
271-330					
271					
...	− 3·521	−42·307	− 3	M	...
*	3·445	−11·212	1·20	46. 654	10·4
...	3·389	−30·409	0·70	...	...
...	3·260	+25·301	− 5	*m*	...
*	3·163	+44·796	1·10	45. 710	10·4
...	− 3·137	+49·460	− 5	...	...
...	3·043	+40·836	− 4	M *m*	...
...	2·825	−18·539	− 1	...	...
*	2·707	−43·762	1·70	46. 655	9·8
*	2·264	+59·525	1·90	45. 711	9·8
281					
...	− 2·210	+41·401	− 4	*m*	...
...	2·139	+55·443	− 4	*m*	...
...	1·993	+18·077	− 4	M *m*	...
...	1·799	−16·343	− 3	M	...
...	1·500	+56·681	− 5	*m*	...
...	− 1·452	+55·752	− 4	*m*	...
...	1·003	− 8·652	0·65	...	...
...	0·879	+12·805	0·75	...	...
...	0·658	+39·797	− 5	*m*	...
...	− 0·347	+ 3·185	− 5	M *m*	...
291					
...	+ 0·101	−37·442	0·65	...	...
S *	0·113	+40·716	4·00	45. 712	8·0
...	0·264	+29·680	0·70	*m*	...
*	0·707	+55·932	1·15	45. 713	10·4
...	0·732	+28·669	− 4	M *m*	...
...	+ 0·737	−49·153	0·80	...	...
*	0·792	+29·249	1·00	...	...
*	1·002	−43·186	1·05	...	...
...	1·344	−30·200	− 1	M	...
...	1·362	+53·596	− 2	*m*	...
301					
...	+ 1·508	−30·462	− 4	M	...
...	1·595	−50·023	− 5	M	...
...	2·069	+ 3·470	− 3	*m*	...
...	2·117	−48·480	− 5	M	...
...	2·367	+46·829	− 5	*m*	...
...	+ 2·388	+ 0·550	− 4	M *m*	...
*	2·736	−46·423	2·40	46. 656	9·1
...	2·883	−52·894	− 1	M	...
*	3·330	+53·731	1·10	...	...
...	3·337	+26·107	− 4	M *m*	...
311					
*	+ 3·339	+11·639	1·50	45. 714	10·2
...	3·395	+54·005	0·90	...	...
...	3·427	+22·529	− 1	*m*	...
...	3·429	+53·616	− 5	*m*	...
...	4·301	−27·571	− 1	M *m*	...
†	+ 4·301	−39·865	0·75	...	...
*	4·314	+ 9·247	2·00	45. 715	9·6
...	4·428	+45·980	− 5	M *m*	...
...	5·113	−18·647	− 4	M	...
...	5·225	+37·180	− 5	*m*	...
321					
...	+ 5·381	+17·888	− 4	...	...
...	5·441	−38·389	− 5	M *m*	...
*	5·467	+16·312	1·90	45. 716	9·8
...	5·699	+49·966	− 5	M *m*	...
*	5·800	+ 8·290	1·00	...	...
*	+ 5·882	+33·555	1·10	45. 717	10·2
...	6·164	+29·453	− 3	...	...
...	6·467	−38·078	− 5	M	...
...	6·491	−59·324	− 5	M	...
...	6·549	+35·734	0·90	...	...
331-390					
331					
‡	+ 6·597	− 9·991	1·05	...	...
...	6·688	− 9·556	− 5	M *m*	...
S *	6·737	+26·525	3·10	45. 718	8·4
*	6·887	+27·298	1·00	...	...
...	7·215	− 2·291	− 5	M *m*	...
...	+ 7·221	−20·297	− 4	M	...
...	7·545	+ 1·358	− 5	*m*	...
...	7·658	+30·160	− 5	*m*	...
...	7·663	−50·561	1·00	...	...
*	8·587	+32·571	1·00	...	...
341					
*	+ 8·842	+20·935	1·30	45. 719	10·0
...	8·958	−21·809	− 5	*m*	...
...	8·986	−53·167	0·90	...	...
*	9·211	+46·597	1·05	...	...
...	9·266	−59·542	0·85	...	...
...	+ 9·450	+ 1·946	− 5	*m*	...
*	9·604	+17·366	3·20	45. 720	9·0
†	9·804	−35·950	− 5	...	...
‡	9·833	−47·082	1·10	46. 657	10·4
...	10·061	+11·124	− 1	*a*	...
351					
*	+10·211	−56·369	1·80	46. 658	9·8
...	10·583	+21·083	0·85	...	...
...	10·919	−16·994	0·95	...	...
*	11·010	+ 3·727	2·20	45. 721	9·4
...	11·095	+ 4·726	− 5	*m*	...
...	+11·297	−35·761	1·05	...	...
...	11·541	−15·632	− 5	...	...
...	11·698	−10·622	− 5	...	...
...	11·853	+22·516	0·90	...	...
...	11·908	+46·353	− 5	*m*	...
361					
...	+12·045	+14·762	0·70	...	...
*	12·180	−24·797	1·00	...	...
...	12·321	−38·862	− 5	...	...
...	12·371	−25·129	0·75	...	...
*	12·455	−43·335	1·40	46. 659	10·4
...	+12·847	−21·190	− 5	...	...
...	13·168	−55·825	− 2	...	...
...	13·229	+32·283	− 3	*m*	...
*	13·256	+20·515	1·00	...	...
...	13·533	−56·293	− 3	...	...
371					
*	+13·822	+58·646	0·90	...	...
...	13·957	+49·102	0·90	...	...
...	14·320	−56·008	− 5	*m*	...
...	14·481	−19·292	0·85	...	...
*	14·503	+57·951	1·10	45. 722	10·4
...	+14·532	−34·346	− 3	...	...
*	14·749	−42·179	1·40	46. 660	10·4
...	14·789	+31·579	− 2	*a*	...
...	15·148	−51·067	− 2	...	...
...	15·574	+23·721	− 5	*m*	...
381					
...	+16·231	−49·973	0·65	...	...
...	16·471	−28·326	0·75	...	...
...	16·771	− 1·124	− 4	...	...
...	16·956	−26·509	− 5	...	...
*	17·075	−26·313	0·95	...	...
...	+17·298	+30·172	− 5	*m*	...
S *	17·313	−39·653	2·60	46. 661	9·0
...	17·483	−24·490	− 5	...	...
...	17·717	−15·972	− 1	...	...
...	17·766	−26·014	− 4	...	...
391-450					
391					
...	+19·735	−24·086	0·90	...	...
†	19·924	+41·499	0·85	...	...
...	20·050	+58·098	− 5	*m*	...
...	20·269	−26·210	− 5	...	...
...	20·349	+38·941	− 5	*m*	...
...	+20·528	−54·287	− 5	*m*	...
...	20·756	+17·213	− 5	*m*	...
...	20·942	−31·322	0·70	...	...
...	20·976	−28·672	− 5	*m*	...
...	21·170	+51·174	0·70	*a*	...
401					
...	+21·443	+32·055	− 5	*m*	...
...	21·510	+11·609	0·70	...	...
...	21·836	−32·574	− 5	...	...
...	21·868	+26·901	− 3	*m*	...
*	21·979	−26·595	1·10	46. 662	10·4
...	+22·024	+38·873	− 5	*m*	...
*	22·151	+45·731	1·90	45. 723	9·8
...	22·246	− 5·716	0·70	...	...
...	22·301	−39·679	− 4	...	...
...	22·712	−20·565	0·90	...	...
411					
...	+22·802	−56·007	− 5	...	...
*	22·898	+ 5·377	1·00	...	...
...	22·920	+28·164	− 3	*m*	...
*	22·936	−34·090	0·95	...	...
...	23·142	−18·399	0·80	...	...
...	+23·876	−43·006	− 5	...	...
...	24·054	−19·810	− 5	...	...
...	24·166	+21·232	0·80	...	...
...	24·442	+44·054	0·75	*a*	...
†	24·741	−26·961	0·70	...	...
421					
...	+25·026	−38·716	− 5	*m*	...
...	25·217	− 7·108	− 1	...	...
...	25·433	+39·011	− 4	*m*	...
...	25·592	+26·450	− 3	*m*	...
...	25·848	+57·440	− 5	*m*	...
...	+26·057	+43·062	− 4	*m*	...
*	26·061	−12·367	1·15	46. 663	10·4
*	26·139	+24·307	2·80	45. 724	9·0
...	26·263	+15·192	− 5	*m*	...
...	26·306	− 3·003	− 4	*m*	...
431					
...	+26·378	−41·604	− 5	*m*	...
S ‡	26·543	+10·006	3·30	45. 725	8·3
...	26·588	+58·547	− 5	*m*	...
...	26·736	+15·048	− 4	*m*	...
...	26·760	−47·758	− 5	*m*	...
...	+27·021	+35·716	− 4	*m*	...
...	27·299	+51·428	− 5	*m*	...
...	27·490	+48·241	− 3	*m*	...
...	27·675	− 1·736	0·70	...	...
*	28·069	−29·023	1·20	46. 664	10·4
441					
*	+28·264	+40·667	1·00	...	...
...	28·336	− 0·580	0·90	...	...
...	28·537	− 7·356	1·00	...	...
...	28·584	+42·385	− 5	*m*	...
...	28·651	+54·705	− 3	*m*	...
...	+28·751	−38·563	0·90	...	...
...	28·773	+18·224	− 5	*m*	...
...	28·914	+53·780	0·75	...	...
...	28·981	−17·940	0·90	...	...
...	29·352	+ 6·143	− 4	*m*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·95.	C.P.D. No.	C.P.D. Mag.
451–500					
451				°	
...	+29·558	−53·246	− 4	...	...
...	29·671	− 5·636	− 4	...	...
†	29·872	−12·895	− 5	*m*	...
...	30·046	+50·963	0·70	*a*	...
*	30·052	+ 4·755	1·00	...	...
...	+30·306	+47·339	− 5	*m*	...
*	30·789	−32·442	1·25	46. 665	10·4
...	31·543	+ 2·988	0·75	...	...
*	31·668	−42·005	1·05	46. 666	10·4
...	31·700	+53·743	− 5	*m*	...
461					
...	+31·769	−40·382	− 5	...	...
*	31·797	+27·872	0·95	...	...
*	31·877	+21·665	1·05	...	...
...	32·325	− 7·949	− 5	...	...
...	32·354	+38·947	− 2	*m*	...
*	+32·606	+ 2·256	2·20	45. 727	9·2
*	32·770	+47·326	1·40	45. 726	10·4
†	32·933	−54·905	− 5	...	...
...	33·021	−26·145	− 5	...	...
...	33·317	−49·436	− 1	...	...
471					
...	+33·872	−33·385	0·75	...	...
...	33·938	+13·665	− 4	*m*	...
...	34·052	+42·703	− 5	*m*	...
S *	34·249	−11·403	2·00	46. 667	9·5
...	35·026	−35·806	0·85	...	...
...	+35·160	+ 6·986	0·90	...	...
...	35·976	−46·209	− 4	...	...
...	36·030	+20·856	− 5	*m*	...
...	36·124	+36·187	− 4	*m*	...
...	36·148	+52·694	− 4	*m*	...
481					
...	+36·270	+21·812	0·90	...	...
...	36·725	+37·447	− 5	*m*	...
*	37·066	−51·274	1·20	...	...
...	37·714	+12·546	− 4	*m*	...
...	37·803	−22·030	0·90	...	...
...	+37·817	+ 8·043	− 5	*m*	...
...	37·862	+16·592	0·80	...	...
...	37·876	+46·336	0·75	*a*	...
...	37·959	+16·779	0·90	...	...
*	38·053	−43·959	1·10	46. 668	10·4
491					
...	+38·322	−51·204	− 3	...	...
...	38·516	+ 1·707	0·70	...	...
...	38·875	−17·546	0·90	...	...
...	39·249	+20·166	0·65	...	...
...	39·457	−43·071	− 5	...	...
...	+40·492	+45·868	0·80	*a*	...
...	40·504	+36·238	0·90	...	...
...	40·868	+48·319	0·65	*b*	...
...	40·910	− 3·811	− 4	...	...
...	40·965	−28·423	0·90	...	...
501–550					
501				°	
...	+40·979	+25·981	0·85	...	...
‡	41·071	+34·866	1·10	45. 728	10·2
*	41·225	−27·551	1·40	46. 669	10·4
...	41·385	+56·092	− 5	*m*	...
...	41·484	+58·736	− 5	*m*	...
*	+41·539	+26·818	1·40	45. 729	10·4
S *	41·697	−33·123	2·70	46. 670	8·8
...	41·963	+25·388	− 5	*m*	...
...	42·333	−38·352	− 5	...	...
...	42·353	+43·417	0·90	...	...
511					
*	+42·590	+29·619	1·00	...	...
*	42·866	−57·666	1·15	...	...
...	43·514	−37·547	0·75	...	...
...	43·651	−30·274	0·90	...	...
...	43·929	+ 7·293	− 5	*m*	...
...	+43·973	+16·656	0·85	...	...
...	44·066	+30·040	− 2	*m*	...
...	45·464	− 8·971	− 1	...	...
...	45·839	+10·908	0·70	...	...
...	46·678	+13·561	0·90	...	...
521					
...	+46·956	−33·868	− 5	*m*	...
...	47·020	+16·256	− 4	*e*	...
*	47·236	+35·207	1·00	...	...
*	47·715	+13·034	1·40	45. 730	10·2
...	47·770	−57·785	0·90	...	...
...	+47·930	+14·659	0·90	...	...
...	48·086	+44·090	− 5	*e*	...
...	48·999	+43·460	− 5	*m*	...
...	49·003	+44·951	0·85	*e*	...
...	49·010	+24·629	− 5	*e*	...
531					
...	+49·185	−54·713	− 5	...	...
...	49·283	−21·146	− 5	...	...
*	49·374	+ 2·797	1·00	...	...
...	49·507	+51·796	1·00	...	...
*	49·598	+ 3·317	1·00	...	...
...	+49·611	−15·646	− 4	...	...
...	49·630	− 5·534	0·90	...	...
S ‡	49·693	+13·608	2·40	45. 731	9·1
†	49·708	−28·852	− 1	...	...
‡	49·718	−55·525	1·00	...	...
541					
*	+49·941	−35·362	1·70	46. 672	10·2
...	50·008	−35·695	0·80	...	...
*	50·030	−26·244	1·35	46. 671	10·4
...	50·149	−12·236	− 4	...	...
...	50·553	−11·026	− 5	...	...
*	+51·226	+ 0·746	1·10	...	...
...	51·286	−11·393	− 5	...	...
...	51·575	−39·288	0·75	...	...
...	51·788	−39·039	− 5	...	...
...	52·436	+11·255	0·75	...	...
551–580					
551				°	
...	+52·741	+26·655	− 2	*e*	...
*	53·854	− 2·678	1·00	...	...
...	53·962	−13·176	− 5	...	...
...	54·197	−53·942	0·75	...	...
...	54·249	−57·720	− 5	...	...
...	+54·415	+10·967	0·75	...	...
*	54·854	−41·297	1·60	46. 673	10·4
...	54·949	+33·703	− 5	*e*	...
*	54·973	−26·718	1·15	...	...
...	55·113	−57·333	− 5	...	...
561					
...	+55·307	−38·047	− 1	...	...
...	55·320	+29·707	− 4	*e*	...
...	55·868	−34·189	0·90	...	...
...	56·421	+48·406	0·65	*e*	...
...	56·945	−55·725	1·05	...	...
...	+57·043	−14·457	− 3	...	...
...	57·280	−50·956	1·15	...	...
*	57·578	+ 8·449	1·10	...	...
...	57·603	+48·197	− 4	*e*	...
...	57·681	−23·623	− 3	...	...
571					
*	+57·823	+44·014	2·00	45. 732	9·8
*	58·009	+46·096	2·00	45. 733	10·0
*	58·227	+35·777	2·00	45. 734	9·6
...	58·230	+53·143	− 5	*e*	...
...	58·403	+12·667	− 4	*e*	...
...	+58·410	−32·854	− 2	...	...
...	58·992	−32·579	− 5	...	...
...	59·253	−16·727	− 3	...	...
...	59·494	−33·940	− 4	...	...
...	59·617	−48·069	0·90	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·85.	C.P.D. No.	C.P.D. Mag.
1–60					
1					
...	−59·634	−30·518	0·85	...	...
...	59·544	−57·888	1·00	...	...
...	59·530	−37·793	0·80	...	...
...	58·733	+10·709	− 3	...	...
...	58·494	− 9·179	− 2	...	...
...	−58·488	− 1·828	− 5	M	...
†	58·092	+35·038	0·90	...	...
...	57·978	+13·383	0·70	...	...
...	57·723	+16·102	− 5	E	...
...	57·531	+43·951	− 5	E	...
11					
*	−56·938	+12·888	1·15	45. 730	10·2
...	56·773	+14·526	0·90	...	...
...	56·621	+44·822	0·65	E	...
...	56·349	+51·677	0·90	...	...
...	56·011	+24·500	− 5	E	...
S ‡	−54·961	+13·519	1·80	45. 731	9·1
‡	54·945	+ 2·702	0·90	...	...
*	54·742	+ 3·232	0·95	...	...
...	54·657	−57·890	0·65	...	...
...	54·426	− 5·598	0·75	...	...
21					
...	−54·135	−15·723	− 3	...	...
...	54·027	−35·881	− 5	M	...
...	53·866	+13·252	− 4	M	...
...	53·717	−12·295	− 3	...	...
...	53·615	−28·886	− 5	...	...
*	−53·376	−26·286	1·10	46. 671	10·4
...	53·339	−11·077	− 4	...	...
*	53·184	−35·400	1·45	46. 672	10·2
...	53·103	−35·732	0·80	...	...
*	53·030	+ 0·720	0·95	...	...
31					
...	−52·959	− 1·477	− 5	M	...
...	52·768	−55·589	0·90	...	...
...	52·585	−11·421	− 5	...	...
...	52·340	− 0·024	− 4	M	...
...	52·328	+26·664	− 2	E	...
...	−52·152	+11·263	0·75	...	...
...	51·421	−39·267	− 1	...	...
...	51·243	−39·006	− 5	...	...
...	50·341	+33·758	− 4	E	...
*	50·300	− 2·618	0·95	...	...
41					
...	−50·164	+11·038	0·70	...	...
...	49·849	+29·792	− 4	E	...
...	49·848	−13·103	− 4	...	...
...	49·333	+48·521	− 1	E	...
*	48·429	−26·616	0·90	...	...
...	−48·339	−53·830	0·65	...	...
...	48·168	−57·624	− 5	...	...
...	48·138	+48·333	− 3	E	...
*	48·078	−41·185	1·60	46. 673	10·4
*	47·793	+44·173	1·80	45. 732	9·8
51					
...	−47·736	−37·918	− 2	...	...
...	47·733	−55·292	− 5	...	...
*	47·669	+46·253	1·70	45. 733	10·0
...	47·647	+53·308	− 5	E	...
...	47·322	−57·174	− 5	...	...
...	−47·282	−34·047	0·80	...	...
*	47·132	+35·950	1·80	45. 734	9·6
*	46·911	+ 8·625	0·95	...	...
...	46·738	−14·301	− 2	...	...
...	46·228	+12·853	− 3	E	...
61–120					
61					
...	−45·815	−23·426	− 3	...	...
...	45·543	−55·534	0·95	...	...
...	45·354	−50·768	1·00	...	...
...	45·351	− 4·773	− 5	M	...
...	44·800	−32·618	− 1	...	...
...	−44·795	+45·794	0·65	A	...
...	44·554	+27·371	− 5	M	...
...	44·450	−16·478	− 1	...	...
*	44·431	+14·160	1·60	45. 735	9·6
...	44·229	−32·333	− 3	...	...
71					
...	−44·151	+41·155	0·85	...	...
†	43·750	+25·063	− 1	B	...
...	43·677	−33·660	− 3	...	...
...	43·437	−15·595	− 5	...	...
...	43·102	−47·791	0·90	...	...
...	−42·650	−14·523	0·80	...	...
...	42·427	−18·645	− 3	M	...
...	42·033	−15·281	0·65	...	...
...	42·003	−13·726	− 4	M	...
...	41·619	−42·524	− 3	M	...
81					
...	−41·437	−23·127	0·75	...	...
...	41·242	−27·226	0·90	...	...
...	40·792	− 3·681	− 5	M	...
...	40·435	− 3·518	− 5	M	...
...	40·360	−30·146	− 4	...	...
...	−40·206	−19·630	− 5	M	...
...	40·159	−14·326	− 4	...	...
*	39·866	−36·700	0·95	...	...
...	39·634	−44·998	− 5	M	...
...	39·409	− 6·479	− 3	...	...
91					
...	−39·171	−58·090	− 1	...	...
...	38·943	+22·576	− 5	M	...
...	38·938	+ 7·038	− 4	M	...
*	38·918	−13·713	0·95	...	...
...	38·889	+42·592	0·90	...	...
...	−38·644	−39·528	− 5	...	...
...	38·640	−35·913	0·70	...	...
*	38·570	+19·079	1·50	45. 736	9·8
...	38·306	+ 6·003	− 4	M	...
...	38·172	+ 1·477	0·65	...	...
101					
...	−37·839	+44·123	− 4	M	...
...	37·806	−50·333	− 5	...	...
...	37·536	+33·560	− 4	M	...
...	37·371	−14·055	− 5	M	...
...	37·090	+ 0·644	0·70	...	...
...	−36·968	−44·389	− 5	...	...
...	36·911	+ 2·548	0·65	...	...
...	36·756	−11·587	0·65	...	...
...	36·714	+ 5·427	− 5	M	...
*	36·601	−28·442	1·05	46. 674	10·4
111					
...	−36·314	+ 7·063	− 3	M	...
*	36·091	+51·460	2·00	45. 737	9·1
...	35·631	+15·256	− 5	M	...
...	35·615	−32·487	− 3	...	...
...	35·404	−10·645	− 3	...	...
...	−35·361	+25·611	− 4	M	...
*	35·171	−14·493	1·05	46. 675	10·4
†	35·018	−26·266	− 2	...	...
...	34·768	+17·513	− 5	M	...
*	34·739	−17·662	1·00	...	...
121–180					
121					
...	−34·234	−45·232	− 4	M	...
...	34·132	+16·402	− 5	M	...
...	33·843	+ 9·955	− 5	M	...
...	33·766	−27·894	− 5	...	...
...	33·682	−42·158	0·75	...	...
*	−33·432	+11·146	1·35	45. 738	9·8
*	33·404	+12·033	1·20	45. 739	10·0
...	33·308	+50·274	− 3	M	...
*	33·241	+43·314	1·00	...	...
...	33·090	−43·451	0·85	...	...
131					
...	−32·976	+ 2·596	− 4	M	...
...	32·711	+ 1·831	− 4	M	...
...	32·560	−55·408	− 5	...	...
...	32·555	+ 7·387	0·90	...	...
...	32·177	+51·247	− 5	M	...
S *	−32·120	+42·130	2·20	45. 740	8·8
...	31·942	+ 5·752	− 5	M	...
...	31·730	− 3·200	− 1	...	...
...	31·705	+30·208	0·65	A	...
...	31·593	+49·533	− 4	M	...
141					
...	−31·563	−33·881	0·65	...	...
...	30·890	+22·739	0·80	A	...
...	30·728	−48·872	− 4	...	...
...	30·217	−56·476	− 2	...	...
†	30·179	−54·732	− 5	M	...
...	−29·972	+ 2·658	0·70	...	...
†	29·942	− 6·049	0·70	...	...
...	29·941	+51·734	0·80	A	...
...	29·674	−59·136	− 5	...	...
...	29·552	+ 3·297	− 4	M	...
151					
...	−29·159	−12·132	− 5	M	...
S *	28·782	−36·790	2·20	46. 676	8·8
...	28·484	+11·839	− 4	M	...
...	28·358	−30·595	− 4	...	...
*	28·287	−56·842	1·00	...	...
†	−28·084	+ 0·127	− 5	M	...
*	28·034	−15·315	2·20	46. 677	9·1
...	27·867	−20·522	0·90	...	...
...	27·710	+17·612	0·90	...	...
...	27·624	+56·324	− 5	M	...
161					
...	−27·297	+51·882	0·80	A	...
...	27·280	−36·865	− 1	...	...
...	26·896	− 4·524	− 5	M	...
...	26·745	+23·067	− 4	M	...
...	26·440	+ 1·143	− 4	M	...
...	−26·268	+30·627	− 5	M	...
*	26·168	−19·583	1·00	...	...
...	26·065	+58·135	− 3	M	...
*	25·899	+14·026	1·05	45. 741	10·1
...	25·857	−30·744	0·90	...	...
171					
...	−25·851	+37·476	0·65	A	...
...	24·904	−57·597	− 5	M	...
...	24·865	+15·828	0·65	B	...
*	24·754	+57·865	1·10	45. 742	10·4
...	24·672	+43·480	0·85	...	...
...	−24·671	−40·517	− 5	...	...
...	24·577	+51·778	0·95	...	...
...	24·401	−53·029	0·85	...	...
...	24·115	−58·620	0·65	...	...
...	23·757	−47·711	0·85	...	...

ES measured from 1, 418, 586.
NM ,, , 146, 503.
C ,, ,, 342.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·85.	C.P.D. No.	C.P.D. Mag.
181–240					
181					
...	−23·635	+45·589	− 5	°M	...
...	23·564	−18·624	0·80	...	...
‡	23·525	−54·690	1·10	...	...
...	23·400	−42·846	0·85	...	...
...	23·273	− 7·235	− 5	...	...
...	−23·223	+ 6·370	0·70	A	...
*	23·160	+48·296	2·00	45. 743	9·2
...	23·053	−50·453	− 5	M	...
...	23·021	+ 1·704	− 4	M	...
...	22·878	+26·561	0·90	...	...
191					
...	−22·532	+ 0·056	0·75	α	...
...	22·507	−45·326	− 2	...	...
...	22·416	+19·588	− 1	M	...
...	22·370	+ 0·702	− 4	M	...
...	22·158	−52·079	− 5	M	...
...	−22·081	+18·287	0·70	A	...
...	22·027	−56·703	− 1	M	...
*	21·646	+11·121	1·00	...	...
...	21·542	−34·350	0·90	...	...
...	21·476	−12·586	0·70	...	...
201					
...	−21·431	+21·530	− 5	M	...
...	21·396	− 5·493	− 1	M	...
...	20·986	−56·748	− 3	...	...
*	20·854	− 0·936	2·60	46. 678	8·8
...	20·786	+43·839	0·70	A	...
...	−20·700	−11·531	0·65	...	...
...	20·676	− 6·517	0·65	...	...
...	20·568	+19·005	− 5	M	...
†	20·532	−34·718	0·85	...	...
...	19·920	−12·420	− 4	M	...
211					
...	−19·829	+11·206	0·70	A	...
...	19·711	+24·284	− 3	M	...
...	19·644	−17·486	− 5	M	...
†	19·479	− 9·807	0·80	...	...
...	19·313	+35·622	− 4	M	...
...	−18·598	−33·421	0·70	...	...
...	18·561	−53·350	− 3	...	...
...	18·477	+13·892	− 1	M	...
*	18·462	−48·329	1·00	...	...
...	18·313	+ 8·075	− 5	M	...
221					
...	−18·121	−18·080	− 4	...	...
...	18·082	−10·563	0·75	...	...
...	18·008	+44·794	− 5	M	...
...	17·982	−49·474	− 5	...	...
...	17·973	−53·272	0·65	...	...
*	−17·636	−46·182	1·60	46. 679	10·1
*	17·529	+35·556	2·00	45. 744	9·2
*	17·414	−41·760	1·00	...	...
...	17·372	−21·410	− 5	M	...
...	17·348	−13·188	− 5	M	...
231					
...	−17·231	+ 3·922	0·65	A	...
...	17·194	−46·950	0·70	...	...
...	17·104	− 1·790	0·70	...	...
...	16·237	+41·357	− 5	M	...
...	16·131	−30·477	0·70	...	...
...	−15·981	+17·783	0·75	A	...
...	15·904	−56·766	− 5	...	...
...	15·763	+13·344	0·65	B	...
...	15·696	+27·842	0·75	...	...
*	15·672	−20·722	1·15	46. 680	10·0
241–300					
241					
...	−15·591	+55·754	0·65	°B	...
*	15·560	−51·973	2·30	46. 681	9·5
...	15·450	+29·258	− 2	M	...
...	15·371	+19·525	0·70	A	...
...	15·231	+12·766	0·80	A	...
...	−15·166	+37·431	− 2	M	...
†	15·061	+29·499	− 5	M	...
...	14·984	−32·857	0·75	...	...
S ‡	14·930	−19·941	2·30	46. 682	8·4
...	14·796	+21·960	0·75	...	...
251					
...	−14·287	−27·799	0·70	...	...
...	14·146	+29·849	0·80	...	...
...	14·096	+15·379	0·90	...	...
...	13·906	− 0·943	− 4	M	...
...	13·903	− 1·871	− 5	M	...
...	−13·657	+12·104	− 4	M	...
...	13·623	−50·534	− 4	...	...
...	13·373	+ 4·729	0·70	A	...
*	13·273	+11·038	1·00	...	...
...	13·103	− 0·188	− 5	M	...
261					
...	−13·079	−29·970	0·80	...	...
...	13·062	−14·427	− 5	M	...
...	13·034	−11·501	0·75	...	...
...	12·962	+27·901	− 5	M	...
...	12·756	+44·325	− 5	M	...
*	−12·430	−39·935	1·15	46. 683	10·1
...	12·414	+ 3·568	− 5	M	...
...	12·205	−13·388	0·65	...	...
...	12·196	−13·859	− 5	M	...
...	12·030	+10·246	0·75	...	...
271					
*	−11·856	+51·010	1·70	45. 745	9·4
...	11·584	+47·985	− 3	M	...
...	11·418	+24·756	− 5	M	...
...	11·192	− 6·119	0·70	...	...
*	11·180	+ 3·502	0·95	...	...
...	−10·965	+57·588	− 5	M	...
...	10·516	− 7·614	0·80	...	...
...	10·513	+36·200	− 5	M	...
*	10·441	−51·175	1·10	...	...
...	10·362	−13·860	0·90	...	...
281					
...	−10·227	−53·043	0·65	...	...
...	9·971	−56·708	− 5	...	...
...	9·757	+25·738	− 4	M	...
...	9·749	+41·814	0·65	...	...
*	9·256	−42·266	1·70	46. 684	9·6
*	− 9·052	+ 5·205	1·05	45. 746	10·2
...	8·992	+47·939	0·80	...	...
‡	8·888	−19·843	1·00	...	...
*	8·701	−33·973	1·00	46. 685	10·4
...	8·589	−37·351	0·65	...	...
291					
...	− 8·536	−57·290	− 5	*m*	...
...	8·430	+48·903	0·65	A	...
...	8·302	− 9·464	0·75	...	...
...	7·879	+52·795	− 5	M	...
...	7·793	−51·187	− 5	*m*	...
...	− 7·739	+ 1·516	− 5	M	...
†	7·667	+20·090	0·70	...	...
†	7·664	+15·082	0·75	...	...
...	7·661	+36·348	− 5	M	...
...	7·467	+20·579	0·70	...	...
301–360					
301					
*	− 7·078	−21·989	2·20	46. 686	9·1
...	6·995	−31·040	− 4	*m*	...
...	6·988	−22·750	0·70	*m*	...
...	6·732	+48·779	− 5	M	...
...	6·708	+25·594	0·70	...	...
...	− 6·612	−23·759	0·70	*m*	...
...	6·597	−30·148	− 2	*m*	...
...	5·970	+39·682	− 5	M *m*	...
...	5·560	+24·878	− 4	M *m*	..
‡	5·260	−13·516	1·70	46. 687	9·0
311					
...	− 4·804	+31·224	− 3	M *m*	...
...	4·582	− 3·353	0·70	*m*	...
...	4·333	+27·824	− 3	M *m*	...
...	3·888	−43·755	− 3	*m*	...
...	3·851	−18·191	− 1	*m*	...
...	− 3·802	−52·016	− 2	*m*	...
...	3·690	+23·207	0·70	...	...
...	3·617	−25·589	0·65	*m*	...
...	3·557	+12·308	− 1	M	...
...	3·494	+33·318	− 2	M	...
321					
...	− 3·294	−47·470	− 5	M *m*	...
...	3·262	+54·570	0·80	...	...
...	3·034	− 4·212	− 4	M *m*	...
...	3·022	+38·051	0·70	...	...
...	2·972	+33·735	0·65	M	...
...	− 2·697	− 8·702	0·75	*m*	...
...	2·410	+ 0·050	− 3	M *m*	...
S *	2·002	−46·265	2·00	46. 688	9·0
*	1·994	+44·795	0·95	...	...
...	1·972	+ 4·485	− 4	M *m*	...
331					
...	− 1·962	+45·616	− 5	M *m*	...
...	1·546	−46·217	0·65	*m*	...
...	1·331	− 9·727	− 1	*m*	...
...	1·197	+ 7·697	− 2	M *m*	...
...	1·148	−54·373	− 4	*m*	...
...	− 1·134	−19·681	0·65	*m*	...
...	0·713	−41·469	− 2	*m*	...
...	0·641	−26·801	− 5	M *m*	...
*	0·598	−47·057	1·00	...	...
...	0·370	−14·897	− 4	M *m*	...
341					
‡	− 0·146	+33·578	1·00	...	...
...	+ 0·074	+ 0·360	− 5	M *m*	...
...	0·148	+36·707	0·65	...	...
...	0·154	+57·956	0·65	...	...
*	0·597	−16·643	0·85	...	...
...	+ 0·626	+41·625	− 1	...	...
...	0·829	+40·344	− 5	M	...
...	0·835	−41·237	− 5	M *m*	...
...	0·868	− 5·621	− 1	*m*	...
...	1·038	−33·794	− 5	*m*	...
351					
†	+ 1·520	−29·806	− 5	*m*	...
...	1·599	−52·972	0·70	...	...
...	1·640	+ 3·935	0·65	B *m*	...
*	1·651	+38·791	1·00	45. 747	10·4
...	1·682	−42·361	− 1	*m*	...
*	+ 1·887	+28·022	1·20	45. 748	10·4
...	2·046	+18·418	− 5	M *m*	...
...	2·592	+34·242	0·80	...	...
...	2·636	− 2·261	− 5	M *m*	...
...	2·763	− 6·396	0·75	*m*	...

Notes.	Co-ordinates. x.	y.	Diam. 0·85.	C.P.D. No.	Mag.
361–420					
361					
...	+ 2·959	−10·745	0·80	...	...
...	3·028	−51·662	− 4	*m*	...
...	4·299	− 1·955	− 5	M *m*	...
...	4·486	+53·401	− 5	M	...
...	4·625	+43·978	− 5	M	...
...	+ 4·716	+16·418	− 2	...	...
‡‡	4·785	+30·749	1·60	45. 750	10·0
S *	5·014	+48·573	2·20	45. 751	8·8
...	5·038	+ 7·630	− 5	M	...
...	5·341	−37·698	0·75	...	...
371					
...	+ 5·538	+28·026	− 5	M	...
...	5·558	−15·934	0·80	...	...
...	5·682	+52·034	− 5	M	...
...	5·718	+ 5·310	− 4	M	...
...	5·924	+43·160	− 5	M	...
...	+ 5·935	− 6·342	0·70	...	...
...	5·943	+27·528	− 5	M	...
...	6·200	+27·525	− 4	M	...
...	6·297	+26·980	− 1	M	...
...	6·320	+25·774	− 4	M	...
381					
...	+ 6·432	−16·284	0·70	*m*	...
...	6·468	+36·378	− 4	M	...
...	6·753	−26·741	0·70	...	...
...	7·025	+26·307	− 5	M	...
...	7·802	−27·651	0·75	...	...
‡‡	+ 8·315	− 4·857	1·70	46. 689	9·6
...	8·350	−32·217	− 5	*m*	...
...	8·916	+46·901	− 2	...	...
...	8·960	+23·922	0·80	...	...
*	9·091	+10·468	1·00	...	...
391					
...	+ 9·195	+21·511	0·65	...	...
...	9·205	−57·088	− 4	...	...
...	9·405	+46·721	− 1	*m*	...
...	9·771	−58·722	− 5	*m*	...
†	9·857	+56·685	0·70	...	...
...	+10·061	+ 1·331	0·70	...	...
*	10·132	− 6·431	0·90	...	...
...	10·421	+42·308	− 1	...	...
...	10·533	+55·605	0·70	...	...
...	10·662	+31·733	− 5	...	...
401					
*	+10·683	+33·622	0·95	...	...
...	10·683	−19·125	− 5	*m*	...
...	10·892	+22·726	− 5	*m*	...
...	11·216	+ 4·092	− 1	...	...
...	11·363	−14·971	− 5	*m*	...
*	+12·250	+16·872	2·00	45. 752	9·1
...	12·400	−36·197	0·85	...	...
*	12·937	− 2·282	0·80	...	...
...	13·215	+ 6·387	0·70	...	...
...	13·586	−40·723	0·80	...	...
411					
...	+13·804	+30·383	0·70	...	...
...	13·860	−50·459	0·80	...	...
...	14·042	−15·910	− 4	*m*	...
*	14·129	−37·391	1·05	46. 690	10·2
...	14·449	−30·741	0·80	...	...
...	+14·779	−59·081	0·70	...	...
†	14·832	−16·242	− 4	*m*	...
...	15·732	+ 1·016	− 4	*m*	...
...	15·912	−26·358	− 5	*m*	...
...	15·984	−25·942	− 3	*m*	...
421–480					
421					
...	+16·085	−23·784	− 4	*m*	...
...	16·220	−34·303	0·65	*a*	...
...	16·431	+34·169	− 2	...	...
...	16·444	−12·847	− 5	*m*	...
*	16·907	+57·793	4·00	45. 753	7·2
...	+17·036	+51·846	− 3	...	...
*	17·195	+48·600	2·80	45. 754	7·7
†	17·235	+30·107	− 4	...	...
...	17·239	+19·766	− 2	...	...
...	17·345	−58·987	− 2	*m*	...
431					
...	+17·377	−57·316	− 5	*m*	...
...	17·656	−19·140	− 4	*m*	...
...	17·670	+27·707	− 3	...	...
*	17·694	−24·025	0·90	...	...
...	17·842	−41·992	− 5	*m*	...
...	+17·845	+44·289	− 4	...	...
...	18·212	−50·859	− 5	*m*	...
*	18·411	−23·719	1·00	...	...
...	18·463	+51·450	− 5	...	...
...	18·906	+59·017	− 5	...	...
441					
...	+18·967	+33·824	− 5	*m*	...
*	18·976	+55·247	4·30	45. 755	7·2
...	19·026	−34·339	− 5	*m*	...
...	19·245	+32·605	0·70	...	...
...	19·451	−44·936	− 2	*m*	...
...	+19·594	−31·306	0·70	*m*	...
...	20·010	−15·940	− 5	*m*	...
...	20·019	−21·477	0·75	...	...
...	20·160	+29·317	− 5	...	...
...	20·194	− 2·847	− 3	*m*	...
451					
...	+20·552	−55·169	0·65	...	...
...	20·752	+17·388	− 5	*m*	...
*	21·350	−49·001	1·70	46. 691	9·4
...	21·641	− 1·887	0·70	*m*	...
†	21·687	− 4·843	− 1	*m*	...
...	+21·800	+59·423	− 5	...	...
...	21·874	− 3·218	0·65	*m*	...
...	21·875	+53·596	0·70	...	...
...	21·903	−32·264	− 3	*m*	...
...	22·159	−23·636	− 5	*m*	...
461					
...	+22·165	− 4·404	0·70	*m*	...
*	22·278	−46·092	1·25	46. 692	10·1
...	22·312	+ 6·583	0·85	...	...
...	22·396	+45·822	− 4	...	...
...	22·682	+13·686	− 4	*m*	...
...	+22·715	+50·976	− 5	...	...
...	23·139	+30·296	− 5	*m*	...
‡	23·180	+54 708	1·10	46. 694	10·2
†	23·349	−39·656	− 5	*m*	...
*	23·429	−13·494	1·05	46. 693	10·4
471					
...	+23·601	−57·802	− 5	*m*	...
...	23·822	+51·374	0·65	...	...
†	23·987	−14·821	− 4	*m*	...
...	24·095	+35·133	− 5	...	...
...	24·118	+59·196	− 1	...	...
...	+24·227	+ 4·680	− 4	...	...
*	24·281	−17·576	0·90	...	...
*	24·485	+20·381	0·85	...	...
*	24·516	−38·797	1·50	46. 695	9·6
*	24·972	+32·085	1·15	45. 756	10·2
481–540					
481					
...	+25·340	−19·841	0·80	...	...
...	25·341	+28·283	0·75	...	...
...	25·738	+22·952	0·70	*a*	...
...	25·894	−16·855	0·65	*m*	...
...	25·919	−49·342	− 5	*m*	...
...	+25·929	−15·573	0·70	...	...
...	26·086	+ 6·973	− 1	...	...
...	26·301	−58·299	− 3	*m*	...
*	26·468	−56·384	2·60	46. 696	8·3
...	26·747	+18·354	− 5	*m*	...
491					
...	+26·845	−52·966	0·70	...	...
...	26·987	+ 0·350	0·65	*a*	...
*	27·442	−12·983	0·90	...	...
...	27·589	+52·562	− 5	...	...
...	27·792	−53·524	0·75	...	...
...	+28·184	−53·018	− 4	*m*	...
...	28·533	+13·483	0·80	...	...
...	28·583	−13·724	− 5	*m*	...
†	29·211	−59·607	− 4	*m*	...
...	29·293	+20·290	− 4	*m*	...
501					
...	+29·396	+13·344	− 4	*m*	...
...	29·724	−10·361	− 5	*m*	...
...	29·970	+36·259	− 3	...	...
‡	30·283	−59·593	1·40	46. 697	10·4
...	30·292	+41·237	− 5	*m*	...
...	+30·478	+45·251	0·75	...	...
...	30·483	−12·077	− 4	*m*	...
...	30·490	−30·942	− 5	*m*	...
*	30·689	−40·284	1·60	46. 698	9·8
*	30·842	−46·554	1·40	46. 699	10·2
511					
...	+31·036	−53·112	− 5	*m*	...
...	31·426	−29·444	− 5	*m*	...
...	31·500	+51·186	0·80	...	...
...	31·505	−23·569	0·70	*a*	...
*	31·769	−47·313	1·05	...	...
*	+31·783	−21·863	1·10	46. 700	10·0
...	31·909	− 3·192	0·75	*m*	...
...	32·098	+23·875	0·65	...	...
...	32·294	+40·499	0·90	...	...
...	32·485	− 5·264	− 5	*m*	...
521					
*	+32·634	+12·645	0·95	...	...
...	32·718	+51·930	0·80	...	...
...	32·957	−17·420	− 3	*m*	...
...	33·165	− 8·033	− 5	*m*	...
...	33·173	+ 6·156	− 5	*m*	...
...	+33·304	+15·947	0·75	...	...
...	33·593	−13·069	− 5	*m*	...
*	33·835	−26·260	1·10	46. 701	10·4
...	33·979	− 3·802	− 5	*m*	...
...	33·983	−49·118	− 5	*m*	...
531					
...	+34·364	−28·250	0·65	*m*	...
...	34·894	+26·186	0·65	*a*	...
*	35·026	−44·972	0·95	*a*	...
S *	35·064	+11·653	3·20	45. 757	8·0
*	35·093	−12·121	0·95	...	...
*	+35·302	−24·893	1·05	46. 702	10·1
...	35·386	+ 2·369	− 5	*m*	...
...	35·770	− 4·361	0·70	*m*	...
...	35·830	+46·543	− 4	...	...
...	36·163	− 1·166	− 4	*m*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·85.	C.P.D. No.	C.P.D. Mag.
541-580					
541					
...	+36′·467	+ 0′·554	− 5	°m	...
...	36·600	+23·095	0·90	...	...
...	36·863	−27·203	− 5	m	...
...	36·880	−43·340	− 5	m	...
...	37·258	+55·587	− 5	...	...
...	+37·282	+18·278	− 5	m	...
*	37·295	+43·667	1·60	45. 758	9·6
*	37·301	+28·797	1·00	45. 759	10·4
...	37·779	−10·788	0·65	m	...
*	37·784	+32·653	1·15	45. 760	10·2
551					
...	+37·974	+42·197	− 4	...	...
...	38·176	−52·856	− 2	m	...
...	38·705	+22·714	− 5	m	...
...	38·804	+39·483	0·90	...	...
...	39·081	−39·632	− 4	m	...
...	+39·175	−23·672	− 4	m	...
...	39·875	−56·725	− 5	m	...
...	39·878	+56·932	− 5	...	...
...	40·184	+49·585	− 5	...	...
...	40·237	−32·240	− 4	m	...
561					
...	+40·809	+ 5·785	0·65	b	...
...	40·812	−23·006	0·70	b	...
...	40·887	+36·740	− 5	m	...
*	41·059	−17·925	1·00	...	...
...	41·142	+59·256	− 4	...	...
...	+41·228	−54·359	− 5	m	...
*	41·316	+52·977	1·10	45. 761	10·4
*	41·320	−52·137	1·20	...	...
*	41·406	−17·838	1·50	46. 703	9·4
...	41·945	−47·918	− 5	m	...
571					
S *	+42·386	−30·500	2·00	46. 704	8·8
...	42·480	−11·313	− 4	m	...
...	42·521	+ 9·374	− 4	m	...
...	42·861	− 0·379	0·70	m	...
...	42·941	+46·167	− 4	...	...
...	+42·962	+ 3·782	− 5	m	...
*	43·260	+46·692	1·10	45. 762	10·4
S *	43·721	−11·773	3·20	46. 705	7·0
S ‡	43·753	+54·970	3·30	45. 763	7·8
*	44·158	−44·290	1·30	46. 706	10·2

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·85.	C.P.D. No.	C.P.D. Mag.
581-620					
581					
†	+44′·240	− 4′·779	0·80	° ...	...
...	44·313	+ 9·424	− 5	m	...
...	44·473	+19·635	− 5	m	...
...	44·520	+17·591	0·65	...	...
*	44·683	−31·754	1·00	46. 707	10·4
...	+45·013	−10·601	− 4	m	...
...	45·089	−41·701	0·65	...	...
*	45·411	−40·285	1·50	46. 708	9·8
...	45·437	−12·251	− 3	e	...
...	45·605	+29·779	− 4	...	...
591					
...	+46·014	+19·700	− 1	...	...
...	46·231	+12·572	− 4	...	...
...	47·161	−58·579	1·10	46. 710	10·4
*	47·691	−12·008	1·15	46. 709	10·1
...	47·869	−33·971	0·65	e	...
...	+48·217	+ 8·086	− 2	...	...
...	48·258	−35·851	− 2	e	...
...	49·217	+10·318	− 4	m	...
...	49·265	−12·584	− 4	e	...
...	49·494	+41·186	0·65	...	...
601					
†	+49·629	+ 5·149	− 2	...	...
*	49·880	+23·467	1·10	...	...
...	49·924	+ 9·878	− 3	e	...
*	49·975	+56·512	1·30	45. 764	10·2
...	50·259	− 6·114	− 5	m	...
†	+50·378	+10·093	− 1	...	...
...	50·704	−50·196	− 4	e	...
†	50·812	+ 0·142	− 1	...	...
...	51·421	+21·594	0·70	...	...
...	51·751	−40·340	− 1	e	...
611					
...	+52·119	−19·860	− 2	e	...
...	52·509	−18·157	0·65	...	...
...	52·618	−47·865	− 5	e	...
...	53·804	−12·660	− 2	e	...
...	54·160	+25·293	− 5	...	...
...	+54·266	−55·661	− 5	e	...
...	54·528	−41·570	0·65	...	...
†	54·708	−38·210	0·85	...	...
*	54·863	−37·441	1·00	...	...
...	55·172	−54·813	− 3	e	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·85.	C.P.D. No.	C.P.D. Mag.
621-640					
621					
...	+55′·367	+51′·966	0·75	° ...	...
*	55·471	+57·208	1·90	45. 765	9·8
...	55·862	+10·332	− 5	...	...
...	55·929	−17·159	− 5	e	...
...	55·980	− 2·508	− 3	e	...
...	+56·510	+14·491	− 4	...	...
S *	56·952	−50·435	2·50	46. 711	8·8
*	57·140	+33·945	1·10	...	...
...	57·238	−41·083	− 5	e	...
...	57·611	−28·724	− 5	e	...
631					
...	+57·976	−42·430	− 4	e	...
*	58·390	+28·177	1·25	45. 766	10·1
...	58·716	−14·556	− 5	e	...
...	58·844	+16·399	− 2	...	...
...	58·870	−20·852	− 5	m	...
*	+59·144	+44·922	1·15	45. 767	10·4
...	59·189	+12·522	− 5	...	...
...	59·274	−36·817	0·65	...	...
...	59·340	+49·240	− 5	...	...
...	59·463	+ 3·903	− 2	...	...

I	x.	y.	0·85.	No.	Mag.
1-10					
...	−59′·593	+23′·770	− 5	°M	...
...	59·537	+29·567	− 4	...	...
...	58·846	+19·508	− 3	...	...
†	58·688	−44·507	0·80	46. 706	10·2
*	58·535	−31·958	1·10	46. 707	10·4
...	−58·415	−12·451	− 4	E	...
...	58·392	+12·391	− 4	...	...
...	57·836	−41·903	− 4	...	...
...	57·805	−35·792	− 5	M	...
*	57·549	−40·465	1·40	46. 708	9·8

II	x.	y.	0·85.	No.	Mag.
11-20					
...	−56′·269	+ 7′·957	− 4	° ...	...
*	56·163	−12·128	1·00	46. 709	10·1
*	56·001	+56·419	1·20	45. 764	10·2
...	55·997	+41·095	0·70	...	...
...	55·290	−34·097	− 3	E	...
*	−55·233	−58·697	1·10	46. 710	10·4
...	55·141	−38·138	− 5	M	...
...	55·083	+23·380	0·90	...	...
...	54·896	+34·453	− 5	M	...
...	54·847	−35·944	− 5	E	...

21	x.	y.	0·85.	No.	Mag.
21-30					
...	−54′·622	+ 9′·816	− 4	°E	...
...	54·571	−12·650	− 5	E	...
...	54·154	+10·045	− 3	...	...
...	53·955	−23·300	− 5	M	...
...	53·492	+21·563	0·75	...	...
...	−53·409	+ 0·119	0·65	...	...
...	53·078	−19·773	− 5	M	...
...	52·857	+ 2·468	− 5	M	...
...	51·950	−50·209	− 4	E	...
...	51·484	−19·829	0·65	E	...

NM measured from 1, 131, 318, 519.
ES „ „ 66, 220, 424, 609.

Diameters of faint stars over-estimated by NM.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
31–90					
31					
...	−51′203	−40′332	− 3	°E	...
...	51·156	−18·135	0·70	...	...
...	51·138	−31·629	− 5	M	...
...	50·864	+25·358	− 4	...	...
*	50·545	+57·283	1·40	45. 765	9·8
...	−50·472	+52·046	0·80	...	...
...	50·111	−47·827	− 5	E	...
...	50·034	−12·595	0·70	E	...
...	48·691	+10·447	− 4	...	...
...	48·406	−41·460	0·80	...	...
41					
...	−48·317	−38·091	0·85	...	...
...	48·234	−55·526	− 5	E	...
*	48·182	−37·337	0·90	...	...
...	48·169	+14·624	− 5	...	...
...	48·166	− 2·372	− 3	E	...
*	−48·153	+34·095	1·00	...	...
...	47·760	−17·025	− 5	E	...
...	47·705	+21·328	− 5	M	...
...	47·348	+ 7·866	− 2	...	...
...	47·315	+26·865	− 5	M	...
51					
...	−47·310	−54·681	− 4	E	...
...	46·770	+31·314	− 5	...	...
*	46·721	+28·362	1·05	45. 766	10·1
*	46·496	+45·099	0·95	45. 767	10·4
...	46·426	+49·426	− 5	...	...
...	−46·425	+15·761	− 5	M	...
...	45·896	+16·604	0·65	...	...
...	45·782	+54·310	0·90	...	...
...	45·726	−28·536	− 5	E	...
...	45·691	−40·887	− 5	E	...
61					
S *	−45·691	−50·250	2·00	46. 711	8·8
...	45·419	+12·740	− 4	...	...
...	45·059	−14·337	− 5	E	...
...	44·916	−42·215	− 4	E	...
...	44·889	+ 4·133	0·65	...	...
...	−43·804	−36·561	− 1	...	...
*	43·756	+21·444	0·85	45. 768	10·4
*	43·704	+45·513	0·90	45. 769	10·4
...	43·696	−20·601	− 5	M	...
...	43·549	−12·385	− 5	M	...
71					
...	−43·461	−12·885	− 2	...	...
...	43·170	+32·720	0·75	...	...
...	42·853	+ 1·942	− 4	M	...
...	42·743	−11·246	− 5	M	...
...	42·048	−21·800	− 4	M	...
...	−41·774	−47·466	0·75	...	...
...	41·446	+43·585	0·70	...	...
...	41·247	+33·162	− 5	...	...
*	41·214	−20·502	0·90	46. 712	10·4
...	40·728	+20·032	− 3	...	...
81					
...	−40·658	−13·529	0·65	A	...
...	40·651	+29·952	− 4	...	...
...	40·369	− 5·065	− 5	M	...
...	40·312	+20·820	− 4	...	...
...	40·053	+17·355	− 3	...	...
...	−39·997	+21·303	− 5	...	...
†	39·505	+ 0·264	− 4	...	...
...	39·287	+14·837	0·65	...	...
...	39·278	+36·794	0·75	...	...
...	38·866	+ 4·114	− 2	...	...
91–150					
91					
...	−38′851	−11′583	− 4	°M	...
...	38·590	+13·603	− 2	...	...
...	38·533	+39·045	− 5	...	...
...	38·413	−25·041	− 4	M	...
...	38·353	+ 1·756	− 2	...	...
...	−37·708	−32·469	− 4	M	...
...	37·382	−25·049	− 4	M	...
...	37·029	−20·741	− 2	M	...
...	36·982	+ 6·346	− 2	...	...
...	36·814	−11·172	− 5	M	...
101					
...	−35·968	+45·016	− 4	...	...
*	35·960	−32·944	0·90	46. 713	10·2
...	35·789	+31·716	− 5	...	...
...	35·506	−32·131	− 4	M	...
*	35·374	−15·964	1·70	46. 714	8·8
...	−35·063	−11·607	− 5	M	...
...	35·026	+26·012	− 4	...	...
†	34·796	+54·985	0·65	...	...
...	34·724	−22·853	− 5	M	...
...	34·714	+46·319	− 4	...	...
111					
*	−34·692	+40·361	1·80	45. 770	9·0
...	34·357	−20·669	− 5	M	...
...	34·323	+49·200	− 5	M	...
...	34·247	−19·857	0·65	...	...
*	34·110	−19·872	2·00	46. 715	8·4
...	−33·931	+37·417	− 1	...	...
*	33·873	+32·773	1·10	45. 771	9·8
...	33·694	−30·791	0·80	...	...
...	33·544	+32·557	− 4	...	...
*	33·467	−19·963	1·15	46. 716	9·5
121					
...	−33·425	+41·035	0·70	...	...
‡	33·151	−39·662	1·40	46. 717	9·0
*	32·478	−19·286	0·80	...	...
...	32·430	+24·621	− 2	...	...
...	32·119	−33·771	− 5	M	...
*	−32·045	−56·385	1·05	46. 718	10·2
...	31·885	+33·389	− 4	...	...
...	31·749	+22·888	− 5	M	...
...	31·117	+26·800	− 3	..	...
S *	30·066	−32·310	1·80	46. 719	8·6
131					
...	−29·606	−13·817	− 5	M	...
...	29·582	+51·949	− 2	...	...
...	29·516	−18·853	0·65	B	...
...	29·383	−29·359	0·65	B	...
...	29·232	−29·475	− 5	M	...
...	−29·221	−50·219	− 5	M	...
...	29·164	+26·816	0·65	...	...
...	28·933	+57·275	− 5	...	...
...	28·888	+43·833	− 5	...	...
...	28·692	+20·739	− 5	M	...
141					
...	−28·144	+57·585	− 4	...	...
...	28·115	+29·361	0·70	...	...
*	27·895	−13·424	0·90	...	...
...	27·780	−28·940	− 5	M	...
*	27·683	+41·684	0·95	45. 772	10·4
...	−27·504	− 0·286	− 5	M	...
...	27·333	− 5·479	− 5	M	...
...	27·195	−10·068	− 5	M	...
*	27·136	−54·432	1·05	46. 720	10·4
...	27·083	−41·762	0·90	46. 721	10·4
151–210					
151					
...	−26′898	−50′564	− 4	°M	...
...	26·827	+36·338	− 3	...	...
...	26·793	+22·662	− 3	...	...
...	26·764	−46·419	− 4	M	...
...	26·216	+14·372	0·75	...	...
...	−26·200	− 2·242	0·75	A	...
*	26·168	−13·759	1·00	46. 722	10·4
*	25·787	−50·858	0·95	...	...
...	25·778	− 0·466	− 5	M	...
...	25·707	−27·655	− 5	M	...
161					
...	−25·706	+ 0·587	− 5	M	...
...	25·239	−35·961	0·65	B	...
...	25·206	+27·723	0·70	...	...
*	25·114	−45·971	1·05	46. 723	9·8
...	25·042	− 3·877	− 5	M	...
*	−25·019	+31·080	1·40	45. 773	9·1
*	24·884	+56·458	1·60	45. 774	9·6
...	24·693	−24·027	− 5	M	...
...	24·497	+ 5·018	0·70	...	...
...	24·241	+58·779	− 5	...	...
171					
...	−24·215	−49·195	0·70	...	...
*	24·194	− 0·288	1·00	46. 724	10·14
...	23·542	−40·752	− 2	M	...
...	23·450	+53·216	− 5	M	...
S *	23·335	+44·326	3·80	45. 775	6·7
...	−22·900	+15·689	− 5	M	...
...	22·838	−10·922	0·70	B	...
†	22·640	−14·692	0·70	...	...
...	22·631	+31·845	0·65	...	...
...	22·514	−51·732	0·80	...	...
181					
...	−22·460	+34·039	0·65	...	...
...	22·217	− 5·180	− 5	M	...
*	22·024	−56·602	1·05	46. 726	10·2
...	21·982	+58·997	0·65	...	...
...	21·728	−33·311	0·70	...	...
...	−21·206	−54·960	− 5	M	...
*	21·152	−13·362	0·90	46. 727	10·4
...	20·858	+59·037	0·80	...	...
...	20·518	−12·026	0·80	...	...
...	20·339	+49·337	− 5	M	...
191					
*	−20·274	− 9·364	0·90	46. 728	10·4
...	19·767	+27·366	− 2	...	...
...	19·688	+48·561	− 5	...	...
*	19·544	+45·595	1·00	45. 776	10·1
...	19·486	+15·570	− 4	M	...
...	−19·447	+28·677	0·85	...	...
...	19·243	− 1·380	− 5	M	...
...	19·134	−42·390	− 3	M	...
...	18·841	+41·606	0·70	...	...
*	18·496	+ 0·692	1·30	45. 777	9·2
201					
...	−18·490	+27·870	− 4	...	...
...	17·845	+ 8·028	0·75	...	...
*	17·742	+ 9·686	0·95	45. 778	10·4
...	17·641	−16·617	0·70	B	...
...	17·604	+32·306	− 5	...	...
...	−17·550	+55·517	− 3	...	...
...	17·484	−40·387	− 4	M	...
...	17·445	−15·212	− 5	M	...
...	17·183	+ 4·334	− 4	...	...
*	16·945	+24·699	1·00	45. 779	10·2

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
211-270					
211					
...	−16′835	−23′877	− 5	°M	...
*	16·723	− 9·934	1·80	46. 729	9·0
...	16·389	+ 6·593	0·70	...	...
...	16·229	+32·856	0·75	...	...
†	15·942	−14·710	− 3	M	...
...	−15·815	+34·819	0·75	...	...
...	15·584	+14·865	− 5	...	...
...	15·576	+10·360	− 5	M	...
...	14·965	+21·447	− 5	...	...
...	14·718	+32·137	− 5	M	...
221					
...	−14·434	−15·954	− 2	...	...
†	14·367	+30·161	− 5	M	...
...	14·354	+53·872	0·95	45. 780	10·4
...	14·322	−41·185	− 1	...	...
...	14·133	−36·211	− 5	M	...
...	−14·120	+24·896	− 3	...	...
...	14·088	−16·892	− 4	M	...
*	13·991	+39·895	0·95	45. 781	10·4
...	13·946	−17·373	− 2	M	...
...	13·914	+48·204	− 5	...	...
231					
...	−13·413	−52·355	− 1	...	...
...	13·375	+ 7·191	− 5	M	...
...	13·054	+50·643	0·65	...	...
...	12·848	+53·263	− 3	A	...
...	12·757	−28·398	− 5	M	...
...	−12·703	+15·746	− 4	M	...
*	12·604	+54·087	1·10	45. 783	9·8
S*	12·542	+ 6·579	1·40	45. 782	9·2
...	12·412	−21·910	− 5	M	...
...	11·976	+42·386	− 5	M	...
241					
...	−11·840	+ 3·998	− 4	...	...
...	11·558	−59·294	0·65	...	...
...	11·475	−31·205	0·80	46. 730	10·4
...	11·464	+46·341	− 5	...	...
S*	11·422	−18·293	1·80	46. 731	8·8
...	−11·380	−31·259	− 5	M	...
...	11·354	−17·125	− 5	M	...
...	11·273	+45·054	− 4	...	...
...	11·185	+57·998	0·80	...	...
...	11·132	−50·368	− 3	M	...
251					
...	−10·966	− 0·369	0·65	...	...
...	10·921	−21·434	− 4	M	...
...	10·844	+41·733	0·75	...	...
...	10·495	+ 1·693	− 5	M	...
...	10·374	+ 3·074	− 2	...	...
...	−10·344	+46·280	− 5	M	...
...	10·310	−21·145	− 3	M	...
*	10·301	+13·400	1·05	45. 784	10·2
...	10·172	+39·734	− 3	...	...
...	10·092	+ 1·386	− 5	M	...
261					
...	−10·041	− 8·708	− 5	M	...
*	9·755	−37·452	0·90	46. 732	10·4
...	9·710	+52·208	0·65	...	...
...	9·699	−33·485	− 5	M	...
...	9·698	−52·648	− 5	M	...
...	− 9·507	+46·063	− 2	...	...
...	9·323	−45·287	− 4	M	...
†	9·304	−39·609	− 4	M	...
*	9·090	−41·553	0·90	46. 733	10·4
...	8·988	−53·818	− 5	M	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
271-330					
271					
†	− 8′748	+45′151	− 4	° ...	...
...	8·428	− 7·693	0·90	46. 734	10·4
*	8·276	+33·144	0·85	...	...
...	8·241	+49·883	− 2	...	...
*	8·227	−51·738	0·95	46. 735	10·4
...	− 7·992	+58·333	− 4	M	...
...	7·885	+43·456	0·70	...	...
...	7·784	−54·297	− 5	M *m*	...
...	7·730	+17·950	− 2	...	...
*	7·620	−32·031	0·90	46. 736	10·2
281					
...	− 7·328	+49·736	− 5	...	...
...	7·184	−28·974	− 5	M *m*	...
*	7·115	− 7·365	1·10	46. 737	9·8
...	6·571	+17·272	− 5	M *m*	...
...	6·326	+57·915	0·90	45. 785	10·4
...	− 6·178	+19·322	− 4	...	...
...	5·867	+23·612	− 4	*m*	...
...	5·415	+43·286	− 2	...	...
...	5·246	+19·839	0·70	...	...
...	5·228	+36·285	− 5	...	...
291					
...	− 5·139	−25·036	0·75	...	...
...	4·662	− 2·654	− 5	M *m*	...
...	4·601	−22·693	0·65	...	...
...	4·471	+ 8·760	− 1	...	...
...	4·216	−40·307	− 5	M *m*	...
...	− 3·603	−25·429	− 5	M *m*	...
...	3·513	−17·957	− 1	...	...
†	3·249	−39·627	− 2	*m*	...
...	3·140	+51·286	− 5	...	...
...	2·804	−34·354	− 5	M *m*	...
301					
...	− 2·742	+11·375	− 3	M *m*	...
...	2·715	+16·711	− 5	M *m*	...
...	2·520	−26·444	− 4	M *m*	...
...	2·463	+33·464	− 5	M *m*	...
...	2·318	−15·058	0·65	*m*	...
...	− 1·874	+47·877	− 5	*m*	...
...	1·570	+46·978	− 3	...	...
...	1·245	−29·132	− 3	M *m*	...
...	1·166	+45·753	− 2	...	...
...	1·031	+13·808	− 4	M *m*	...
311					
*	− 0·714	−51·546	1·30	46. 738	9·6
...	0·611	+35·600	− 4	M *m*	...
...	0·551	+28·584	− 3	...	...
*	0·319	−40·711	1·15	46. 739	10·0
...	0·199	−44·472	0·70	...	...
...	− 0·130	+26·258	0·65	...	...
...	− 0·005	+41·076	− 2	...	...
...	+ 0·464	−14·114	− 5	M *m*	...
...	0·839	+34·445	0·65	...	...
...	0·909	− 9·463	0·80	...	...
321					
*	+ 1·180	−23·118	0·90	46. 740	10·4
...	1·313	−24·475	− 4	M *m*	...
...	1·322	+35·853	0·65	...	...
...	1·399	+ 3·851	− 1	*m*	...
...	1·465	+39·105	− 5	*m*	...
...	+ 1·743	+40·445	0·70	...	...
...	1·790	+33·819	0·65	...	...
*	1 888	+ 5·100	0·90	45. 786	10·4
...	2·110	+13·177	− 5	M *m*	...
...	2·373	+33·659	− 1	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
331-390					
331					
...	+ 2′423	+42′521	0·70	° ...	...
...	2·708	−53·208	− 5	M *m*	...
*	3·142	−15·252	1·05	46. 741	9·8
...	3·389	+13·402	− 4	*m*	...
...	3·536	+47·145	− 4	M *m*	...
...	+ 3·793	+41·895	0·75	...	...
*	3·982	− 5·381	0·90	46. 742	10·4
...	3·997	+30·346	− 5	M *m*	...
*	4·226	−31·631	0·90	46. 743	10·4
...	4·307	− 8·876	0·65	M *b*	...
341					
...	+ 4·316	+17·224	0·70	...	...
...	4·362	+ 7·228	− 5	M *m*	...
...	4·392	−29·939	− 4	M *m*	...
...	4·456	−31·936	− 2	M *m*	...
...	4·645	+35·924	− 5	M *m*	...
...	+ 4·739	−19·936	− 5	M *m*	...
...	4·924	+ 0·178	0·75	M *f*	...
...	4·977	+31·167	− 5	M *m*	...
*	5·018	+15·884	0·95	45. 787	10·4
...	5·025	+40·214	− 5	M *m*	...
351					
...	+ 5·244	+48·576	− 4	...	...
...	5·413	+11·221	0·70	...	...
†	5·713	−44·557	− 4	M *m*	...
S*	5·840	+58·012	2·30	45. 788	8·2
...	5·864	+31·873	0·80	...	...
...	+ 5·896	+33·855	0·65	...	...
...	6·217	− 5·121	− 5	M *m*	...
...	6·304	−10·642	− 2	M *m*	...
‡	6·428	−54·515	0·95	...	...
...	6·499	+ 8·827	0·65	...	...
361					
...	+ 6·527	+46·087	− 5	...	...
...	6·550	+52·133	− 4	*m*	...
...	6·573	+51·636	− 1	...	...
*	6·595	+43·352	1·00	...	...
...	6·610	− 9·276	− 4	M *m*	...
...	+ 6·648	+27·210	− 3	*m*	...
...	6·659	−35·584	− 3	M *m*	...
*	6·772	−13·394	0·90	46. 744	10·4
...	6·863	−49·281	− 5	M *m*	...
...	6·886	− 0·234	− 4	M *m*	...
371					
...	+ 7·075	−42·545	0·70	M *b*	...
...	7·201	+52·052	− 5	*m*	...
*	7·226	−13·059	1·05	46. 745	9·8
...	7·305	−49·996	− 5	M *m*	...
...	7·340	+41·801	0·65	...	...
...	+ 7·574	+42·424	− 5	*m*	...
*	7·978	+59·464	2·60	45. 789	7·8
...	8·099	−26·537	− 4	*m*	...
...	8·699	−34·031	− 4	*m*	...
*	8·825	+33·906	0·85	...	...
381					
...	+ 9·145	+19·257	− 4	...	...
...	9·160	−26·538	− 5	*m*	...
*	9·167	−44·063	0·95	...	...
*	9·176	−45·809	0·95	...	...
...	9·268	−16·744	− 5	*m*	...
...	+ 9·349	−30·400	− 5	*m*	...
...	9·422	+23·672	− 4	*m*	...
...	9·536	+ 3·976	0·75	...	...
...	9·656	+49·829	0·80	...	...
...	10·119	−18·975	− 4	*m*	...

Notes.	Co-ordinates x.	Co-ordinates y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
391-450					
391	′	′		°	
*	+10·276	+32·960	0·95	...	...
...	10·440	− 6·165	− 3	*m*	...
*	10·503	−12·600	1·00	46. 746	10·4
...	10·533	+41·725	0·80	...	...
...	10·870	+33·887	− 4	...	...
*	+10·962	+40·994	1·00	...	...
...	10·980	−58·278	0·80	...	...
...	11·002	− 7·043	− 3	*m*	...
...	11·143	−13·725	0·80	...	...
...	11·361	−43·217	0·75	...	...
401					
...	+11·396	+54·212	0·90	...	...
...	11·460	−33·966	− 3	*m*	...
...	11·689	− 8·288	0·70	*b*	...
...	11·778	−41·883	− 5	*m*	...
...	12·151	−13·759	− 3	*m*	...
...	+12·462	−45·385	− 5	*m*	...
...	12·777	+25·563	− 5	*m*	...
...	12·834	−36·773	− 5	*m*	...
*	13·008	−51·454	0·90	...	...
...	13·100	+40·467	− 5	*m*	...
411					
...	+13·221	+19·527	− 5	*m*	...
...	13·525	−31·531	− 3	*m*	...
*	13·547	+21·374	0·90	...	...
*	13·581	+57·474	1·10	45. 790	10·4
...	13·765	−10·689	− 5	*m*	...
*	+13·870	+18·841	0·90	...	...
*	13·895	+26·719	1·00	45. 791	10·0
...	13·959	−55·387	− 5	*m*	...
...	14·146	−41·537	− 3	*m*	...
...	14·147	+23·286	0·65	...	...
421					
*	+14·240	+59·216	1·60	45. 792	9·6
...	14·482	−18·386	0·70	*a*	...
†	15·029	+17·737	0·70	...	...
*	15·182	− 9·137	0·90	46. 748	10·2
*	15·312	− 1·745	1·50	46. 747	9·5
...	+15·520	+43·504	− 5	*m*	...
...	15·677	+15·948	− 3	...	...
...	15·711	+29·618	0·75	...	...
...	15·713	+ 0·768	− 4	*m*	...
*	15·769	−34·442	0·80	...	...
431					
...	+15·901	−12·518	− 3	*m*	...
...	15·949	+ 2·080	− 4	*m*	...
...	15·996	+25·668	− 5	...	...
*	16·520	−13·509	0·85	...	...
...	16·667	+55·790	− 5	*m*	...
...	+17·172	−12·158	− 2	...	...
...	17·185	−34·305	− 5	*m*	...
...	17·227	+39·796	− 4	...	...
*	17·251	+41·049	1·50	45. 793	9·1
...	17·340	+14·281	− 3	...	...
441					
...	+17·361	+58·186	0·80	...	...
...	17·529	+30·937	− 5	...	...
...	17·703	+21·213	− 5	...	...
...	17·766	−38·503	− 5	*m*	...
...	17·801	−13·244	− 2	...	...
...	+17·808	−48·255	− 3	*m*	...
...	18·458	−46·810	− 5	*m*	...
...	18·491	+42·743	0·90	...	...
...	18·834	+ 1·675	− 2	...	...
*	18·967	+36·187	1·45	45. 794	9·4

Notes.	Co-ordinates x.	Co-ordinates y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
451-510					
451	′	′		°	
...	+19·412	+14·033	− 2	...	...
...	19·720	+33·063	− 2	...	...
...	19·791	+ 9·324	− 4	...	...
...	19·820	+23·285	− 4	...	...
...	19·843	−38·391	− 5	*m*	...
...	+20·251	−26·423	− 5	*m*	...
*	20·268	−40·512	0·90	46. 749	10·4
*	20·330	−52·936	0·85	...	...
...	20·657	−40·519	0·75	...	...
...	20·808	+43·943	− 4	...	...
461					
...	+20·832	−17·918	− 5	*m*	...
...	20·837	−50·931	− 1	...	...
*	20·942	−51·684	0·85	...	...
...	20·964	+41·229	− 4	...	...
...	20·971	+51·485	0·80	...	...
*	+21·149	−58·801	1·80	46. 750	8·8
...	21·465	+ 5·141	− 2	...	...
...	21·527	− 3·128	− 5	*m*	...
...	21·549	− 4·351	− 4	*m*	...
...	21·568	−30·646	− 5	*m*	...
471					
...	+21·574	−38·877	− 1	*b*	...
*	21·918	−52·868	0·90	...	...
...	21·978	−48·297	− 5	*m*	...
...	22·065	+48·067	− 5	*m*	...
...	22·123	−12·682	0·65	...	...
...	+22·334	−35·719	− 2	*m*	...
...	22·589	−53·479	− 5	*m*	...
...	22·768	−36·434	− 5	*m*	...
...	23·013	+15·313	− 4	*m*	...
...	23·118	+ 7·054	− 3	...	...
481					
...	+23·250	+52·543	− 1	...	...
*	23·393	+24·378	0·90	45. 795	10·2
...	23·464	−27·863	− 4	*m*	...
*	23·574	+10·598	0·85	45. 796	10·4
†	23·842	−49·626	0·65	...	...
*	+23·846	− 0·320	0·90	45. 797	10·4
...	23·854	+34·874	− 4	...	...
...	23·924	−33·141	− 5	*m*	...
*	24·207	−17·449	1·10	46. 751	9·8
...	24·306	−33·448	− 4	*m*	...
491					
...	+24·463	−18·899	− 5	*m*	...
...	24·791	−34·966	− 5	*m*	...
*	25·201	+13·905	0·80	...	...
...	25·515	−14·513	− 5	*m*	...
...	26·083	− 2·122	− 4	*m*	...
...	+26·156	− 8·903	0·65	...	...
...	26·193	−48·012	0·80	...	...
...	26·546	+46·980	− 4	...	...
...	26·959	−34·132	− 5	*m*	...
*	26·970	−39·183	0·85	...	...
501					
...	+27·526	−36·078	0·75	...	...
...	27·586	+28·089	− 4	...	...
...	27·727	−33·340	− 2	...	...
...	27·858	+ 2·752	− 1	...	...
...	27·944	− 0·294	− 4	*m*	...
...	+28·142	−39·893	− 4	*m*	...
...	28·544	+27·895	− 3	*m*	...
*	28·735	− 1·547	0·90	46. 752	10·4
*	28·869	− 4·078	0·90	...	...
...	28·955	+14·764	− 5	*m*	...

Notes.	Co-ordinates x.	Co-ordinates y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
511-570					
511	′	′		°	
...	+29·176	+12·235	− 2	...	...
...	29·427	+44·771	0·70	...	...
...	29·502	− 3·080	− 5	*m*	...
S *	29·790	− 6·014	2·20	46. 753	8·3
...	29·794	−44·337	− 1	...	...
...	+29·816	−40·336	− 3	*m*	...
...	29·830	+20·345	− 2	...	...
...	29·901	−39·077	− 2	*m*	...
...	30·133	−48·341	− 3	*m*	...
...	30·230	−12·466	0·70	*a*	...
521					
*	+30·289	−56·869	1·00	46. 754	10·4
*	30·644	+23·872	1·10	45. 798	10·0
*	30·774	−49·679	0·95	...	...
S *	30·945	−51·593	1·70	46. 755	8·8
...	30·987	−51·041	0·90	...	...
S *	+31·033	+ 5·951	1·50	45. 799	9·1
...	31·114	+47·959	− 5	*m*	...
...	31·558	−21·003	− 5	*m*	...
...	32·509	+11·310	− 1	...	...
...	32·526	−19·376	− 5	*m*	...
531					
...	+32·931	−55·964	− 4	*m*	...
*	33·423	+11·676	0·90	...	...
*	33·486	−22·056	0·90	...	...
...	33·662	−32·878	− 5	*m*	...
...	34·034	−41·289	− 4	*m*	...
...	+34·037	+33·888	0·65	...	...
...	34·208	−51·229	− 5	*m*	...
...	34·295	−38·859	− 5	*m*	...
...	34·336	−58·662	− 4	...	...
*	34·343	+41·114	0·85	...	...
541					
*	+34·460	−30·645	0·85	...	...
...	34·665	+31·837	− 5	...	...
...	34·712	−39·966	− 4	*m*	...
...	34·812	+11·842	− 5	*m*	...
*	35·054	−28·997	0·90	...	...
...	+35·267	+38·631	0·70	...	...
...	35·342	+53·773	0·75	...	...
*	35·730	+36·447	1·00	45. 800	10·4
...	35·971	+13·318	− 5	*m*	...
...	36·020	−45·289	− 4	*m*	...
551					
...	+36·475	−21·573	0·65	...	...
...	36·523	+22·979	− 5	*m*	...
...	36·637	+35·924	0·80	...	...
...	36·643	+46·593	0·65	...	...
...	36·667	−16·005	− 4	*m*	...
...	+36·793	+16·044	0·75	...	...
...	37·412	−17·720	− 5	*m*	...
...	37·566	+25·774	− 5	*m*	...
...	37·573	−49·819	− 2	*m*	...
...	37·858	+30·348	− 4	...	...
561					
...	+38·079	+23·046	0·65	...	...
...	38·084	−13·565	− 5	*m*	...
...	38·536	+ 1·201	0·65	...	...
...	38·763	−48·761	− 2	*m*	...
...	38·827	+14·246	− 5	*m*	...
...	+38·885	− 0·498	− 2	*m*	...
...	39·424	+21·607	− 4	...	...
...	39·611	+ 8·246	− 5	*m*	...
...	39·689	−47·340	− 3	*m*	...
...	40·033	−57·920	− 3	*m*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
571-620					
571					
...	+40·036	+53·387	− 3	...	...
...	40·108	+22·387	− 4	...	...
...	40·116	+34·408	− 5	*m*	...
...	40·198	+50·953	− 5	...	...
...	40·301	−26·264	− 2	*m*	...
...	+40·308	−26·913	− 5	*m*	...
...	40·879	+34·894	− 4	*m*	...
...	41·034	−29·059	0·75	*a*	...
S *	41·109	+46·056	1·50	45. 801	9·0
...	41·209	+24·908	− 5	*m*	...
581					
...	+41·224	+31·110	− 1	...	...
...	41·498	+24·936	− 2	...	...
...	41·632	+11·829	− 5	*m*	...
...	41·709	−59·267	− 5	*m*	...
*	41·712	+21·713	0·80	...	...
*	+41·908	+50·810	1·40	45. 802	9·8
*	41·916	+18·347	0·90	45. 803	10·2
...	42·035	+31·967	− 5	*m*	...
...	42·051	+ 9·591	− 5	*m*	...
...	42·095	+26·987	− 5	*m*	...
591					
...	+42·459	+33·544	− 5	*m*	...
...	42·531	+33·657	− 5	...	...
...	42·592	+41·512	− 4	...	...
*	42·978	+57·806	1·00	45. 804	10·2
...	43·099	+39·231	− 5	...	...
...	+43·125	+ 0·887	− 5	*m*	...
...	43·426	− 1·114	− 2	*m*	...
...	43·480	−16·825	− 2	*m*	...
...	43·501	+52·818	0·70	...	...
...	43·858	+15·922	− 4	...	...
601					
...	+44·043	−25·175	0·70	*e*	...
...	44·219	− 6·211	− 5	*m*	...
*n**	44·474	+28·712	1·00	45. 805	10·2
...	44·624	−30·081	0·65	*e*	...
*	44·716	+28·720	0·85	45. 805	10·2
...	+44·730	+10·364	0·65	...	...
...	44·738	+10·559	− 5	*m*	...
...	44·871	−21·964	0·65	*e*	...
...	45·106	−14·581	− 5	*e*	...
...	45·185	−46·240	− 5	*e*	...
611					
...	+45·225	+19·823	0·75	...	...
...	45·577	+24·064	− 5	...	...
...	45·663	−30·878	− 3	*e*	...
*	45·852	−35·747	0·80	46. 757	10·2
...	46·093	−28·876	− 5	*e*	...
...	+46·188	+ 8·546	− 2	...	...
...	46·362	− 7·038	− 5	*e*	...
*	46·649	+12·358	1·25	45. 806	9·4
...	46·871	− 5·449	− 5	*e*	...
...	47·244	+ 2·457	− 2	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
621-670					
621					
...	+47·306	− 3·901	− 5	*e*	...
...	47·497	+ 8·733	− 5	*e*	...
...	47·748	− 3·038	0·70	...	...
...	47·982	−33·715	− 4	*e*	...
S *	47·984	−20·839	1·50	46. 759	8·8
...	+48·142	−18·613	− 5	*e*	...
N *	48·161	− 9·307	0·80	46. 758	9·6
N *	48·164	− 9·258	0·90		
...	48·448	−36·997	− 4	*e*	...
...	48·522	−33·452	− 5	*e*	...
631					
...	+48·630	−37·291	− 3	*e*	...
...	48·722	+18·606	0·65	...	...
...	48·796	−34·153	0·65	...	...
...	48·867	−15·454	0·65	...	...
...	49·400	− 8·810	− 5	*e*	...
...	+49·476	−36·966	− 4	*e*	...
...	49·720	+46·692	0·70	45. 807	10·2
...	50·069	+ 8·223	− 3	...	...
...	50·297	+50·356	0·70	...	...
...	50·478	−40·141	− 5	*e*	...
641					
...	+50·531	−43·998	0·70	...	...
*	50·780	+27·900	0·90	45. 808	10·2
...	50·801	+30·717	− 5	...	...
...	50·898	+ 8·524	− 5	...	...
...	51·340	−48·654	− 3	*e*	...
...	+51·529	+ 0·537	− 5	*m*	...
...	51·642	−15·135	− 3	*e*	...
...	51·763	− 2·933	− 1	...	...
...	52·423	−28·031	− 5	*e*	...
...	52·570	+41·314	− 4	...	...
651					
...	+52·680	+ 8·487	− 5	*e*	...
*	52·908	+ 3·115	1·60	45. 809	9·1
...	52·956	+51·513	− 5	...	...
*	52·969	−38·293	1·60	46. 760	9·2
...	53·085	−20·773	− 2	...	...
...	+53·128	+55·407	0·65	...	...
...	53·155	−52·784	− 1	...	...
* [	53·547	−39·505	1·30	46. 761	9·5
...	53·842	−25·479	− 2	...	...
...	54·234	+44·269	− 2	...	...
661					
...	+54·272	−46·364	− 5	*e*	...
*	54·318	+ 9·480	0·80	...	...
...	54·417	−53·044	0·90	46. 762	10·0
...	54·563	− 8·939	− 4	*e*	...
...	55·350	−36·246	− 5	*e*	...
*	+55·528	−39·002	1·30	46. 763	9·6
...	55·534	−38·412	− 5	*e*	...
...	55·543	−32·525	− 3	*e*	...
...	55·579	−24·090	0·70	...	...
...	55·620	− 0·314	0·65	*e*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
671-693					
671					
...	+55·736	−36·233	0·80	46. 764	10·2
...	56·188	+31·283	− 4	...	...
*	56·314	+16·362	0·90	45. 810	10·0
...	56·534	−32·785	− 3	*e*	...
...	56·716	+ 1·553	− 5	*e*	...
...	+56·909	+18·843	− 2	...	...
...	57·015	−19·755	− 4	*e*	...
...	57·219	+21·681	− 4	...	...
...	57·246	+43·943	0·70	...	...
...	57·438	−35·339	− 5	*e*	...
681					
...	+57·728	−25·868	− 3	*e*	...
...	57·962	+43·400	0·70	...	...
...	58·153	+14·899	− 5	...	...
...	58·223	+29·162	0·70	...	...
S *	58·295	−44·764	1·60	46. 765	9·1
...	+58·737	+19·792	− 4	...	...
...	58·845	+53·552	− 5	...	...
...	59·377	+ 9·397	0·85	45. 812	10·2
...	59·398	−46·105	0·65	...	...
...	59·543	+42·709	− 3	...	...
691					
...	+59·563	+17·302	− 5	...	...
...	59·645	+44·432	0·80	45. 811	10·2
...	59·681	+31·118	− 3	...	...

603, 605. C.P.D., probably mass.

627, 628, 46°·39, mass; 47°·38, two stars.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
1-60					
1					
†	−59·998	−34·448	− 5	M	...
...	59·825	+10·143	− 3	...	...
...	59·817	− 6·459	− 5	M	...
...	59·626	+19·601	0·80	...	...
...	59·420	+23·857	− 3	...	...
...	−59·394	−25·428	− 3	E	...
...	58·796	−14·699	− 4	M	...
...	58·677	−14·802	− 4	E	...
...	58·671	−30·309	− 1	E	...
...	58·669	+ 7·697	− 5	M	...
11					
...	−58·661	−22·182	− 2	E	...
...	58·321	+ 8·356	− 1	...	...
...	58·099	+14·589	− 5	M	...
*	57·962	+12·182	1·20	45. 806	9·4
...	57·844	−59·819	− 3	M	...
...	−57·696	+42·325	− 5	M	...
...	57·652	− 7·214	− 5	E	...
...	57·590	−31·087	− 2	E	...
...	57·571	−46·456	− 4	E	...
*	57·250	−35·933	0·90	46. 757	10·2
21					
...	−57·233	−29·069	− 5	E	...
...	57·192	− 5·618	− 3	E	...
...	57·050	+ 2·301	− 1	...	...
...	57·008	+ 8·593	− 4	E	...
...	56·793	− 4·061	− 4	E	...
...	−56·390	+43·909	− 5	...	...
...	56·377	− 3·174	0·80	...	...
...	56·330	−10·036	− 5	M	...
...	56·093	+18·499	0·65	...	...
...	55·957	+46·608	0·90	45. 807	10·2
31					
N *	−55·763	− 9·403	1·00	46. 758	9·6
S *	55·584	−20·961	1·80	46. 759	8·8
...	55·498	+50·277	0·85	...	...
...	55·487	−18·734	− 4	E	...
...	55·185	−33·840	− 3	E	...
*	−54·880	−15·549	0·80	...	...
...	54·675	−33·555	− 5	E	...
...	54·620	+37·112	− 2	E	...
...	54·558	− 8·880	− 4	E	...
...	54·431	−37·394	− 2	E	...
41					
...	−54·427	+ 8·148	− 1	...	...
...	54·407	+30·666	− 4	...	...
...	54·362	−34·243	0·80	...	...
*	54·324	+27·853	1·00	45. 808	10·2
...	54·278	+47·771	− 5	M	...
...	−54·012	+47·185	− 4	...	...
...	53·618	+49·656	− 5	M	...
...	53·608	+ 8·483	− 4	...	...
...	53·592	−37·031	− 1	E	...
...	53·420	−31·839	− 5	M	...
51					
...	−52·941	+41·303	− 2	...	...
...	52·893	+51·521	− 4	...	...
...	52·833	+55·425	0·80	...	...
...	52·726	−34·697	− 5	M	...
...	52·612	+44·083	− 4	M	...
...	−52·498	−40·190	− 3	E	...
...	52·434	−30·562	− 5	M	...
...	52·378	− 2·949	− 1	...	...
...	52·314	−44·047	0·85	...	...
...	52·123	−15·163	− 2	E	...
61-120					
61					
...	−52·081	+43·189	− 5	M	...
...	51·832	+ 8·496	− 4	E	...
...	51·698	−29·281	− 5	M	...
...	51·695	+38·201	− 5	M	...
*	51·410	+ 3·135	1·50	45. 809	9·1
...	−51·400	+44·326	0·65	...	...
...	51·344	−48·682	− 2	E	...
...	50·916	−28·023	− 4	E	...
...	50·478	−20·736	− 1	...	...
‡	50·212	+ 9·549	0·85	...	...
71					
‡	−50·036	−38·255	1·60	46. 760	9·2
...	49·801	−32·206	− 5	M	...
...	49·593	−25·410	− 1	...	...
*	49·423	−39·449	1·40	46. 761	9·5
...	49·412	−52·739	0·80	...	...
...	−49·406	+24·268	− 5	M	...
...	49·389	− 8·858	− 4	E	...
...	49·335	+22·479	− 3	...	...
...	49·245	+25·504	− 5	M	...
...	49·028	+31·396	0·65	...	...
81					
...	−48·771	−40·982	− 4	M	...
...	48·662	+37·631	− 4	...	...
...	48·605	− 0·201	0·65	E	...
...	48·517	−46·264	− 4	E	...
...	48·490	+40·550	− 5	M	...
...	−48·461	+10·097	− 5	M	...
*	48·425	+16·483	0·95	45. 810	10·0
...	48·362	+44·082	0·85	...	...
*	48·128	−52·949	1·00	46. 762	10·0
...	47·923	+18·994	− 1	...	...
91					
*	−47·883	−23·972	0·85	...	...
...	47·878	−56·947	− 5	M	...
...	47·817	−39·592	− 5	M	...
...	47·758	−36·144	− 4	E	...
...	47·694	+21·833	− 3	...	...
...	−47·666	−32·419	− 1	E	...
...	47·640	+43·565	0·85	...	...
...	47·561	+ 1·693	− 4	E	...
...	47·498	−38·295	− 3	E	...
N *	47·471	−38·887	1·30	46. 763	9·6
101					
*	−47·346	−36·112	0·90	46. 764	10·2
...	47·040	+53·759	− 4	...	...
*	46·933	+29·348	0·85	...	...
...	46·654	−32·644	− 1	E	...
...	46·602	−19·600	− 3	E	...
...	−46·538	+15·089	− 4	...	...
...	46·363	+26·389	− 5	...	...
...	46·126	+19·991	− 1	...	...
...	46·096	−41·014	− 4	M	...
...	46·049	−52·257	− 5	M	...
111					
...	−46·024	+42·921	− 1	...	...
*	45·972	+44·654	0·95	45. 811	10·2
...	45·957	−58·069	− 5	M	...
...	45·747	−33·859	− 5	M	...
...	45·684	−25·685	− 2	E	...
...	−45·664	−35·166	− 3	E	...
...	45·529	+31·342	0·70	...	...
...	45·448	−28·797	− 5	M	...
†	45·226	+17·530	− 3	...	...
‡	45·147	+ 9·629	1·00	45. 812	10·2
121-180					
121					
...	−45·138	+46·331	− 5	...	...
...	44·844	−50·591	− 5	M	...
...	44·780	+45·633	− 4	...	...
...	44·589	+15·122	0·90	...	...
S *	44·535	−44·552	1·80	46. 765	9·1
‡	−44·451	+29·884	0·85	45. 813	10·2
...	44·424	+30·713	− 5	M	...
...	44·354	+26·417	− 4	...	...
...	43·764	− 9·179	− 5	M	...
...	43·624	− 3·968	0·90	...	...
131					
...	−43·550	+30·638	− 5	M	...
...	43·525	+ 4·086	− 5	M	...
...	43·448	+41·001	− 5	...	...
...	43·389	−45·853	0·95	...	...
...	43·264	−51·408	− 5	M	...
...	−43·085	−15·730	− 5	M	...
*	42·986	−25·265	1·00	46. 766	10·0
...	42·780	−27·354	− 5	M	...
...	42·091	+21·340	− 5	M	...
...	42·059	+10·342	− 5	M	...
141					
...	−42·050	+22·158	− 5	M	...
...	41·887	−30·274	− 3	M	...
...	41·884	−59·606	− 3	M	...
...	41·792	+26·202	0·70	...	...
...	41·648	+18·927	− 4	...	...
...	−41·614	+37·971	0·90	...	...
...	41·578	+50·046	− 5	M	...
*	41·546	−21·651	1·00	46. 767	10·2
*	41·525	+21·281	1·00	45. 814	10·2
...	41·384	−51·968	− 4	M	...
151					
...	−41·307	− 7·567	0·80	A	...
...	41·289	−21·810	0·85	...	...
...	41·154	−50·893	− 5	M	...
*	41·060	−17·857	1·00	46. 768	10·0
...	40·972	−16·524	− 5	M	...
...	−40·954	−26·509	− 5	M	...
...	40·466	−53·390	− 4	M	...
S ‡	40·184	+ 8·768	1·90	45. 815	8·8
...	40·048	−12·991	− 5	M	...
...	39·899	−23·514	− 2	B	...
161					
...	−39·777	− 3·983	− 2	M	...
...	39·677	− 2·149	− 5	M	...
...	39·667	−14·706	− 5	M	...
*	39·652	+55·867	1·05	45. 816	10·2
*	39·644	−33·387	1·15	46. 769	9·8
...	−39·582	−21·477	− 2	M	...
...	39·169	+ 6·833	− 2	...	...
*	38·998	+14·351	1·15	45. 817	9·4
...	38·910	+19·929	− 5	M	...
...	38·800	−11·003	− 2	M	...
171					
...	−38·593	−37·050	0·90	...	...
*	38·286	+26·218	1·15	45. 818	9·6
...	38·166	−16·858	0·90	...	...
...	37·403	+31·427	− 5	...	...
...	37·252	−56·522	0·70	A	...
...	−37·044	−27·836	− 2	M	...
...	36·787	+19·379	− 3	...	...
...	36·643	−33·093	− 2	M	...
...	36·624	−43·786	− 4	M	...
...	36·531	−36·518	− 5	M	...

MC measured from 1, 228, 438, 657.
L ,, ,, 120, 341, 541, 764.

31. Mass, 46°·38, 47°·38, two stars.
100. Obscures 2nd image of 99.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
181-240					
181					
*	−36′·498	+30′·020	1·10	45° 819	9·8
...	36·269	+ 6·221	− 1	...	...
...	35·954	+42·380	− 5	...	...
...	35·766	+ 2·682	0·75	...	...
†	35·297	+34·643	0·90	...	...
‡	−35·189	− 5·967	1·15	46. 770	9·6
...	35·045	+56·868	− 1	...	...
...	35·004	−33·522	− 4	M	...
...	34·844	−37·091	− 5	M	...
...	34·582	−47·109	− 4	M	...
191					
...	−34·492	+31·637	− 4	...	...
...	34·441	−17·674	0·65	B	...
...	34·391	+ 8·133	0·95	...	...
*	34·206	+ 4·761	1·10	45. 820	9·6
...	33·905	+34·187	− 2	...	...
...	−33·723	−58·265	− 5	M	...
...	33·717	−20·216	− 4	M	...
...	33·697	−59·072	− 5	M	...
...	33·688	−43·869	− 3	M	...
...	33·356	+41·142	0·80	...	...
201					
*	−33·334	−30·646	0·95	...	...
...	33·298	−57·085	− 5	M	...
...	33·129	+45·066	− 3	...	...
...	32·953	+13·268	− 5	...	...
...	32·826	+13·209	− 2	...	...
...	−32·769	−56·056	− 2	M	...
...	32·693	−43·712	− 3	M	...
...	32·658	−38·722	0·75	...	...
...	32·609	−14·993	0·80	...	...
...	32·609	−32·959	0·90	...	...
211					
...	−32·520	−32·075	− 3	M	...
...	32·483	−48·632	− 5	M	...
...	32·438	+13·116	− 5	M	...
*	31·969	− 0·456	1·00	45. 821	9·9
...	31·734	+ 1·138	− 5	M	...
*	−31·520	+57·372	1·20	45. 823	9·6
*	31·403	+ 1·503	2·20	45. 822	9·0
...	31·274	−51·808	− 4	M	...
...	31·208	+42·081	− 3	...	...
...	31·150	+46·871	− 5	M	...
221					
...	−31·125	− 6·772	0·85	46. 771	10·2
...	31·001	+ 2·420	− 4	...	...
...	30·762	+46·138	− 5	...	...
*	30·710	+18·069	1·20	45. 824	9·8
...	30·700	+24·542	− 3	...	...
...	−30·432	−32·795	− 5	M	...
‡	30·225	−29·171	1·00	46. 772	9·8
*	30·057	+32·911	0·85	...	...
‡	29·991	+29·838	1·20	45. 825	9·5
*	29·943	−20·483	1·00	46. 773	9·8
231					
...	−29·759	+46·849	− 4	...	...
...	29·272	+41·251	− 3	...	...
*	29·248	−46·718	0·95	...	...
...	29·206	−40·207	− 4	M	...
...	29·108	+ 7·998	− 4	...	...
...	−28·928	+27·103	− 4	...	...
*	28·909	−30·511	0·85	46. 774	10·2
...	28·769	−26·704	− 2	M	...
...	28·697	+ 3·737	− 5	M	...
...	28·648	+32·953	0·75	...	...
241-300					
241					
*	−28′·597	− 0′·634	1·20	46° 775	9·6
...	28·433	− 9·347	− 4	M	...
...	28·224	−32·170	− 5	M	...
...	28·193	+13·526	− 2	...	...
...	27·945	+58·871	− 4	...	...
...	−27·809	−13·691	− 3	M	...
...	27·735	+10·579	− 4	...	...
...	27·460	+20·893	− 5	M	...
*	27·306	− 2·968	0·90	...	...
*	27·027	− 3·422	2·40	46. 776	8·2
251					
...	−26·685	−50·837	− 3	M	...
*	26·588	+55·085	0·90	45. 826	10·2
...	26·582	+40·383	− 2	...	...
...	26·396	+33·764	− 5	M	...
*	26·236	−43·214	1·00	46. 777	10·0
...	−26·001	−12·396	− 5	M	...
...	25·933	−39·418	− 2	M	...
...	25·906	+25·981	− 5	M	...
...	25·783	− 1·727	− 4	M	...
...	25·672	+41·992	− 3	...	...
261					
...	−25·613	+54·501	− 4	...	...
...	25·539	−36·022	− 5	M	...
†	25·382	−35·052	− 2	...	...
...	25·373	+10·677	0·80	...	...
*	25·267	−15·351	0·75	...	...
*	−25·255	−35·756	1·10	46. 778	9·6
...	25·236	−31·710	− 1	...	...
...	24·889	+ 6·654	0·85	45. 827	10·2
...	24·727	−41·886	0·65	...	...
*	24·570	−34·298	1·60	46. 779	9·0
271					
...	−24·356	−29·011	− 5	M	...
...	24·222	−41·763	− 5	M	...
...	24·097	+50·150	0·65	...	...
...	24·089	−25·991	− 1	...	...
*	24·003	− 9·929	1·00	46. 780	9·9
...	−23·873	+52·952	− 4	...	...
...	23·853	+48·573	− 5	M	...
...	23·812	+58·980	− 5	M	...
*	23·795	+30·864	0·90	45. 828	10·0
...	23·463	+45·469	− 2	...	...
281					
...	−23·330	−19·255	0·85	46. 781	10·2
...	23·156	+49·979	− 1	...	...
...	23·106	+50·416	− 3	...	...
...	23·094	+50·372	− 1	...	...
‡	22·994	−20·014	1·00	46. 782	9·8
*	−22·571	−34·843	0·95	46. 783	10·0
...	22·451	− 9·860	− 3	M	...
*	22·447	−30·369	0·80	...	...
...	22·437	+31·893	− 5	...	...
...	21·973	−29·223	− 4	M	...
291					
...	−21·960	+27·012	− 3	...	...
...	21·907	−22·245	− 5	M	...
...	21·900	+46·348	− 2	...	...
*	21·509	−37·915	2·50	46. 784	8·2
...	21·498	−17·144	− 5	M	...
...	−21·468	−43·993	0·75	B	...
...	21·037	+13·704	0·80	45. 829	10·2
*	20·791	−55·431	1·60	46. 785	9·4
...	20·518	−43·750	− 4	M	...
...	20·473	+ 8·614	− 4	...	...
301-360					
301					
...	−20′·406	+ 7′·955	− 4	° ...	...
...	20·404	+54·145	− 4	...	...
...	20·270	−23·018	− 4	M	...
...	20·047	−21·501	− 3	M	...
...	19·560	+56·545	− 3	...	...
‡	−19·543	+29·859	0·85	...	...
...	19·534	−12·974	− 4	M	...
...	19·526	−28·180	− 4	M	...
...	19·486	−41·534	− 4	M	...
...	19·476	+56·659	− 2	...	...
311					
*	−19·436	+36·370	0·95	45. 830	10·2
...	19·412	+54·123	− 3	...	...
...	19·361	+35·271	− 1	...	...
...	19·350	+43·842	− 4	...	...
...	19·340	+54·692	− 4	...	...
*	−19·014	− 1·881	1·10	46. 787	9·9
*	18·870	−19·659	1·20	46. 786	9·8
*	18·827	+57·937	0·90	45. 831	10·2
...	18·670	−53·648	− 5	M	...
...	18·643	+46·033	0·65	...	...
321					
...	−18·562	+39·998	− 5	M	...
...	18·434	+44·901	0·80	...	...
...	18·310	− 0·461	− 3	M	...
...	18·236	+44·104	− 4	B	...
*	18·231	+37·460	0·90	45. 832	10·2
...	−17·943	+54·029	− 5	...	...
...	17·925	+41·036	− 4	...	...
...	17·911	+57·911	0·75	...	...
...	17·771	+45·047	− 5	M	...
*	17·522	−17·003	1·00	46. 788	10·0
331					
...	−17·522	−45·766	0·70	...	...
...	17·390	+25·201	− 5	M	...
...	17·343	−18·679	− 3	...	...
...	17·302	+22·815	− 3	...	...
...	17·214	+ 4·427	− 3	...	...
...	−16·747	+ 9·833	− 5	...	...
...	16·124	+35·894	− 5	...	...
...	15·478	+40·940	− 4	...	...
...	15·398	+22·455	− 5	M	...
†	15·249	−19·569	− 3	...	...
341					
†	−15·248	+27·472	0·85	...	...
*	15·079	+47·692	1·00	45. 833	10·0
*	14·935	+11·416	0·90	...	...
...	14·888	+32·123	− 3	...	...
...	14·887	−43·644	− 5	M	...
...	−14·869	+35·051	− 5	M	...
...	14·703	+ 3·313	− 5	M	...
*	14·677	−25·804	1·00	46. 789	10·0
*	14·501	−41·686	1·00	46. 790	10·2
*	14·476	−41·301	1·15	46. 791	9·6
351					
...	−14·197	+37·008	− 5	...	...
*	14·170	− 7·743	1·30	46. 792	9·8
...	14·032	−24·352	− 5	M	...
†	13·943	+29·921	0·90	...	...
...	13·864	+12·043	− 2	...	...
...	−13·648	−58·193	− 2	M	...
*	13·305	−34·606	1·00	46. 794	10·2
...	13·229	+40·887	− 2	...	...
...	13·187	−41·751	0·90	46. 793	10·2
...	13·132	+39·328	− 2	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
361-420					
361				°	
...	−13·106	+40·176	− 2	...	...
*	13·040	−45·288	1·05	46. 795	10·0
*	12·771	+55·354	0·95	...	...
...	12·756	−38·771	− 5	M	...
...	12·641	−39·616	− 5	M	...
...	−12·435	+48·198	− 2	...	...
...	12·433	+53·363	− 3	...	...
...	12·368	+11·153	− 5	...	...
...	12·253	− 7·10	− 5	M	...
S *	11·979	− 6·847	2·90	46. 796	8·4
371					
...	−11·925	−20·972	− 4	M	...
...	11·828	−50·789	− 4	M	...
*	11·694	+59·646	0·95	...	...
...	11·612	−59·287	− 5	M	...
...	11·530	−47·303	− 5	M	...
*	−11·472	−49·882	1·30	46. 797	9·4
...	11·174	−29·450	0·90	...	...
...	11·165	+34·321	− 4	...	...
*	11·059	−47·227	0·95	46. 798	10·2
...	10·685	−59·397	− 4	M	...
381					
...	−10·667	− 0·210	− 3	M	...
...	10·667	−56·635	− 4	M	...
...	10·518	+38·224	− 2	...	...
...	10·419	−43·318	0·90	...	...
...	9·983	+52·456	− 5	M	...
...	− 9·770	+27·977	− 5	...	...
*	9·730	− 4·669	1·20	46. 799	9·6
...	9·514	−10·204	− 4	M	...
...	9·382	+56·697	− 5	...	...
*	9·314	− 3·883	2·30	46. 800	8·7
391					
...	− 9·296	−28·454	− 5	M	...
...	9·073	−28·259	0·65	...	...
...	8·979	−31·796	0·70	...	...
†	8·830	−30·057	− 5	M	...
...	8·181	+55·784	− 4	...	...
*	− 7·970	+54·214	1·30	45. 834	9·6
*	7·709	−39·469	2·20	46. 802	8·6
†	7·697	−29·926	0·90	46. 801	10·2
...	7·486	−37·836	− 5	M	...
...	7·305	−25·449	− 5	M	...
401					
...	− 7·281	−39·094	− 5	M	...
...	7·071	− 4·475	− 1	M	...
...	6·844	+43·866	− 5	*m*	...
...	6·790	−55·744	− 2	...	...
...	6·656	+40·883	− 5	*m*	...
...	− 6·557	+39·030	− 5	M *m*	...
*	6·360	+52·502	1·00	45. 835	10·2
...	6·112	+52·598	− 5	*m*	...
...	6·059	−47·268	− 3	M	...
*	6·052	−22·726	2·50	46. 803	8·6
411					
...	− 5·858	+50·833	− 4	...	...
...	5·797	+29·581	− 5	...	...
...	5·665	−37·454	− 2	M	...
*	5·637	−50·966	1·00	...	...
...	5·554	−49·298	0·70	...	...
†	− 5·377	+29·429	− 3	...	...
...	4·804	−59·254	0·80	...	...
...	4·711	+39·182	− 5	...	...
*	4·620	+ 5·413	5·10	45. 836	7·2
...	4·595	−52·931	− 5	M	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
421-480					
421				°	
...	− 4·490	+33·877	− 4	...	...
...	4·336	−49·308	0·80	M	...
...	4·324	+ 6·298	− 5	M *m*	...
...	4·203	−41·484	0·80	...	...
...	4·147	+34·345	− 2	...	...
...	− 2·893	−39·414	− 4	M	...
...	2·155	+15·339	− 5	M *m*	...
...	2·084	−29·619	− 5	M	...
...	1·987	+40·542	− 5	*m*	...
...	1·917	+41·942	− 2	...	...
431					
*	− 1·881	+55·472	1·20	45. 837	9·6
...	1·423	−50·919	− 5	M	...
...	1·175	−52·925	− 5	M	...
†	1·158	+ 9·973	− 4	...	...
*	1·126	−35·856	1·00	46. 804	10·2
...	− 0·554	−12·220	− 5	M	...
...	0·484	−46·663	− 4	M	...
*	− 0·111	−10·776	0·90	46. 805	10·2
*	+ 0·175	+32·579	0·95	45. 838	10·2
...	0·198	+53·968	0·65	...	...
441					
*	+ 0·338	+ 7·872	1·90	45. 840	8·6
*	0·354	+47·362	1·00	45. 839	9·9
S *	0·689	+25·360	4·20	45. 842	7·8
*	0·717	+25·945	1·00	45. 841	9·6
...	0·809	+ 4·042	− 4	M	...
...	+ 0·970	−38·803	− 1	...	...
*	1·187	+55·971	0·95	45. 843	10·2
...	1·369	+23·560	− 4	...	...
...	1·552	−49·124	− 3	M	...
...	1·806	+14·584	− 2	...	...
451					
...	+ 1·835	+34·794	− 4	...	...
...	2·016	+20·181	− 4	...	...
*	2·289	−57·076	1·00	46. 806	10·0
...	2·352	−20·329	− 5	M *m*	...
...	2·375	+21·534	− 1	...	...
...	+ 2·595	+30·989	− 2	...	...
...	2·733	+17·845	− 5	*m*	...
...	2·775	− 2·279	− 1	46. 807	10·2
...	2·837	−52·935	− 5	M *m*	...
...	3·006	+56·270	− 5	...	...
461					
...	+ 3·097	−42·265	− 5	M	...
*	3·441	+33·382	0·75	...	...
...	3·551	−22·045	− 4	M	...
...	3·920	− 1·091	− 2	M	...
†	4·744	−29·181	0·65	...	...
S ‡	+ 4·797	−46·158	2·05	46. 808	8·2
...	4·903	+35·885	− 3	...	...
...	5·023	+38·489	− 2	...	...
...	5·166	+19·274	− 5	M *m*	...
*	5·323	+11·250	1·00	45. 844	10·0
471					
*	+ 5·734	−11·962	0·90	46. 809	10·2
*	5·903	−24·218	1·40	46. 810	9·5
...	6·046	−45·392	− 2	M	...
...	6·187	+31·096	0·70	...	...
...	6·200	−43·101	− 5	M *m*	...
*	+ 6·492	−30·929	0·95	46. 811	10·0
...	6·676	+20·375	− 5	*m*	...
...	6·907	−36·159	− 3	M	...
...	7·113	−35·781	− 5	M	...
*	7·133	−48·898	1·00	46. 812	9·6

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
481-540					
481				°	
...	+ 7·436	+43·946	− 5	M *m*	...
...	7·458	−50·110	− 4	M	...
...	7·498	+26·342	− 3	...	...
...	7·517	+52·491	− 1	...	...
...	7·551	+51·264	− 5	*m*	...
...	+ 7·769	+ 1·723	− 1	45. 846	10·2
*	7·870	+23·855	0·90	45. 845	10·2
...	8·051	−41·481	− 5	M	...
...	8·066	−52·382	− 3	M	...
*	8·143	−58·224	1·00	46. 813	10·0
491					
...	+ 8·183	+42·276	− 3	...	...
...	8·222	+48·661	0·85	...	...
...	8·498	+48·755	− 4	...	...
...	8·643	−37·628	− 5	*m*	...
*	8·730	+48·862	0·95	45. 847	10·2
...	+ 9·014	+50·922	− 4	*m*	...
...	9·119	− 4·724	− 5	...	...
...	9·375	+57·680	− 4	...	...
†	9·795	−35·195	− 5	...	...
...	9·958	+30·341	− 3	...	...
501					
...	+ 9·981	−47·721	− 5	*m*	...
...	10·093	−22·264	− 5	...	...
...	10·099	+43·681	− 5	*m*	...
...	10·451	−22·982	− 4	...	...
...	10·478	−25·763	− 2	...	...
...	+10·509	−19·405	− 4	...	...
...	10·606	− 9·789	− 3	...	...
...	10·709	−53·729	− 4	...	...
...	10·796	+47·942	− 2	...	...
...	10·798	− 9·228	− 4	...	...
511					
...	+11·131	−11·770	− 1	...	...
...	11·137	+58·166	− 3	...	...
...	11·218	−45·982	− 5	...	...
...	11·232	+18·940	− 1	...	...
S *	11·340	+ 6·163	3·30	45. 848	8·0
...	+11·798	−43·152	− 4	*m*	...
...	11·828	+40·005	− 5	*m*	...
...	11·874	+56·986	0·80	...	...
*	12·014	−12·626	1·00	46. 814	10·2
...	12·047	+47·184	0·75	...	...
521					
...	+12·258	−11·143	− 4	...	...
N * [	12·315	−42·705	1·00	46. 815	9·6
...	12·375	−10·800	− 4	...	...
...	12·574	−17·597	− 2	...	...
...	12·578	+50·210	− 4	...	...
...	+12·607	+43·500	− 1	...	...
...	12·901	−29·677	− 5	...	...
...	12·949	− 7·566	− 2	...	...
...	12·965	− 2·167	− 4	...	...
*	13·247	−56·707	0·90	...	...
531					
*	+13·414	−31·339	0·90	46. 816	10·2
...	13·504	+ 8·127	− 5	*m*	...
*	13·755	+37·502	1·40	45. 849	9·6
...	13·807	+21·695	− 5	*m*	...
...	13·822	+ 5·616	− 4	...	...
...	+13·939	−35·089	− 2	...	...
...	13·965	−33·271	0·65	...	...
...	14·076	+17·799	− 4	...	...
...	14·095	+35·605	0·70	...	...
*	14·391	+ 2·419	1·00	45. 850	9·9

522. Mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
541–600					
541					
*	+14′818	+ 5′555	1·10	45° 851	9·9
...	14·884	+33·235	− 4	...	...
f	14·967	+ 0·189	− 1	45. 852	10·2
...	14·990	+46·615	− 4	...	...
..	15·587	−10·727	− 4	...	...
*	+15·645	−52·958	2·00	46. 817	8·6
...	15·710	+39·168	− 3	...	...
...	16·166	−46·620	− 2	...	...
...	16·212	−25·766	− 5	...	...
*	16·217	+33·306	0·95	45. 853	10·2
551					
...	+16·242	+ 0·390	0·90	α	...
...	16·262	−52·002	− 3	...	...
...	16·313	+ 2·056	0·90	45. 854	10·2
...	16·365	−19·435	− 3	...	...
...	16·369	+59·042	− 4	...	...
...	+16·621	+13·498	− 4	...	...
*	16·951	+55·918	1·25	45. 855	9·6
...	16·987	+35·441	− 5	*m*	...
...	17·009	− 0·703	− 5	*m*	...
*	17·121	− 6·568	1·10	46. 818	9·9
561					
...	+17·329	+16·602	0·90	...	...
...	17·441	−16·090	0·90	46. 819	10·2
*	17·679	+ 4·335	1·00	45. 856	9·9
...	18·033	−45·065	− 3	...	...
*	18·374	−16·689	1·00	...	...
...	+18·481	+10·334	− 1	...	...
...	18·528	+40·156	− 5	*m*	...
*	18·628	+ 6·681	1·00	45. 857	10·0
...	18·834	− 0·984	− 4	...	...
...	19·009	+ 7·773	− 2	...	...
571					
...	+19·086	+57·133	− 5	*m*	...
...	19·165	+32·049	− 5	*m*	...
...	19·218	+37·355	− 4	...	...
...	19·288	−38·749	− 4	...	...
†	19·673	+30·578	− 5	...	...
...	+19·900	+55·265	− 4	*m*	...
...	19·932	+57·905	− 4	...	...
...	20·086	−18·092	− 1	...	...
...	20·091	+47·226	− 3	...	...
S *	20·195	+38·027	1·50	45. 858	9·4
581					
*	+20·279	− 2·798	1·00	46. 820	10·2
*	20·292	−37·278	1·10	46. 821	10·0
...	20·324	− 2·005	− 5	...	...
...	20·381	+ 5·970	− 5	*m*	...
...	20·497	−46·064	0·90	...	...
†	+20·557	+24·967	− 5	...	...
...	20·998	−57·960	0·65	...	...
...	21·011	+19·778	− 2	...	...
*	21·232	+32·726	1·20	45. 859	9·8
...	21·421	−44·621	− 5	*m*	...
591					
...	+21·440	+27·208	− 5	...	...
...	21·475	+15·451	− 4	...	...
...	21·828	−40·570	− 5	*m*	...
*	22·056	−52·803	2·00	46. 822	8·6
...	22·154	+ 5·239	− 5	...	...
...	+22·195	−38·217	− 5	*m*	...
...	22·270	+24·658	− 3	...	...
...	22·277	−34·009	− 5	*m*	...
...	22·505	−33·161	− 5	...	...
...	22·537	−13·133	− 2	...	...
601–660					
601					
...	+22′630	−26′537	− 5	° ...	...
...	22·727	−18·581	− 5	...	...
...	22·800	+49·295	− 4	...	...
...	22·867	+47·425	− 4	...	...
...	22·867	+29·245	− 4	...	...
S *	+22·933	−26·554	2·00	46. 823	8·6
...	22·941	− 3·441	− 5	*m*	...
*	23·140	+31·881	1·20	45. 860	9·6
†	23·201	− 0·058	− 3	...	...
*	23·247	− 7·374	1·00	46. 824	10·2
611					
...	+23·372	−48·769	− 4	...	...
*	23·373	− 2·179	2·00	46. 825	9·4
...	23·450	+38·911	− 5	*m*	...
*	23·457	−55·747	1·30	46. 826	9·6
...	23·459	−48·367	− 3	...	...
...	+23·543	+50·210	− 4	*m*	...
...	23·854	−27·859	− 5	...	...
...	23·896	+43·407	− 5	...	...
...	23·937	+48·292	− 5	*m*	...
...	24·057	+ 5·933	− 5	*m*	...
621					
...	+24·240	+59·467	− 5	*m*	...
*	24·260	−20·844	1·00	46. 827	10·0
*	24·281	+ 4·284	1·00	45. 861	10·2
...	24·463	+47·885	0·75	...	...
†	24·568	+10·814	− 5	*m*	...
...	+25·055	−47·442	0·80	...	...
...	25·151	+47·965	− 2	...	...
...	25·365	+ 3·699	− 5	*m*	...
...	25·375	− 2·626	− 2	...	...
...	25·421	+ 9·220	− 5	*m*	...
631					
...	+25·553	−40·081	0·85	...	...
...	25·771	−23·811	− 5	...	...
...	25·967	+ 7·787	− 4	...	...
...	26·003	+50·347	− 2	...	...
...	26·084	−22·510	0·70	...	...
...	+26·695	− 8·234	0·90	46. 828	10·2
...	26·701	− 5·534	− 2	...	...
...	26·977	−45·444	− 3	...	...
*	27·324	+13·766	0·95	45. 862	10·2
...	27·497	+23·896	− 2	...	...
641					
...	+27·794	+35·986	0·95	...	...
...	27·851	+21·203	− 4	*m*	...
...	27·996	−40·167	− 5	...	...
...	28·094	−56·915	− 5	*m*	...
*	28·473	+53·792	1·10	45. 863	9·8
...	+28·534	+44·554	− 5	*m*	...
...	28·594	−43·334	0·85	...	...
...	28·755	+48·562	− 5	*m*	...
...	28·922	−46·198	− 2	...	...
...	28·930	−34·313	− 3	...	...
651					
...	+29·170	+22·751	− 5	*m*	...
*	29·297	−57·657	1·10	46. 830	10·0
...	29·334	−19·300	0·65	...	...
*	29·411	−10·867	1·00	46. 829	10·2
...	29·426	−18·894	− 4	...	...
...	+29·590	−26·896	− 5	...	...
...	29·698	+35·857	− 2	...	...
...	30·022	+59·207	− 2	...	...
...	30·105	−45·201	− 2	...	...
...	30·283	+19·856	− 2	...	...
661–720					
661					
...	+30′363	−18′047	− 2	° ...	...
...	30·579	+28·569	− 3	...	...
*	30·722	+29·408	1·00	45. 864	10·2
†	30·809	−39·917	− 4	*m*	...
†	30·827	+34·890	0·75	45. 865	10·2
...	+30·875	+34·650	− 3	...	...
...	30·887	+34·709	− 4	...	...
...	30·887	−38·546	0·70	46. 831	10·2
...	30·945	+ 8·088	− 5	*m*	...
...	31·155	+24·241	− 4	*m*	...
671					
...	+31·779	−16·232	− 5	...	...
...	31·988	−45·327	− 5	*m*	...
...	32·004	+28·191	− 2	...	...
*	32·046	+19·706	0·90	45. 866	10·2
...	32·098	−14·873	− 5	*m*	...
...	+32·189	+28·596	− 1	...	...
...	32·206	+ 5·254	− 4	*m*	...
...	32·232	+ 6·394	0·75	...	...
...	32·327	+ 7·606	− 5	*m*	...
...	32·374	−37·792	− 3	...	...
681					
...	+32·453	+12·905	− 5	*m*	...
...	32·974	+ 9·596	− 4	...	...
*	33·065	+27·024	0·90	45. 867	10·2
...	33·132	+22·006	− 5	*m*	...
*	33·246	− 8·673	1·00	46. 832	10·2
*	+33·310	+38·852	0·95	45. 868	10·2
*	33·442	−39·712	1·60	46. 833	9·1
...	33·473	+48·862	− 5	*m*	...
...	33·534	+33·253	− 5	*m*	...
...	33·538	− 3·146	− 5	*m*	...
691					
...	+33·555	+40·819	− 4	*m*	...
...	33·768	−50·631	− 4	...	...
...	33·841	−53·188	− 2	...	...
...	33·869	− 2·627	− 4	...	...
...	33·902	+ 6·559	− 2	*a*	...
...	+34·107	−20·375	− 2	...	...
...	34·119	+ 9·219	− 5	*m*	...
...	34·209	−58·424	0·90	...	...
...	34·479	−14·781	− 1	...	...
...	34·497	−54·286	− 4	...	...
701					
...	+34·584	−42·888	− 5	*m*	...
‡	34·803	−57·466	0·95	...	...
...	35·429	+52·526	− 2	...	...
*	35·521	− 9·445	1·00	46. 834	9·8
...	35·583	−20·668	− 4	*m*	...
...	+35·736	+16·146	− 5	*m*	...
...	35·854	−32·426	− 4	...	...
*	35·858	−35·352	1·20	46. 835	9·6
...	36·196	+ 1·960	− 2	...	...
...	36·273	−31·709	− 4	...	...
711					
...	+36·529	− 6·243	− 4	*m*	...
*	36·566	−33·947	1·00	46. 836	9·8
...	36·812	+13·452	− 1	...	...
...	36·819	−22·134	− 1	...	...
...	36·855	+22·923	− 3	...	...
...	+36·880	+ 0·643	0·90	...	...
...	36·910	−58·761	− 4	*m*	...
...	37·255	+12·790	− 5	*m*	...
...	37·412	−51·738	− 4	...	...
...	37·419	+ 6·863	− 5	*m*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
721-780					
721					
...	+37′·675	+52′·807	− 4	° ...	...
...	37·720	− 4·467	− 1	...	...
...	37·747	−51·695	0·80	...	...
...	37·780	+31·347	− 5	*m*	...
...	37·794	−25·621	− 4	...	...
...	+37·995	+34·533	− 4	...	...
...	38·317	− 9·246	− 3	...	...
*	38·519	+50·984	0·95	45. 870	10·0
*	38·531	+57·011	1·70	45. 869	9·1
...	38·681	−18·724	− 5	*m*	...
731					
...	+38·842	+ 6·327	− 4	*m*	...
...	39·081	− 0·154	− 2	...	...
*	39·290	+25·413	1·10	45. 871	9·8
...	39·382	−20·226	− 2	...	...
...	39·423	+27·171	− 5	*m*	...
...	+39·451	+20·923	− 4	...	...
...	39·572	−25·942	− 4	*m*	...
...	39·788	− 8·512	− 4	...	...
...	40·030	+42·134	− 4	*m*	...
...	40·292	+54·329	− 5	...	...
741					
*	+40·304	−18·126	1·00	46. 837	10·0
...	40·389	+40·020	− 5	*m*	...
...	40·500	−13·408	0·75	...	...
...	40·518	−50·206	− 4	...	...
S *	41·272	−55·912	2·90	46. 838	8·4
...	+41·305	−51·721	− 5	*m*	...
...	41·374	+22·862	− 2	...	...
...	41·585	− 9·214	− 4	*m*	...
...	41·628	−17·710	− 4	...	...
...	41·634	−18·635	− 1	...	...
751					
...	+41·647	+49·673	− 5	*m*	...
...	41·906	+ 1·409	− 2	...	...
...	42·542	−42·325	0·80	...	...
...	42·592	−17·082	− 5	*m*	...
...	43·030	−58·909	− 5	...	...
*	+43·264	−59·661	1·20	46. 839	9·6
...	43·312	+39·272	− 4	...	...
*	43·314	−45·899	0·85	...	...
...	43·672	−46·250	0 80	...	...
...	43·676	+34·309	− 2	...	...
761					
...	+43·800	−36·397	− 4	...	...
*	44·019	+51·044	0·90	45. 872	10·2
*	44·332	−24·315	1·70	46. 840	9·1
...	44·658	+23·149	− 5	*m*	...
...	44·843	+ 2·562	− 5	*e*	...
*	+44·961	−59·574	1·30	46. 842	9·6
*	44·980	−57·220	1·10	46. 841	10·0
...	45·006	−53·693	− 5	...	...
...	45·266	−47·889	0·90	...	...
...	45·307	+12·883	− 5	...	...
771					
...	+45·908	+ 9·818	− 4	*m*	...
...	46·388	−35·374	0·90	...	...
...	46·938	−26·212	− 5	...	...
*	47·089	−52·323	1·15	46. 845	10·0
...	47·109	−27·612	− 4	...	...
...	+47·114	−29·678	− 5	*m*	...
*	47·236	+45·755	1·00	...	...
...	47·373	+13·625	− 4	...	...
*	47·538	− 2·172	1·05	46. 843	9·8
...	47·693	− 8·261	0·75	...	...

Notes.	Co-ordinates, x.	Co-ordinates, y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
781-840					
781					
...	+47′·730	+43′·872	− 5	° *m*	...
...	47·739	+40·142	− 5	*m*	...
...	47·739	+13·112	− 5	*e*	...
*	47·924	− 1·129	1·40	46. 844	9·2
...	48·104	+52·847	− 1	...	...
...	+48·255	+28·086	− 5	...	...
*	48·267	+57·338	2·30	45. 873	8·2
*	48·417	+21·986	0·95	...	...
†	48·542	+14·973	− 3	...	...
*	48·542	+ 3·199	1·40	45. 874	9·4
791					
...	+48·637	+15·749	− 3	...	...
*	48·699	−45·476	1·00	...	...
...	48·801	+ 8·191	− 3	...	...
...	48·954	−16·413	0·95	...	...
...	49·248	−18·598	− 5	...	...
...	+49·361	+31·610	− 4	...	...
...	49·611	+52·982	− 5	*m*	...
...	50·055	+26·721	0·95	...	...
...	50·097	+56·583	0·95	45. 875	10·2
*	50·099	− 9·306	1·05	46. 846	10·0
801					
...	+50·594	+53·558	− 4	...	...
†	50·887	+49·908	− 5	...	...
...	50·922	−16·460	− 5	...	...
...	51·075	+ 7·092	0·70	...	...
...	51·080	+56·776	− 5	...	...
...	+51·082	−23·488	− 5	...	...
...	51·322	+ 9·194	− 5	*m*	...
...	51·524	+58·942	− 1	...	...
...	52·096	+22·687	− 5	*m*	...
...	52·178	− 6·893	− 2	...	...
811				...	
...	+52·221	+54·684	− 4	...	...
...	52·315	+47·309	− 5	...	...
...	52·359	+43·759	0·90	...	...
*	52·422	+32·373	1·00	...	...
...	52·533	−38·312	− 4	...	...
...	+52·637	−12·471	− 5	*e*	...
...	52·697	−12·864	− 5	*e*	...
*	52·882	−10·752	1·00	46. 847	10·2
...	52·890	+ 3·268	0·65	...	...
...	52·945	−46·207	0·95	...	...
821					
...	+53·336	−15·838	0·75	...	...
...	53·458	−33·948	− 5	...	...
*	53·483	+13·160	1·00	45. 877	10·2
...	53·562	− 4·547	− 4	...	...
...	53·575	−35·272	− 4	...	...
*	+53·643	+50·761	1·25	45. 876	10·0
...	53·723	−55·836	− 5	...	...
...	54·060	+17·078	− 2	...	...
*	54·347	+26·288	3·00	45. 878	8·4
...	54·389	− 7·737	0·70	...	...
831					
†	+54·519	+11·977	− 3	...	...
†	54·583	+ 8·600	0·65	...	...
†	54·604	−25·640	− 3	...	...
†	54·628	+32·283	− 5	...	...
†	54·644	− 4·625	− 4	...	...
...	+54·764	+18·220	− 2	...	...
...	55·407	+24·300	− 3	...	...
...	55·559	+46·932	− 5	*m*	...
...	55·571	+10·718	− 5	*m*	...
*	55·625	−27·906	1·15	46. 849	10·0

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
841-871					
841					
S *	+55′·691	+42′·158	2·75	° 45. 879	8·2
...	55·806	+37·143	0·90	...	...
...	55·900	− 0·248	0·70	*e*	...
*	56·092	+13·119	1·00	...	...
...	56·104	−17·494	0·70	...	...
†	+56·230	−24·868	− 4	...	...
...	56·277	−15·340	− 3	*e*	...
*	56·836	+21·966	2·60	45. 881	8·2
†	57·013	− 9·990	− 4	*e*	...
†	57·113	+30·033	− 2	...	...
851					
*	+57·169	−30·301	1·20	46. 851	9·8
...	57·169	−40·942	− 2	...	...
...	57·210	+30·929	− 2	...	...
...	57·310	+ 2·415	0·65	*e*	...
*	57·310	−16·048	1·00	46. 850	9·9
...	+57·362	−10·900	0·85	...	...
*	57·377	+51·931	1·05	45. 880	10·2
*	57·581	−57·518	1·20	46. 852	10·2
...	57·732	−41·437	− 5	...	...
*	57·842	+51·126	1·00	...	...
861					
...	+57·905	+30·948	− 5	*e*	...
...	57·917	+29·882	− 2	...	...
...	58·022	−12·756	− 5	*m*	...
...	58·094	−41·678	− 4	...	...
...	58·306	−28·568	− 3	...	...
...	+58·473	+24·644	− 5	*m*	...
*	58·850	+13·683	1·00	45. 883	10·2
...	58·921	+29·311	− 1	...	...
*	58·977	+35·792	1·00	45. 882	10·2
...	59·141	+ 2·326	0·65	...	...
871					
...	+59·299	+23·817	− 3	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1-60					
1				°	
...	−59·472	−46·141	− 1	...	...
...	59·450	+ 2·352	− 5	E	...
...	59·318	+12·672	− 5	...	...
*	59·127	−24·537	1·40	46. 840	9·1
...	59·109	−46·485	− 2	...	...
*	−59·093	−59·892	1·30	46. 839	9·6
...	58·413	+45·599	− 1	...	...
...	57·777	+52·703	− 4	...	...
*	57·753	+57·202	2·40	45. 873	8·2
...	57·464	−48·073	− 2	...	...
11					
...	−57·438	−57·412	0·90	46. 841	10·0
*	57·386	−59·756	1·30	46. 842	9·6
...	57·280	+13·463	− 4	...	...
...	56·905	+12·973	− 5	E	...
...	56·850	+27·958	− 5	...	...
...	−56·723	−35·525	− 3	...	...
*	56·612	− 2·301	0·95	46. 843	9·8
...	56·496	+21·866	0·80	...	...
...	56·456	−26·335	− 5	...	...
...	56·280	− 8·386	− 3	...	...
21					
*	−56·253	− 1·253	1·10	46. 844	9·2
...	56·239	−27·742	− 5	...	...
...	56·157	+14·872	− 3	...	...
...	56·089	+15·646	− 4	...	...
...	55·908	+56·487	− 1	45. 875	10·2
...	−55·845	+31·524	− 5	...	...
*	55·779	+ 3·084	1·25	45. 874	9·4
...	55·683	+ 8·088	− 3	...	...
...	55·487	−52·444	0·90	46. 845	10·0
...	55·290	+33·481	− 5	...	...
31					
...	−54·996	+26·638	0·75	...	...
...	54·920	+49·855	− 5	...	...
...	54·761	−16·485	0·80	...	...
...	54·560	+58·916	− 3	...	...
...	54·110	−45·548	− 1	...	...
*	−53·843	− 9·354	1·00	46. 846	10·0
...	53·718	+54·653	− 5	...	...
...	53·411	+47·298	− 5	...	...
...	53·371	+ 7·062	− 3	...	...
...	53·238	+43·752	− 1	...	...
41					
...	−52·820	+32·375	0·70	...	...
...	52·792	−16·477	− 5	...	...
...	52·407	−23·499	− 5	...	...
*	52·186	+50·780	0·95	45. 876	10·0
...	51·833	− 6·872	− 4	...	...
...	−51·439	+ 3·299	− 2	...	...
...	51·204	−12·429	− 5	E	...
...	51·157	+13·200	0·70	45. 877	10·2
...	51·132	−12·842	− 5	E	...
...	51·017	−10·701	0·80	46. 847	10·2
51					
...	−50·707	+17·136	− 3	...	...
*	50·701	+26·351	2·00	45. 878	8·4
...	50·616	+32·358	− 5	...	...
...	50·536	− 4·491	− 4	...	...
...	50·499	−38·285	− 5	...	...
†	−50·381	−15·770	− 4	...	...
...	50·088	+12·056	− 3	...	...
...	50·039	+18·297	− 3	...	...
...	49·922	+ 8·687	− 2	...	...
S ‡	49·854	+42·248	2·00	45. 879	8·2
61-120					
61				°	
...	−49·812	−46·133	0·75	...	...
...	49·721	−33·849	− 4	...	...
...	49·602	+24·395	0·65	...	...
...	49·594	− 7·640	0·70	...	...
...	49·592	+37·255	0·70	...	...
...	−49·564	−35·199	− 4	...	...
...	49·454	− 4·540	− 5	...	...
...	48·831	−25·533	0·65	...	...
...	48·799	+ 0·814	− 5	M	...
...	48·548	+13·247	0·80	...	...
71					
*	−48·492	+52·056	0·90	45. 880	10·2
...	48·340	− 0·128	0·65	E	...
*	48·072	+22·111	2·10	45. 881	8·2
...	48·064	+30·193	0·65	...	...
...	48·008	+51·270	0·80	...	...
...	−48·003	+31·086	0·65	...	...
*	47·737	−27·754	1·00	46. 849	10·0
...	47·590	−17·353	0·70	...	...
...	47·469	−15·189	− 4	E	...
...	47·297	+31·132	− 5	E	...
81					
...	−47·255	+30·046	0·65	...	...
...	47·238	−24·713	− 4	...	...
...	46·990	+ 2·587	0·75	E	...
...	46·929	− 9·816	− 4	E	...
...	46·554	−26·449	− 5	M	...
†	−46·529	−10·721	0·70	...	...
*	46·412	−15·862	1·00	46. 850	9·9
...	46·376	+36·007	0·85	45. 882	10·2
...	46·248	+29·512	0·75	...	...
*	46·115	−30·109	1·10	46. 851	9·8
91					
...	−45·833	−29·190	− 5	M	...
*	45·814	+13·895	0·85	45. 883	10·2
...	45·803	−12·540	− 5	M	...
...	45·769	−40·752	0·65	...	...
...	45·678	+24·050	0·70	...	...
...	−45·295	+17·885	− 5	M	...
...	45·210	+21·141	0·65	...	...
...	45·184	+42·384	− 1	...	...
...	45·153	+ 2·548	0·65	...	...
...	45·059	+16·739	− 5	M	...
101					
...	−45·029	−28·347	0·65	...	...
‡	44·837	−57·300	0·90	46. 852	10·2
...	44·818	−41·441	− 4	...	...
...	44·797	+16·603	− 5	...	...
...	44·549	+ 5·120	0·70	...	...
...	−44·268	−49·772	− 5	...	...
...	44·223	+21·174	0·65	...	...
*	44·074	+30·734	1·00	45. 884	10·0
...	44·009	− 3·019	− 5	M	...
...	43·923	+35·064	− 4	M	...
111					
...	−43·881	+31·962	− 4	M	...
...	43·552	−12·236	0·65	...	...
...	43·415	−36·709	− 4	...	...
...	43·400	+18·067	0·65	...	...
...	43·234	+24·799	0·85	...	...
...	−43·039	− 7·119	− 3	...	...
...	42·631	−42·448	− 5	...	...
...	42·583	+19·397	− 5	M	...
*	42·572	−29·958	1·00	46. 853	10·2
...	42·380	+ 5·523	− 5	M	...
121-180					
121				°	
...	−42·269	−22·125	− 2	...	...
...	42·199	+11·140	0·90	45. 885	10·2
‡	41·761	+ 9·183	0·90	45. 886	10·2
S *	41·709	+17·047	2·50	45. 887	7·4
*	41·676	+38·484	0·95	45. 888	10·2
...	−41·670	+17·330	− 1	...	...
...	41·625	−28·643	− 5	M	...
...	41·498	−38·929	− 5	M	...
*	41·409	+ 5·801	0·95	45. 889	10·0
...	41·168	+25·726	0·70	...	...
131					
...	−41·137	+26·399	− 3	...	...
*	41·066	+42·250	0·90	45. 890	10·2
...	41·034	+30·753	− 5	...	...
...	40·654	+51·583	− 5	...	...
...	40·553	+38·331	− 5	...	...
...	−40·494	+57·869	− 5	...	...
*	40·394	+15·169	1·00	45. 891	10·0
*	40·359	+50·257	0·95	45. 893	10·0
*	40·172	+25·712	1·20	45. 892	9·2
*	40·161	+52·316	1·40	45. 894	9·6
141					
...	−40·033	+26·456	− 5	M	...
...	39·796	− 1·330	− 3	...	...
...	39·742	−56·899	− 4	...	...
...	39·580	+52·784	− 5	...	...
...	39·410	+19·090	− 2	...	...
...	−39·291	+36·771	− 5	M	...
...	39·278	+47·257	− 4	...	...
*	38·851	−30·073	1·60	46. 854	9·0
...	38·740	−19·540	− 5	...	...
...	38·721	+32·747	− 4	...	...
151					
*	−38·601	+40·809	1·30	45. 895	9·4
...	38·320	− 6·496	− 4	...	...
...	38·116	−32·687	− 4	...	...
...	38·063	−47·766	0·85	46. 855	10·2
...	38·025	+28·007	0·75	...	...
...	−37·853	+31·438	− 2	...	...
...	37·776	−33·660	− 3	...	...
*	37·620	+11·614	1·15	45. 896	9·5
...	37·537	+10·482	0·65	...	...
...	37·534	−17·753	− 5	M	...
161					
...	−37·528	+16·299	− 4	...	...
...	37·390	−10·561	− 1	...	...
...	37·213	− 0·144	− 3	...	...
*	37·195	+37·624	0·90	45. 897	9·8
...	37·186	−26·798	− 4	...	...
...	−37·182	−16·958	− 5	...	...
...	37·139	+48·721	− 5	...	...
...	37·134	−44·639	− 5	M	...
...	37·121	+25·892	− 5	M	...
...	37·106	+19·545	− 3	...	...
171					
...	−36·999	−21·785	− 4	...	...
*	36·950	+21·767	1·25	45. 898	9·4
...	36·768	−24·386	− 5	M	...
...	36·720	− 6·077	− 5	M	...
...	36·583	−31·233	− 4	M	...
...	−36·332	−43·458	0·70	...	...
...	36·295	+ 5·349	− 4	M	...
*	36·228	−58·693	0·95	46. 856	10·0
...	36·145	− 8·491	− 5	M	...
...	36·095	−11·442	− 4	...	...

ES measured from 1, 142, 297, 430, 573, 713.
NM „ „ 60, 221, 357, 499, 634, 777.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
181-240					
181				°	
...	−36′053	+26′127	− 5	...	...
...	35·829	−23·104	− 5	...	...
...	35·593	−23·788	− 4	...	...
*	35·487	−49·661	1·70	46. 857	9·0
...	35·407	+34·923	− 5	M	...
...	−35·301	+17·985	− 4	M	...
...	35·267	+38·189	− 5	M	...
...	35·197	+ 2·856	− 4	M	...
...	35·084	+38·192	− 4	...	...
‡	34·937	−25·394	0·90	46. 858	9·6
191					
...	−34·424	−32·140	− 5	...	...
...	34·332	+35·540	− 3	...	...
*	34·238	−29·458	0·90	46. 859	10·0
...	34·175	− 2·728	− 1	...	...
...	33·819	+21·162	− 5	M	...
*	−33·358	−18·761	0·95	46. 860	9·8
...	32·995	−56·955	− 5	...	...
...	32·689	−18·712	− 5	...	...
...	32·688	−29·725	0·70	46. 861	10·2
...	32·535	−48·498	0·85	46. 862	10·2
201					
...	−32·429	+27·248	0·80	...	...
*	32·377	−45·325	1·70	46. 863	8·8
...	32·261	+50·968	− 5	...	...
...	32·248	+13·309	− 4	M	...
...	32·246	+39·162	− 5	...	...
...	−32·056	−31·736	0·65	...	...
*	31·919	+58·911	1·00	45. 899	9·9
S *	31·660	−33·290	2·00	46. 864	8·4
S *	31·573	− 1·379	1·35	46. 865	9·0
...	31·287	+ 1·455	− 2	...	...
211					
...	−31·099	+ 0·949	0·70	...	...
...	31·069	+19·448	− 3	...	...
...	30·796	+44·263	− 5	M	...
*	30·518	−38·802	0·75	46. 866	10·2
...	30·486	+35·983	− 3	...	...
...	−30·485	−47·492	− 4	...	...
...	30·477	+49·372	− 4	...	...
...	30·196	+58·435	0·85	45. 901	10·2
†	30·164	+54·097	0·85	45. 902	10·0
*	30·061	+12·803	0·85	45. 900	9·9
221					
*	−29·751	− 4·404	0·90	46. 867	10·0
...	29·590	+33·217	− 5	M	...
...	29·456	− 8·559	− 5	...	...
*	29·339	+ 7·439	0·95	45. 903	10·2
*	29·171	+44·439	0·90	45. 904	10·2
...	−29·167	+42·742	− 5	...	...
...	28·548	+20·467	− 5	M	...
...	28·465	−46·201	− 5	...	...
...	28·074	−34·769	0·65	...	...
...	27·988	−28·137	− 2	...	...
231					
...	−27·579	+27·720	0·90	45. 905	10·2
...	27·544	+ 1·630	0·65	...	...
...	27·452	+ 8·165	− 3	B	...
...	27·007	+ 2·463	− 5	M	...
...	26·874	−21·955	0·70	...	...
*	−26·849	−23·272	1·00	46. 868	9·0
...	26·728	+40·282	− 5	M	...
...	26·726	− 8·441	− 5	M	...
...	26·513	− 4·958	0·80	46. 870	10·2
*	26·512	−28·502	1·00	46. 869	9·9

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
241-300					
241				°	
...	−26′502	−13′445	− 4	M	...
...	26·227	−27·503	− 4	M	...
...	26·169	+33·942	− 4	...	...
...	26·135	+49·510	− 4	...	...
*	25·888	−45·491	1·00	46. 871	10·0
...	−25·656	−19·443	0·65	...	...
...	25·545	−45·949	− 5	...	...
...	25·367	−52·121	0·90	...	...
...	25·085	−31·469	− 5	...	...
†	24·888	−43·042	− 5	...	...
251					
*	−24·809	+35·721	1·00	45. 906	9·4
...	24·641	−57·868	− 5	...	...
*	24·494	+21·048	0·90	45. 907	10·2
...	24·347	+25·754	− 5	...	...
...	24·283	−26·043	0·70	...	...
*	−24·064	+ 8·722	0·95	45. 908	10·2
...	24·060	+25·796	− 4	...	...
...	23·751	−41·735	− 4	...	...
*	23·620	−28·663	1·15	46. 872	9·4
...	23·559	−34·621	− 1	...	...
261					
...	−23·497	+46·331	− 5	...	...
*	23·403	−36·295	0·90	46. 873	10·2
...	23·230	+ 3·663	− 5	M	...
...	23·005	+29·907	− 5	M	...
*	22·990	−26·523	1·00	46. 874	9·6
...	−22·955	+23·792	0·70	...	...
...	22·806	−27·802	0·70	...	...
*	22·768	+42·758	1·20	45. 909	9·4
...	22·520	+22·341	0·90	45. 910	10·2
...	22·495	−14·422	− 4	...	...
271					
...	−22·440	−37·148	0·75	...	...
...	22·228	+46·397	− 5	...	...
...	22·223	+32·222	0·75	...	...
...	22·021	+26·303	0·70	...	...
...	21·982	−55·360	− 4	...	...
...	−21·882	−54·002	− 5	...	...
*	21·785	+16·541	1·05	45. 911	9·9
...	21·705	+52·056	− 5	M	...
N [	21·693	−44·848	0·70	46. 875	10·2
N [	21·670	−44·821	0·85		
281					
...	−21·659	−10·844	0·70	...	...
...	21·615	−26·108	− 5	M	...
...	21·613	+10·060	− 5	M	...
...	21·352	−29·491	− 5	...	...
...	21·050	−19·946	− 4	M	...
...	−21·023	−30·144	0·65	...	...
...	20·997	+ 9·734	− 5	M	...
...	20·980	+52·993	− 5	...	...
*	20·829	+40·596	1·00	45. 912	10·0
*	20·703	−31·510	0·95	46. 876	10·2
291					
...	−20·599	+53·482	− 5	M	...
...	20·585	+57·032	− 5	...	...
...	20·514	− 2·191	− 5	...	...
...	20·374	+38·962	− 5	M	...
...	20·250	−48·496	0·90	46. 877	10·2
...	−20·241	+55·058	− 2	...	...
†	19·936	−31·359	− 3	...	...
...	19·866	+14·019	− 4	M	...
...	19·677	+11·849	− 2	...	...
...	19·626	−54·227	0·65	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
301-360					
301				°	
...	−19′420	+47′112	0·70	45. 914	10·2
...	19·401	+52·911	0·80	45. 913	10·2
...	19·368	+33·515	− 3	...	...
...	19·323	− 4·235	− 5	...	...
...	19·072	+20·807	− 5	...	...
...	−18·914	− 1·129	− 5	M	...
...	18·710	+ 4·609	− 1	...	...
...	18·621	−14·075	− 3	...	...
S *	18·353	+14·350	2·00	45. 915	8·4
...	18·283	+26·889	0·80	45. 916	10·2
311					
*	−18·144	−41·896	0·80	46. 878	10·2
*	17·686	+ 8·281	1·20	45. 917	9·4
...	17·624	+ 5·569	− 5	M	...
...	17·590	−23·319	0·75	...	...
...	17·266	+50·496	− 5	M	...
...	−17·214	− 6·416	− 4	...	...
...	16·983	−21·654	− 2	...	...
...	16·748	−11·164	− 4	...	...
...	16·725	− 7·182	− 4	...	...
...	16·712	−26·581	0·65	...	...
321					
...	−16·397	+55·402	− 3	A	...
...	16·128	+33·246	− 3	...	...
...	15·801	−42·330	0·80	46. 879	10·2
...	15·799	−44·947	− 5	...	...
...	15·746	−20·228	− 4	...	...
*	−15·544	− 2·956	1·00	46. 881	9·6
*	15·519	−16·950	0·80	46. 882	10·2
*	15·491	−56·942	0·90	46. 880	10·2
...	15·390	−22·703	− 5	M	...
...	15·129	+ 6·767	− 5	M	...
331					
...	−15·116	−34·100	− 2	...	...
...	15·099	−44·729	− 5	...	...
...	15·034	+ 3·109	− 5	M	...
*	14·588	+47·742	0·90	45. 918	9·8
...	14·562	−50·996	− 3	...	...
...	−14·358	− 8·961	− 5	...	...
...	14·227	−59·538	− 3	...	...
...	14·141	−18·484	0·65	...	...
S *	13·595	−23·263	1·90	46. 883	8·6
...	13·414	−10·246	− 1	...	...
341					
...	−13·344	+ 5·644	− 3	B	...
...	13·255	−41·105	− 5	M	...
*	12·894	+44·135	1·05	45. 919	9·6
...	12·765	− 7·104	− 2	...	...
...	12·654	−54·009	− 3	...	...
...	−12·426	+49·528	− 4	...	...
...	12·370	+40·687	− 3	...	...
...	12·312	+24·869	− 2	...	...
...	12·087	−52·662	− 5	...	...
...	11·701	−28·149	− 1	...	...
351					
...	−11·579	+22·340	− 4	...	...
...	11·568	−17·458	− 5	M	...
...	11·048	−20·870	− 4	...	...
...	10·986	−12·121	− 3	...	...
...	10·526	−12·291	− 3	...	...
...	−10·261	+20·768	− 4	...	...
*	9·580	+36·326	0·90	45. 920	10·2
*	9·484	+37·688	0·95	45. 921	10·2
...	9·169	+50·193	− 5	M	...
...	8·910	− 6·096	− 5	M	...

279, 280. 47°·39, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
361-420					
361				°	
...	− 8′·782	+26′·383	− 4	M	...
...	8·461	+49·930	− 5	M	...
...	8·430	−43·984	0·80	...	...
...	8·187	+48·076	− 5	M	...
...	8·169	+17·188	− 4	...	...
...	− 8·148	+39·600	− 5	M	...
...	8·027	−21·605	− 5	...	...
...	7·947	−39·220	− 4	...	...
...	7·837	+26·926	0·80	45. 922	10·2
...	7·785	−39·619	0·70	...	...
371					
...	− 7·653	−47·277	− 5	M	...
...	7·585	+37·167	− 5	M	...
...	7·384	−41·546	− 5	...	...
...	7·282	−31·004	− 3	...	...
†	7·280	+24·096	− 3	*m*	...
...	− 7·175	+31·713	− 5	*m*	...
...	7·144	+10·727	− 5	M *m*	...
...	7·138	+55·560	− 3	A	...
...	7·111	+19·802	− 4	*m*	...
...	7·097	+ 0·805	− 5	M *m*	...
381					
...	− 7·062	−10·514	− 5	M *m*	...
*	7·004	+32·944	1·50	45. 923	9·0
*	6·948	−13·187	1·60	46. 884	9·2
...	6·779	+54·493	− 4	*m*	...
...	6·527	−32·102	− 4	M	...
...	− 6·291	+47·168	− 5	*m*	...
...	6·291	+17·833	0·70	...	...
...	6·277	−57·337	− 5	M	...
S *	6·025	+45·918	2·50	45. 924	8·0
...	5·920	+14·840	0·75	...	...
391					
*	− 5·813	+42·203	0·90	45. 925	10·0
...	5·812	−50·880	0·65	...	...
...	5·695	+25·331	− 3	*m*	...
...	5·660	+ 4·292	− 5	M *m*	...
...	5·553	−17·305	− 5	M	...
†	− 5·029	−19·942	0·70	...	...
†	5·000	−60·020	− 1	...	...
...	4·847	+ 7·740	0·70	*m*	...
...	4·804	+39·789	− 5	*m*	...
...	4·782	− 7·334	0·80	46. 885	10·2
401					
...	− 4·778	−13·460	0·65	...	...
...	4·755	− 6·491	0·65	...	...
...	4·459	+ 5·895	− 1	*m*	...
†	4·321	+19·131	0·85	45. 926	10·2
...	4·262	+46·258	− 5	M *m*	...
...	− 4·056	+56·048	− 1	...	...
S *	3·763	−53·905	1·50	46. 886	9·2
*	3·686	−42·909	0·95	46. 887	10·2
...	3·474	−18·695	0·75	...	...
...	3·369	−13·417	− 5	M *m*	...
411					
*	− 3·186	+48·494	0·90	45. 927	10·2
*	3·062	−41·073	0·95	...	...
*	2·914	+17·866	0·95	45. 928	10·0
*	2·523	−22·113	0·90	46. 888	10·2
...	2·476	−32·152	0·75	...	...
...	− 2·411	+50·082	0·80	...	...
...	2·380	+35·720	0·85	...	...
...	2·286	−39·089	0·90	...	...
...	2·145	−41·214	− 5	M *m*	...
...	2·031	−43·930	− 5	M	...
421-480					
421				°	
...	− 1′·658	+32′·036	0·85	...	...
*	1·625	+45·423	0·95	45. 929	9·8
*	1·410	− 9·187	0·95	46. 889	10·2
...	1·289	−37·533	− 5	M	...
...	1·113	−13·590	0·85	...	...
...	− 0·750	+29·803	0·80	...	...
...	0·414	+12·614	0·85	...	...
...	0·321	+22·680	− 5	M *m*	...
...	− 0·101	−60·128	0·65	...	...
...	+ 0·115	−49·605	0·85	46. 890	10·0
431					
...	+ 0·224	−49·754	− 5	...	...
...	0·400	+ 1·730	− 5	M *m*	...
...	0·519	+38·072	0·65	...	...
...	0·661	+14·035	− 3	*m*	...
*	0·891	−19·601	0·95	46. 891	10·0
*	+ 0·901	−43·084	0·90	46. 892	10·2
...	1·138	−19·898	− 1	...	...
...	1·144	+36·478	− 4	*m*	...
...	1·243	+33·715	− 4	*m*	...
...	1·522	−26·007	− 4	...	...
441					
...	+ 1·590	+35·909	− 5	M *m*	...
...	1·621	+46·177	− 5	*m*	...
...	1·838	+52·323	− 5	M *m*	...
...	2·095	− 3·734	0·65	...	...
*	2·146	+19·597	0·85	45. 930	10·0
...	+ 2·163	+35·408	− 3	...	...
...	2·291	−37·601	0·75	...	...
...	2·333	−43·644	− 5	M *m*	...
...	2·847	−27·423	− 1	...	...
...	2·892	+10·541	0·70	45. 931	10·2
451					
...	+ 2·969	− 0·215	− 5	M	...
...	2·978	−39·667	− 4	M	...
...	3·073	−36·083	− 1	...	...
...	3·195	−20·218	− 2	...	...
...	3·393	+43·732	− 5	M *m*	...
...	+ 3·479	−45·416	− 2	...	...
*	3·518	+41·916	2·50	45. 932	8·0
...	3·567	−27·251	− 2	...	...
...	4·071	+18·723	− 5	M *m*	...
...	4·096	−41·519	− 5	M *m*	...
461					
...	+ 4·191	− 8·687	− 5	M *m*	...
*	4·229	− 5·154	1·60	46. 893	8·8
...	4·657	−17·978	− 5	M	...
...	4·727	+51·259	− 4	...	...
...	4·792	−56·506	− 4	...	...
...	+ 5·505	+42·303	0·75	...	...
...	5·528	−30·277	− 1	...	...
*	5·558	+45·987	0·90	45. 933	10·0
...	5·578	− 8·602	− 5	M *m*	...
...	5·615	+55·803	0·85	...	...
471					
...	+ 5·814	− 4·278	− 4	...	...
...	5·832	−31·064	− 1	...	...
...	5·899	−19·045	− 3	...	...
*	5·911	+18·072	0·90	45. 934	9·9
*	6·013	+19·864	0·90	45. 935	9·8
...	+ 6·291	+42·536	− 5	M *m*	...
...	6·315	−51·951	− 5	...	...
...	6·389	−25·182	− 2	...	...
...	6·732	−20·335	− 5	M *m*	...
...	6·763	−22·239	− 4	...	...
481-540					
481				°	
...	+ 6′·817	−26′·329	− 3	...	...
...	7·032	−50·273	− 5	...	...
*	7·075	+49·341	1·20	45. 936	9·4
...	7·326	−29·633	− 2	...	...
...	7·433	−44·739	− 3	...	...
*	+ 7·631	+43·313	0·85	45. 937	10·2
...	7·697	+46·917	− 5	*m*	...
†	7·901	+29·098	0·80	45. 938	10·0
...	8·007	+12·069	− 5	*m*	...
...	8·321	+44·942	− 2	...	...
491					
...	+ 8·735	+29·240	− 3	*a*	...
*	8·750	− 5·551	0·85	46. 894	10·2
...	9·315	+33·514	− 5	*m*	...
...	9·450	+41·492	0·70	...	...
...	9·642	−21·019	− 3	...	...
...	+ 9·740	−44·851	− 4	...	...
†	9·831	−10·764	0·80	46. 895	10·2
...	9·890	−43·308	− 5	...	...
*	10·260	−28·259	0·95	46. 896	10·0
...	10·467	−13·504	− 5	...	...
501					
...	+10·659	−49·514	− 5	...	...
...	10·672	+55·413	− 5	*m*	...
...	10·919	+34·823	5	*m*	...
...	11·019	− 5·606	− 4	...	...
...	11·133	+29·489	− 5	*m*	...
*	+11·176	−58·626	1·15	46. 897	10·0
...	11·566	+20·250	− 5	*m*	...
...	11·593	−35·513	0·75	...	...
*	11·639	−51·273	1·00	46. 898	10·2
*	11·995	−25·303	1·20	46. 899	8·7
511					
...	+12·040	+37·485	− 5	*m*	...
...	12·046	−47·561	0·75	...	...
...	12·105	−57·184	0·85	...	...
...	12·543	−18·002	− 5	...	...
...	12·762	−28·289	− 5	...	...
...	+12·802	+43·912	0·85	...	...
*	13·178	−11·409	0·85	46. 900	10·2
...	13·274	−20·302	0·70	...	...
...	13·290	+27·421	0·70	...	...
*	13·541	−14·282	1·05	46. 901	9·8
521					
*	+13·584	−24·071	1·00	46. 902	9·5
...	13·595	−25·113	− 5	*m*	...
*	13·642	+16·292	0·90	45. 939	10·2
...	13·885	−42·104	− 5	...	...
...	13·973	−35·836	0·70	...	...
...	+14·098	+ 4·811	− 5	*m*	...
...	14·404	+40·932	0·80	...	...
‡	14·409	−30·678	0·90	46. 903	10·0
*	14·559	+23·143	1·10	45. 941	9·9
*	14·597	+36·284	1·00	45. 940	10·0
531					
*	+14·700	−36·624	1·05	46. 904	9·8
†	14·873	−30·662	− 4	...	...
...	15·197	−30·017	0·70	...	...
...	15·288	+15·961	0·65	*a*	...
...	15·511	−59·284	0·85	...	...
...	+15·782	−32·748	− 4	...	...
...	15·921	+29·561	− 5	*m*	...
...	16·082	−30·175	− 4	...	...
...	16·399	−57·088	− 5	...	...
...	16·436	− 3·633	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
541-600					
541					
...	+16′463	+44′350	− 5	° m	...
...	16·643	− 9·194	0·70	...	...
...	16·656	+22·675	0·70	...	...
*	16·702	+27·776	1·60	45. 942	9·1
...	16·813	+41·564	− 5	m	...
...	+16·853	+30·686	− 5	m	...
*	16·919	+32·224	1·05	45. 943	9·8
...	17·015	−10·643	− 5	m	...
...	17·134	−21·895	0·70	...	...
*	17·444	+23·867	1·00	45. 944	9·8
551					
...	+17·634	−34·790	− 5	...	...
...	17·783	−35·342	− 5	...	...
...	17·936	−32·911	− 5	m	...
...	18·068	−14·333	− 5	...	...
...	18·141	+36·770	0·85	...	...
...	+18·484	+41·905	− 5	m	...
*	18·498	−21·413	1·00	46. 905	9·9
...	18·806	+26·464	− 5	m	...
...	18·852	+22·760	0·65	a	...
...	18·900	+35·165	0·85	...	...
561					
...	+18·918	+43·355	0·70	a	...
...	19·036	+14·653	0·70	...	...
...	19·076	+ 8·166	0·80	...	...
...	19·132	−34·931	− 5	...	...
S *	19·235	−25·858	2·00	46. 906	8·2
†	+19·241	−30·723	− 3	...	...
...	19·335	+23·862	− 5	m	...
...	19·400	+30·737	− 4	m	...
...	19·423	+51·940	− 5	m	...
...	19·813	−16·245	− 5	...	...
571					
...	+19·819	−39·982	− 5	m	...
*	19·851	+32·490	1·00	45. 945	10·0
...	20·051	− 2·842	− 4	...	...
...	20·126	+44·715	− 5	m	...
...	20·308	−36·831	− 5	m	...
...	+20·528	− 4·993	− 4	...	...
...	20·647	−58·033	− 5	...	...
...	20·653	+12·052	0·65	...	...
*	20·687	+53·586	1·35	45. 946	9·2
...	20·774	+ 1·645	− 4	m	...
581					
...	+20·789	− 3·260	0·70	...	...
...	21·051	−14·314	− 3	...	...
*	21·060	−33·877	1·60	46. 907	8·8
...	21·064	+25·608	− 2	...	...
...	21·104	+ 7·671	− 5	m	...
...	+21·119	+29·219	− 2	...	...
...	21·142	+12·785	− 1	...	...
...	21·253	−12·026	− 5	m	...
*	21·302	+46·370	1·80	45. 947	8·8
‡	21·324	−20·714	0·80	46. 908	10·2
591					
...	+21·491	+27·587	− 5	m	...
...	21·518	−18·088	− 5	m	...
...	21·638	−38·456	− 5	...	...
...	21·969	+48·764	− 5	m	...
...	22·553	− 3·901	− 4	...	...
*	+22·743	+36·126	0·90	45. 948	9·9
†	22·743	+19·150	− 3	...	...
*	22·932	− 5·670	0·80	46. 909	10·2
*	23·000	− 6·499	0·80	46. 910	10·2
...	23·286	−43·261	− 3	...	...
601-660					
601					
...	+23′701	− 9′845	− 4	° ...	...
...	23·703	−48·355	0·65	...	...
*	23·768	−22·150	0·80	46. 911	10·2
...	24·248	−41·437	− 2	...	...
...	24·403	+43·066	− 5	m	...
...	+24·699	−33·910	− 5	...	...
...	24·834	− 5·178	− 5	m	...
†	24·868	−54·533	− 4	...	...
...	25·034	−24·777	− 3	...	...
†	25·086	+14·148	− 5	m	...
611					
...	+25·121	−42·368	− 1	...	...
...	25·230	+51·608	− 5	m	...
*	25·326	+26·420	0·80	45. 949	10·2
...	26·066	+ 1·319	− 4	m	...
...	26·273	−16·998	− 5	m	...
...	+26·310	+37·885	− 4	m	...
...	26·605	+46·939	− 5	m	...
...	26·834	−43·563	− 3	...	...
...	27·080	+ 3·630	− 5	m	...
...	27·310	+42·069	− 5	m	...
621					
...	+27·487	+16·561	− 5	m	...
*	27·778	+28·457	0·90	45. 950	9·8
...	27·877	−13·327	− 3	...	...
...	27·879	−10·602	− 2	...	...
...	27·978	+ 4·335	− 3	...	...
...	+27·995	+10·900	− 1	...	...
*	28·199	−55·572	0·90	46. 912	9·9
...	28·279	+11·659	− 4	m	...
...	28·727	−42·417	0·75	46. 913	10·2
...	29·434	+14·285	− 5	m	...
631					
...	+29·461	+27·041	− 5	m	...
*	29·643	+27·898	0·80	45. 951	10·2
...	29·751	+29·826	− 4	m	...
...	29·979	+12·871	− 5	m	...
...	30·093	+51·681	− 5	m	...
...	+30·129	+45·977	0·75	...	...
...	30·144	−51·594	− 5	...	...
...	30·317	+19·443	0·70	...	...
...	30·376	−31·770	− 2	...	...
...	30·447	+ 5·910	− 5	m	...
641					
...	+30·665	+55·397	− 5	m	...
...	30·870	+ 1·573	0·70	...	...
*	31·108	−30·613	0·90	46. 914	10·2
...	31·277	+15·219	− 4	m	...
...	31·289	−46·648	− 4	...	...
*	+31·304	+17·183	1·10	45. 952	9·6
...	31·361	−23·932	− 5	m	...
...	31·518	+21·979	0·75	...	...
...	31·544	−52·601	− 5	...	...
...	31·664	+47·449	0·90	...	...
651					
*	+31·709	−51·090	0·95	...	...
...	31·922	+35·739	0·80	...	...
*	31·956	−55·113	1·00	46. 915	10·2
...	31·972	+38·216	− 5	m	...
...	31·972	+ 8·225	− 4	m	...
...	+31·990	− 4·046	− 5	...	...
*	32·085	−59·211	1·30	46. 916	9·8
...	32·087	+58·224	0·90	...	...
...	32·151	+ 3·112	− 2	c	...
N	32·334	−25·196	− 2	a	...
661-720					
661					
...	+32′541	−35′286	− 5	° ...	...
...	32·555	+29·869	− 5	m	...
...	32·668	+15·122	− 4	m	...
...	32·776	−16·584	0·70	...	...
*	32·895	+41·966	1·00	45. 953	10·2
...	+33·165	+39·209	− 2	...	...
*	33·593	−53·103	0·95	...	...
...	33·815	+13·244	0·80	...	...
...	33·938	−18·039	0·75	...	...
...	33·942	+51·092	0·75	...	...
671					
...	+34·077	+ 7·228	− 3	a	...
...	34·077	−19·191	− 5	...	...
...	34·374	+29·387	− 5	m	...
*	34·518	−21·628	1·00	46. 917	9·6
*	34·525	−23·584	0·90	46. 918	10·2
...	+35·052	−26·321	0·80	...	...
...	35·161	−18·328	− 5	m	...
...	35·234	+12·436	0·65	45. 954	10·2
...	35·457	−47·897	− 5	...	...
...	35·492	+17·064	0·65	...	...
681					
...	+35·520	−53·028	− 1	...	...
...	35·526	− 9·459	− 3	...	...
S *	35·649	+17·182	1·50	45. 955	8·8
*	35·668	−21·276	1·20	46. 919	9·5
*	35·831	−51·235	1·60	46. 920	9·6
...	+35·861	−39·545	− 5	m	...
...	35·901	−21·425	− 1	...	...
...	36·073	−46·427	− 5	m	...
...	36·291	+ 6·422	− 5	m	...
...	36·922	+15·529	− 5	m	...
691					
...	+36·942	−16·698	0·75	...	...
...	36·945	− 4·586	− 2	...	...
‡	37·078	+19·180	0·80	45. 956	10·2
...	37·258	+28·682	− 5	m	...
...	37·285	+18·247	− 5	m	...
...	+37·288	+45·238	0·70	...	...
...	37·839	−55·473	− 5	...	...
*	38·289	−13·517	1·00	46. 921	9·9
...	38·401	− 7·480	0·70	...	...
...	38·440	−26·517	− 5	...	...
701					
...	+38·519	+24·803	− 5	m	...
...	38·598	+29·259	− 3	b	...
...	38·736	+31·760	0·90	...	...
...	38·748	−11·998	0·65	...	...
...	38·811	−53·499	− 5	...	...
*	+38·820	−41·789	0·95	46. 923	10·2
...	38·942	−14·339	0·65	...	...
*	39·249	−23·172	1·70	46. 924	8·6
...	39·400	− 5·481	0·80	46. 922	10·2
...	39·434	−45·805	− 4	...	...
711					
...	+39·554	−29·014	− 5	...	...
*	39·758	−15·110	0·90	46. 925	10·2
...	40·204	+38·321	− 5	m	...
...	40·367	− 0·724	0·70	45. 957	10·2
...	40·547	− 6·330	0·65	...	...
...	+40·587	+17·568	− 2	...	...
...	40·823	−26·079	− 3	...	...
...	40·885	−34·951	− 4	...	...
...	41·588	−58·469	− 5	...	...
†	41·646	+54·060	− 2	...	...

660. 47°·40, obscured by réseau.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
721-770					
721	′	′		°	
*	+41·792	+ 3·300	1·35	45. 959	9·2
*	41·876	+10·304	0·80	45. 958	10·2
...	41·951	−13·704	− 5	...	...
...	42·089	+43·293	− 5	...	...
...	42·250	−30·596	− 5	*m*	...
...	+42·269	−30·260	− 3	...	...
...	42·444	+24·645	− 4	*m*	...
...	42·684	+11·319	− 5	*m*	...
...	42·795	−12·546	− 3	...	...
...	42·869	− 0·195	− 2	α	...
731					
...	+43·011	−22·513	− 5	*m*	...
*	43·092	+54·676	0·80	45. 960	9·9
...	43·097	−21·962	− 5	*m*	...
...	43·247	−41·009	− 3	...	...
...	43·450	−39·884	0·65	...	...
...	+43·461	− 4·205	− 2	...	...
...	43·689	−26·966	− 2	...	...
...	43·733	−17·872	− 5	...	...
...	43·884	+32·602	− 3	...	...
...	43·918	−41·632	− 5	*m*	...
741					
...	+44·483	+36·484	− 1	...	...
...	44·497	− 0·399	− 5	*m*	...
*	44·778	+29·450	1·50	45. 963	9·4
‡	44·894	+48·405	1·05	45. 961	9·5
...	44·949	+13·252	− 5	*e*	...
...	+45·000	+25·769	− 2	...	...
*	45·011	+54·136	1·35	45. 962	9·6
...	45·240	−20·444	− 1	...	...
...	45·251	+33·183	− 4	*m*	...
...	45·324	+30·345	− 1	...	...
751					
†	+45·514	+14·127	0·70	45. 965	10·2
...	46·014	+34·939	0·80	45. 964	10·2
...	46·161	+56·649	− 4	...	...
*	46·243	+25·276	0·90	45. 966	10·0
...	46·398	+47·524	− 4	...	...
...	+46·498	+25·225	− 4	*e*	...
...	46·711	+18·425	0·80	...	...
‡	46·793	−15·821	0·80	46. 926	10·2
...	46·938	+35·046	− 3	...	...
...	47·140	+43·191	− 5	*m*	...
761					
...	+47·335	+41·941	− 3	...	...
...	47·707	−36·089	− 3	...	...
...	48·005	−39·700	− 3	...	...
...	48·098	+42·084	− 3	...	...
...	48·311	−56·061	0·75	...	...
...	+48·397	−60·114	0·75	46. 927	10·2
...	48·472	+46·352	− 5	*m*	...
S *	48·647	+29·216	2·20	45. 967	8·0
...	48·815	+41·428	− 5	...	...
‡	49·186	+44·069	0·95	45. 968	10·0

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
771-820					
771	′	′		°	
...	+49·200	+27·375	− 5	*m*	...
...	49·232	−16·849	− 5	...	...
S *	49·248	−49·018	1·70	46. 928	9·4
*	49·258	+12·794	0·85	45. 969	10·0
...	49·349	−53·423	− 5	...	...
...	+49·627	+25·828	− 1	...	...
...	50·064	+ 5·394	− 5	*m*	...
...	50·564	−32·418	− 5	...	...
...	50·620	−12·709	− 4	...	...
...	50·665	−30·883	0·70	...	...
781					
...	+50·762	+ 9·532	− 5	*m*	...
*	50·876	+31·583	1·05	45. 970	9·8
...	50·980	+ 0·780	− 5	*m*	...
...	51·139	+20·967	0·65	*e*	...
...	51·184	−49·047	− 5	...	...
...	+51·731	−33·022	− 5	...	...
...	52·556	− 2·849	− 2	...	...
...	52·791	− 2·567	− 5	...	...
...	52·860	+13·178	0·65	...	...
*	53·001	−46·533	1·05	46. 929	10·2
791					
...	+53·009	+ 7·326	0·65	...	...
...	53·240	+22·635	− 5	*m*	...
...	53·271	+15·340	− 4	*e*	...
*	53·382	−35·462	1·10	46. 930	9·8
...	53·388	−42·067	− 5	...	...
...	+53·578	−27·198	− 5	...	...
...	53·661	− 3·171	− 5	...	...
...	53·738	+12·079	− 5	*m*	...
*	53·832	− 8·847	1·00	46. 931	9·9
...	53·959	+36·466	− 5	...	...
801					
...	+53·977	+39·259	− 5	*e*	...
...	54·165	+ 5·792	− 5	*e*	...
...	54·170	−12·494	0·65	...	...
*	54·287	+51·057	0·90	45. 971	10·2
*	54·300	−30·587	1·00	46. 933	10·2
...	+54·391	+12·000	− 5	*e*	...
...	54·429	−19·660	− 5	*m*	...
*	54·446	− 4·318	0·90	46. 932	10·2
...	54·988	+ 0·267	0·70	...	...
...	55·053	+25·377	− 5	*m*	...
811					
...	+55·144	− 6·421	− 5	*m*	...
...	55·153	+24·427	0·70	...	...
...	55·421	+20·099	− 5	*m*	...
...	55·540	−15·183	− 3	...	...
...	55·769	+16·921	− 4	*m*	...
...	+55·829	−56·034	− 4	*e*	...
...	56·299	+23·966	0·70	...	...
...	56·495	+ 5·439	0·70	...	...
*	56·620	+48·189	2·60	45. 972	8·4
...	56·718	−45·170	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
821-845					
821	′	′		°	
*	+56·997	+ 0·788	1·00	45. 973	9·9
...	57·246	+ 3·624	− 5	*m*	...
...	57·322	−33·140	− 5	...	...
*	57·689	−54·091	1·50	46. 934	9·8
...	57·741	+ 9·902	− 5	*m*	...
...	+57·865	−11·424	− 3	...	...
...	57·874	−10·911	− 5	...	...
...	57·879	+20·938	− 4	*e*	...
...	58·073	+25·122	− 5	*m*	...
n *	58·436	+15·489	1·15	45. 974	9·5
831					
...	+58·589	+24·254	0·70	...	...
...	58·596	+39·720	− 4	*e*	...
n	58·671	+15·206	0·80	45. 974	9·5
...	58·722	−51·906	0·90	46. 937	10·2
...	58·959	+ 6·121	− 5	*m*	...
*	+59·022	+42·408	2·70	45. 975	8·2
*	59·056	− 6·591	1·00	46. 935	9·8
...	59·123	+13·990	− 5	*m*	...
...	59·163	+ 6·709	− 5	*m*	...
...	59·216	+54·678	− 5	*m*	...
841					
...	+59·297	− 7·405	0·70	...	...
...	59·421	+ 9·064	0·75	...	...
...	59·509	+55·357	− 5	*m*	...
*	59·601	− 7·509	1·00	46. 936	9·8
†	59·788	−15·644	0·70	46. 938	10·2

830, 833. C.P.D., possibly mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
1-60					
1				° ′	
†	−59·831	+56·464	−4	...	...
†	59·825	+30·105	−3	...	...
...	59·706	+13·018	−5	E	...
...	59·700	−41·277	−5	...	...
...	59·693	−27·222	−3	...	...
...	−59·517	−40·126	−3	...	...
...	59·322	+47·327	−3	...	...
...	59·284	+34·725	0·90	45. 964	10·2
...	59·140	+13·910	0·80	45. 965	10·2
*	58·759	+25·074	0·95	45. 966	10·0
11					
...	−58·514	+25·028	−4	E	...
...	58·365	+34·864	−4	...	...
...	58·329	−20·660	−3	...	...
...	58·216	+41·777	−2	...	...
...	58·078	+18·237	0·80	...	...
...	−57·460	+41·935	−4	...	...
*	56·934	−15·990	0·90	46. 926	10·2
...	56·697	+41·308	−5	...	...
S*	56·479	+29·085	2·70	45. 967	8·0
*	56·421	+43·951	1·00	45. 968	10·0
21					
...	−55·408	+25·737	0·70	...	...
...	55·387	−36·212	−5	...	...
*	55·373	+12·695	0·90	45. 969	10·0
†	54·981	−39·808	−4	...	...
...	54·482	−16·928	−5	...	...
*	−54·331	+31·519	1·20	45. 970	9·8
...	54·156	−56·163	0·70	...	...
...	53·754	+20·922	−3	E	...
S*	53·442	−49·079	1·40	46. 928	9·4
...	53·196	−12·747	−5	...	...
31					
...	−52·689	+59·748	−5	A	...
...	52·586	−30·911	0·70	...	...
...	51·786	+13·187	−2	...	...
...	51·588	− 2·832	−3	...	...
...	51·529	+51·102	0·90	45. 971	10·2
...	−51·498	−49·052	−5	...	...
...	51·474	+39·287	−5	E	...
...	51·443	+ 7·345	−1	...	...
...	51·430	+51·361	−5	E	...
...	51·414	+36·511	−4	...	...
41					
...	−51·346	− 2·548	−5	...	...
...	50·575	+59·209	0·70	44.1013	10·2
...	50·472	− 3·123	−5	...	...
...	50·260	+ 5·847	−5	E	...
...	50·206	+12·056	−5	E	...
*	−50·117	− 8·795	0·90	46. 931	9·9
...	49·839	+24·501	−4	...	...
...	49·768	−46·477	−1	46. 929	10·2
*	49·715	−35·397	1·10	46. 930	9·8
...	49·670	−12·415	−3	...	...
51					
*	−49·643	− 4·242	0·80	46. 932	10·2
...	49·243	+ 0·362	−4	...	...
*	49·105	+48·300	2·10	45. 972	8·4
...	48·959	−30·499	0·90	46. 933	10·2
...	48·684	+24·079	−4	...	...
...	−48·215	−15·073	−4	...	...
...	47·918	+ 5·576	−3	...	...
*	47·255	+ 0·930	1·00	45. 973	9·9
...	47·021	+21·103	−5	E	...
...	46·941	+25·291	−5	B	...
61-120					
61				° E	
...	−46·853	+39·889	−5	E	...
...	46·620	−55·903	−5	E	...
*	46·524	+42·597	2·20	45. 975	8·2
...	46·456	+26·190	−4	...	...
...	46·397	+24·438	−4	...	...
n*	−46·289	+15·678	1·20	45. 974	9·5
n	46·032	+15·397	−3		
...	46·003	−10·750	−5	...	...
...	46·002	−11·245	−4	...	...
...	45·865	−32·971	−5	...	...
71					
...	−45·545	+52·041	−5	...	...
...	45·097	+ 9·278	−2	...	...
†	44·969	+38·467	−4	...	...
‡	44·963	− 6·370	0·95	46. 935	9·8
*	44·843	−53·888	1·20	46. 934	9·8
...	−44·704	− 7·170	−4	...	...
*	44·393	− 7·261	0·85	46. 936	9·8
...	44·326	+40·000	0·80	45. 976	10·2
...	44·071	+17·311	−5	M	...
...	43·945	−15·396	−1	46. 938	10·2
81					
...	−43·882	−51·664	−2	46. 937	10·2
....	43·598	+43·421	−4	...	...
...	43·368	+17·964	−4	...	...
*	43·252	−15·098	0·85	46. 939	10·2
S*	43·122	− 5·386	2·10	46. 940	8·2
...	−42·748	− 0·174	−4	α	...
*	42·660	−25·807	1·20	46. 941	9·5
...	42·658	+21·706	−2	...	...
...	42·623	− 2·048	−1	...	...
...	42·431	−30·043	−2	...	...
91					
...	−41·326	+22·316	−4	...	...
*	41·307	−22·565	1·00	46. 942	9·6
...	41·101	+ 9·926	−4	A	...
...	40·387	+52·284	0·75	45. 977	10·2
...	40·223	−41·474	−3	...	...
...	−39·756	−22·120	−1	...	...
...	39·702	− 2·525	−5	...	...
...	39·594	− 1·666	−5	M	...
...	39·537	−29·307	0·65	...	...
*	39·518	+32·117	0·95	45. 978	9·8
101					
...	−39·476	+23·799	−2	...	...
*	39·368	−44·211	0·90	46. 943	10·0
...	39·229	+20·587	−5	M	...
...	39·079	+11·342	−5	M	...
...	38·744	+53·517	−5	M	...
...	−38·613	−48·041	−3	...	...
...	38·534	+ 9·655	−4	A	...
*	38·423	− 7·909	0·80	46. 945	10·0
*	38·289	+ 2·323	0·90	45. 979	10·2
...	38·273	−49·749	0·80	46. 944	10·2
111					
...	−38·147	+16·738	−4	A	...
*	37·837	−12·128	0·85	46. 946	10·2
...	37·689	+33·287	0·70	...	...
*	37·351	−22·290	0·85	46. 947	10·0
...	36·956	−20·729	−4	...	...
...	−36·920	− 3·085	0·75	46. 948	10·2
...	36·898	+21·241	−5	M	...
...	36·845	−17·817	−4	...	...
...	36·793	+15·103	0·75	...	...
...	36·581	−24·576	−4	...	...
121-180					
121				°	
*	−35·947	−11·267	0·85	46. 949	10·2
...	35·684	+14·039	0·75	...	...
...	35·456	−17·366	−4	...	...
...	35·410	+47·790	−5	...	...
...	35·078	+55·450	−4	...	...
...	−35·029	+46·536	−4	...	...
...	34·818	− 8·042	−5	M	...
*	34·719	− 7·966	1·15	46. 950	9·5
...	34·674	+ 1·938	−5	M	...
...	34·146	−43·163	0·65	46. 951	10·2
131					
...	−34·052	−16·072	−4	...	...
...	33·978	+11·779	−3	B	...
...	33·970	+11·389	0·70	45. 980	10·2
...	33·742	− 7·396	−4	...	...
*	33·430	+31·761	1·80	45. 981	8·6
...	−33·423	+31·113	−4	B	...
...	33·420	− 0·371	−4	...	...
...	33·339	− 6·847	0·70	...	...
...	33·207	−52·171	−5	...	...
...	33·203	−52·557	−4	...	...
141					
†	−33·096	− 4·693	−1	...	...
...	32·983	−15·804	−5	...	...
...	32·500	+32·400	−3	...	...
†	32·271	+50·141	0·65	...	...
S*	32·150	−33·216	1·20	46. 952	9·0
...	−31·995	−51·021	−5	...	...
*	31·745	−15·866	0·80	46. 953	10·2
...	31·685	+39·306	−5	M	...
...	31·558	− 0·908	−2	...	...
...	31·462	+20·585	−5	M	...
151					
*	−31·263	+21·020	0·80	45. 982	10·0
...	31·034	−17·963	−2	...	...
...	30·792	+56·238	−4	...	...
...	30·763	+53·595	−1	...	...
...	30·377	+44·064	0·65	...	...
...	−30·060	+48·711	−5	M	...
...	29·903	+ 6·576	−3	45. 983	10·2
...	29·621	− 3·339	−4	...	...
...	29·486	+14·561	−3	...	...
*	29·074	+59·415	1·20	44.1030	9·6
161					
...	−28·998	+54·008	−5	M	...
*	28·829	+34·092	0·95	45. 984	10·0
...	28·722	−49·425	−4	...	...
...	28·583	+43·299	0·65	45. 985	10·2
...	28·568	+29·737	−1	...	...
...	−27·918	+23·623	−5	M	...
†	27·810	−44·629	−5	...	...
...	27·557	+22·065	−3	...	...
*	27·475	+ 3·282	1·20	45. 986	9·5
...	27·339	+38·927	−5	M	...
171					
...	−27·199	−28·116	−1	46. 954	10·2
...	27·175	+28·384	−4	...	...
...	27·007	−23·678	−5	...	...
*	26·653	+ 9·884	0·80	45. 987	10·2
...	26·631	+ 6·399	−5	M	...
...	−26·616	−16·460	0·65	46. 955	10·2
...	26·181	+35·964	−5	M	...
...	26·030	−46·586	−4	...	...
...	25·922	+24·924	−2	...	...
...	25·903	+34·074	−4	...	...

ES measured from 1, 96, 207, 330, 456, 568.
MC ,, ,, 47, 157, 275, 400, 519, 639.

66, 67. C.P.D., possibly mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
181-240					
181					
...	−25·856	+35·463	− 3	...	...
...	25·459	−13·998	− 1	46. 956	10·2
...	25·420	+18·898	− 4	A	...
...	25·264	−13·616	− 4	...	...
...	25·254	+33·502	− 5	...	...
...	−25·170	− 5·033	− 4	...	...
...	24·859	−29·563	− 3	...	...
...	24·796	−48·952	− 1	46. 957	10·2
...	24·630	− 5·175	− 4	...	...
...	24·440	−31·153	− 2	...	...
191					
...	−24·323	+19·557	− 5	A	...
...	24·005	+19·944	− 4	...	...
...	23·599	+ 1·219	− 4	D	...
*	23·582	−30·184	1·10	46. 958	9·6
...	23·506	+56·447	− 5	M	...
*	−23·382	+ 4·074	0·80	45. 988	10·0
*	23·105	+53·789	1·00	45. 989	9·8
*	22·636	−50·108	1·00	46. 959	10·0
...	22·488	+ 9·584	− 4	...	...
*	22·396	−17·093	1·50	46. 960	9·0
201					
...	−21·987	+58·359	− 5	...	...
...	21·460	+42·662	− 5	M	...
*	21·347	+37·158	1·00	45. 990	9·6
...	20·993	− 3·384	− 2	...	...
S *	20·635	+20·834	1·15	45. 991	9·1
...	−20·140	−38·110	− 4	...	...
...	19·866	−32·918	− 5	...	...
*	19·526	−38·140	0·90	46. 961	9·8
...	19·437	−24·455	0·70	...	...
*	19·375	−11·976	1·20	46. 962	9·6
211					
...	−19·254	+55·867	0·65	45. 992	10·2
...	19·205	+14·011	− 5	M	...
...	18·472	+27·650	− 3	...	...
...	17·944	− 1·615	− 4	...	...
...	17·745	+ 8·609	− 5	M	...
...	−17·727	−15·519	− 4	...	...
†	17·682	+50·140	− 3	...	...
...	17·641	−24·335	− 5	...	...
...	17·631	+31·378	− 4	...	...
S *	17·625	+58·936	1·80	44.1037	8·2
221					
...	−17·532	−19·610	− 3	...	...
*	17·513	−34·019	0·80	46. 963	10·2
...	17·497	−57·630	− 5	M	...
...	17·438	−57·775	− 4	...	...
...	17·139	−45·457	− 4	...	...
*	−16·924	+49·216	1·90	45. 993	8·4
...	16·669	− 1·340	− 2	...	...
*	16·543	−19·562	0·80	46. 964	10·2
*	16·277	+44·784	0·90	45. 994	10·0
*	16·205	+52·711	0·95	45. 995	9·8
231					
*	−15·959	−19·972	0·85	46. 965	10·0
...	15·861	+24·423	− 2	...	...
†	15·768	−14·651	− 5	M	...
*	15·633	+32·738	1·05	45. 996	9·5
*	15·288	+14·386	0·95	45. 997	9·6
...	−15·188	−19·769	− 5	...	...
...	15·165	+48·997	− 3	...	...
...	15·142	+23·850	− 2	...	...
...	14·859	+38·054	− 2	...	...
*	14·822	− 5·541	0·80	46· 966	10·2
241-300					
241					
...	−14·728	−59·371	− 5	...	...
...	14·690	+ 6·732	− 5	M	...
...	14·534	+51·244	− 2	...	...
...	14·180	+44·015	− 5	M	...
...	13·860	−47·340	− 3	...	...
...	−13·661	+50·430	− 5	M	...
*	13·502	−49·848	0·90	46. 967	10·2
...	13·472	−18·082	− 5	M	...
...	13·454	−26·693	− 3	...	...
*	13·452	+18·208	1·00	45. 998	9·6
251					
...	−13·395	−19·080	0·70	...	...
n	13·091	+41·897	0·65	45. 999	10·2
...	13·090	−30·664	− 4	...	...
n	12·935	+42·128	0·70	45. 999	10·2
...	12·715	−44·027	− 5	...	...
...	−12·662	+26·423	− 4	A	...
...	12·496	−26·039	− 2	...	...
...	12·430	−50·882	− 5	...	...
...	12·210	+24·530	− 4	A	...
*	12·072	−22·320	0·85	46. 968	10·2
261					
...	−12·009	−28·915	− 3	...	...
...	11·816	−37·359	− 5	...	...
...	11·760	−29·140	− 5	...	...
...	11·582	+35·368	− 2	...	...
...	11·399	+32·611	− 5	M	...
...	−11·369	+16·737	− 1	...	...
...	11·171	−37·625	0·70	...	...
...	11·131	−45·771	− 3	...	...
...	10·574	+ 6·209	− 5	M	...
...	10·571	+12·429	0·70	...	...
271					
...	−10·461	−55·229	− 5	...	...
...	10·216	+57·646	− 5	M	...
*	10·198	+37·703	0·80	...	...
...	10·105	+29·825	− 4	A	...
...	9·440	+ 4·930	− 4	M	...
...	− 9·305	−32·547	− 3	...	...
...	9·261	−22·452	− 5	...	...
...	9·199	+10·299	− 5	M	...
*	9·043	+54·097	1·20	45.1000	9·8
...	8·456	+33·989	− 5	M	...
281					
*	− 8·256	− 6·176	1·00	46. 970	9·9
*	8·182	−29·112	1·00	46. 969	9·8
...	7·716	−40·140	− 5	...	...
S *	7·009	−22·518	1·30	46. 971	9·1
...	6·859	− 7·220	− 5	...	...
...	− 6·758	−26·022	− 4	...	...
...	6·756	−37·047	− 3	...	...
*	6·705	−57·272	1·20	46. 972	9·5
...	6·268	+24·165	− 3	...	...
...	6·191	+27·300	− 3	45.1001	10·2
291					
...	− 5·995	−25·532	− 5	...	...
...	5·730	− 0·878	− 4	...	...
...	5·654	−21·400	0·80	...	...
...	5·554	− 6·045	− 3	46. 974	10·2
...	5·457	−52·500	− 4	...	...
...	− 5·443	+27·173	− 4	M	...
...	5·438	− 4·190	− 4	*m*	...
...	5·361	−21·789	− 4	...	...
*	5·282	+56·740	1·00	45.1002	9·6
...	4·931	−47·690	0·65	46. 975	10·2
301-360					
301					
...	− 4·613	+28·873	− 4	M	...
...	4·543	−30·951	− 3	...	...
S *	4·062	+44·595	1·40	45.1003	9·0
*	4·021	−20·813	1·20	46. 976	9·4
...	3·975	−25·624	− 3	...	...
...	− 3·754	+ 7·179	− 5	M *m*	...
...	3·707	+54·566	− 5	M	...
...	3·586	+12·573	− 4	M	...
...	3·464	+12·473	0·75	45.1004	10·0
...	3·313	+ 8·508	− 1	45.1005	10·2
311					
...	− 3·238	+ 8·224	− 3	M	...
S *	3·237	−55·983	1·40	46. 978	8·6
...	3·215	−34·953	0·65	46. 977	10·2
...	3·173	− 3·224	− 3	...	...
...	2·683	+51·651	− 3	...	...
...	− 2·502	+48·361	0·90	45.1006	10·2
...	2·143	−11·491	− 5	M *m*	...
...	1·931	− 1·556	− 1	...	...
...	1·687	−33·230	− 3	...	...
...	1·464	−44·885	− 2	46. 979	10·2
321					
...	− 1·377	−42·419	− 5	...	...
...	1·272	+37·290	− 5	M *m*	...
*	1·261	−47·188	1·00	46. 980	9·9
*	1·185	+43·366	1·20	45.1007	9·5
...	1·133	− 2·450	− 3	...	...
...	− 1·054	+37·574	− 5	M *m*	...
...	0·658	+45·982	− 3	...	...
...	0·249	−40·865	− 5	...	...
†	− 0·115	− 6·033	− 4	...	...
*	+ 0·070	+18·723	1·10	45.1008	9·4
331					
...	+ 0·335	+50·785	− 4	...	...
...	0·600	−41·719	− 1	...	...
*	0·836	−52·295	0·90	46. 981	10·2
...	0·962	−49·426	− 5	...	...
...	1·048	−43·263	− 3	...	...
...	+ 1·248	− 2·040	0·70	...	...
...	1·650	−30·449	− 2	...	...
...	1·876	− 4·842	− 5	M *m*	...
†	2·025	−29·681	− 4	...	...
...	2·255	+23·148	− 5	M *m*	...
341					
...	+ 2·295	+ 9·589	− 5	M *m*	...
*	2·490	+19·709	0·90	45.1009	10·0
...	2·516	+13·610	− 2	...	...
*	2·640	+ 7·433	0·90	45.1010	9·9
...	2·665	−13·142	− 5	M *m*	...
...	+ 2·682	+31·467	− 5	M *m*	...
...	2·852	− 4·414	− 5	*m*	...
*	3·072	+ 8·256	0·95	45.1011	9·8
...	3·217	+55·977	− 1	45.1012	10·2
*	3·293	−16·564	0·85	46. 982	10·2
351					
*	+ 3·309	−53·019	1·00	46. 984	9·8
N	3·328	− 1·813	0·65	46. 983	10·2
N	3·352	− 1·855	0·65		
*	3·376	+51·542	1·10	45.1013	9·5
...	3·406	+11·020	− 5	M *m*	...
...	+ 3·445	+37·080	− 3	B *m*	...
...	3·483	− 2·704	− 4	...	...
...	3·528	+37·687	− 2	...	...
...	3·589	+43·515	− 5	M *m*	...
...	3·650	+47·646	− 4	M	...

252, 254. C.P.D., suspected double.
352, 353. 47°·40, 47°·41, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
361–420					
361					
...	+ 3′828	+31′905	− 5	M m	...
...	3·843	+45·560	− 3	M	...
...	4·233	+35·751	− 5	M m	...
*	4·362	−57·996	1·00	46. 986	9·9
*	4·510	+28·307	1·00	45.1015	9·6
...	+ 4·555	−51·998	0·65	..	...
*	4·562	+53·099	0·90	45.1014	10·2
...	4·689	− 5·313	− 5	M m	...
...	4·805	−50·187	− 5	...	...
...	4·805	−40·323	− 2	...	...
371					
...	+ 4·830	+31·729	− 5	M m	...
...	5·467	− 6·176	− 5	M m	...
...	5·576	−24·047	− 5	...	...
...	5·681	+36·713	− 5	M m	...
*	5·709	−50·967	1·90	46. 987	8·6
...	+ 5·747	−24·031	− 5	m	...
...	6·179	+25·272	0·70	45.1016	10·2
...	6·183	+49·450	− 4	M m	...
...	6·519	+21·995	− 4	M m	...
...	6·589	− 6·450	− 1	...	...
381					
...	+ 6·697	−45·750	− 5	...	...
...	7·006	+ 8·608	− 5	M m	...
*	7·309	+34·794	0·90	45.1017	9·9
...	7·353	−43·274	− 4	...	...
...	7·526	+12·775	− 3	...	...
...	+ 7·535	+46·300	− 2	...	...
...	8·102	−45·612	− 5	...	...
...	8·214	+16·197	− 5	m	...
...	8·599	−49·128	− 5	...	...
...	8·678	−53·515	− 5	...	...
391					
...	+ 8·908	−34·504	0·65	...	...
...	8·926	−38·528	− 4	...	...
...	9·055	−18·534	− 5	...	...
...	9·154	+27·351	− 5	m	...
*	9·172	+28·835	0·90	45.1018	9·8
...	+ 9·216	+28·881	− 3	a	...
*	9·506	+ 3·785	0·85	45.1020	10·2
*	9·515	+38·830	0·95	45.1019	9·8
*	9·552	+ 1·202	0·80	45.1021	10·2
...	9·955	− 6·330	− 4	...	...
401					
...	+10·460	+ 8·640	− 3	...	...
...	10·880	+ 0·428	− 5	m	...
...	10·970	+56·988	− 5	m	...
...	11·053	+57·463	− 4	...	...
...	11·493	+45·460	− 5	m	...
...	+11·579	− 7·443	− 4	...	...
†	11·904	+20·220	− 4	...	...
...	11·919	−37·896	− 2	...	...
...	11·976	+40·547	− 2	...	...
*	12·163	−54·351	0·95	46. 988	10·0
411					
...	+12·303	−13·321	− 3	...	...
...	12·479	+44·524	− 1	...	...
...	12·514	+52·870	− 5	m	...
...	12·722	+53·418	− 3	...	...
...	12·906	+53·125	− 3	a	...
*	+13·583	−49·786	0·85	46. 989	10·2
...	13·720	+35·856	− 5	m	...
*	13·888	− 8·325	0·85	46. 990	10·0
...	13·953	+25·002	− 4	...	...
...	14·138	+36·269	− 4	...	...
421–480					
421					
...	+14′229	−21′576	− 4	...	...
...	14·327	−28·690	0·75	46. 991	10·2
...	14·545	+27·876	− 4	...	...
...	14·823	+47·045	− 4	...	...
‡	14·867	−58·404	1·80	46. 992	8·4
...	+15·093	−22·650	− 5	...	...
...	15·132	− 7·010	− 4	...	...
...	15·136	+10·593	− 5	m	...
...	15·321	+31·883	− 5	m	...
...	15·426	+49·120	− 5	m	...
431					
...	+15·565	−21·785	− 4	...	...
*	15·891	−46·355	0·90	46. 993	10·2
...	15·915	−26·131	− 2	...	...
...	16·001	−10·974	− 4	...	...
*	16·052	+ 5·093	1·00	45.1022	10·0
...	+16·699	−43·989	− 5	...	...
...	16·740	+12·736	− 3	...	...
...	17·505	−14·299	− 5	...	...
...	17·548	+ 8·148	− 5	m	...
...	17·610	+10·106	− 5	m	...
441					
...	+18·032	−26·854	− 5	...	...
...	18·044	+24·865	− 1	45.1024	10·2
...	18·111	+18·863	− 2	45.1023	10·2
*	18·333	+28·176	1·00	45.1026	9·9
*	18·352	+13·065	1·00	45.1025	9·6
*	+18·475	−40·181	1·80	46. 994	8·4
...	18·582	−17·774	− 5	...	...
...	18·800	+22·373	− 1	45.1027	10·2
...	18·833	+32·629	− 5	m	...
n*	18·998	+32·353	1·40		
451				45.1028	9·1
n	+18·999	+32·079	− 1		
*	19·218	− 1·212	1·20	45.1029	9·4
...	19·220	−27·658	− 3	...	...
...	19·313	+27·584	− 4	...	...
...	19·711	+23·949	− 4	...	...
*	+20·090	−47·531	1·40	46. 995	9·4
...	20·174	−53·361	− 1	...	...
...	20·439	+ 45·692	− 5	m	...
...	20·499	+46·349	− 4	...	...
α	20·602	− 0·071	0·65	45.1030	10·0
461					
...	+20·725	−49·819	0·65	46. 996	10·0
...	20·728	+19·000	− 5	m	...
...	20·816	+18·824	− 5	m	...
...	21·249	+ 6·372	− 3	b	...
...	21·257	−29·007	− 2	...	...
...	+21·310	−39·839	− 2	...	...
...	21·500	+11·444	− 4	b	...
*	21·722	−54·516	1·20	46. 997	9·4
†	21·813	−29·663	− 4	...	...
*	22·272	−56·698	0·90	46.1000	9·8
471					
*	+22·343	− 3·772	0·90	46. 998	9·6
...	22·433	−12·741	− 3	...	...
...	22·541	−46·610	− 5	...	...
S *	22·640	−12·913	1·50	46. 999	8·4
...	22·753	−38·989	− 3	...	...
...	+22·835	+45·561	− 1	...	...
*	22·898	−42·844	0·95	46.1002	9·7
*	22·954	+39·317	0·80	45.1031	10·0
...	23·079	+47·661	− 4	...	...
*	23·152	−12 613	1·00	46.1001	9·6
481–540					
481					
...	+23′558	−23′133	− 3	...	...
*	23·581	−41·349	0·95	46.1003	9·9
S *	23·686	−49·916	2·60	46.1004	7·2
...	23·707	− 9·081	− 2	...	...
...	24·177	+41·539	− 5	m	...
...	+24·243	−12·449	0·65	...	...
...	24·611	−16·483	− 5	...	...
...	24·935	− 0·005	− 3	α	...
*	24·985	−44·951	2·70	46.1005	7·1
...	25·041	+ 9·755	− 4	...	...
491					
...	+25·356	+24·714	− 5	m	...
*	25·596	−35·855	1·90	46.1006	8·2
...	25·621	+ 1·501	− 4	...	...
...	25·918	+52·383	− 5	m	...
...	26·068	− 0·066	− 5	β	...
...	+26·206	+ 9·361	− 4	...	...
...	26·245	−18·161	0·65	46.1007	10·0
...	26·270	+ 1·168	− 5	m	...
...	26·308	−19·176	− 3	...	...
...	26·371	−18·515	− 3	...	...
501					
...	+27·249	+45·406	0·80	45.1032	10·0
...	27·472	−23·654	− 5	m	...
...	27·788	−18·266	− 4	...	...
...	27·819	+35·661	− 4	...	...
†	28·023	+40·137	− 4	b	...
*	+28·170	− 1·166	0·95	45.1033	9·4
...	28·202	+11·818	− 5	m	...
...	28·469	−24·122	− 2	...	...
...	28·567	−28·062	− 4	...	...
...	28·711	−20·963	− 5	...	...
511					
*	+28·712	−27·737	0·95	46.1008	9·4
...	28·718	+57·584	− 5	m	...
...	29·126	+43·726	− 2	...	...
α	29·139	− 0·050	− 1	45.1034	10·0
...	29·329	+10·665	− 4	...	...
...	+29·487	−23·890	− 5	m	...
...	29·549	+15·286	0·70	...	...
†	29·792	−44·166	0·65	...	...
‡	29·882	−49·597	1·60	46.1009	8·8
...	30·154	−12·954	− 4	...	...
521					
...	+30·313	−55·179	− 3	46.1010	10·0
*	30·445	−54·309	1·00	46.1011	9·7
S *	30·622	+ 6·427	1·75	45.1035	8·6
...	30·914	+44·877	− 5	...	...
...	31·359	+31·251	− 5	m	...
...	+31·854	+ 3·411	− 5	m	...
...	32·139	+43·588	− 5	...	...
...	32·287	−39·582	− 5	...	...
...	32·518	+28·925	− 5	m	...
...	33·260	+52·996	− 3	...	...
531					
*	+33·321	+10·879	1·00	45.1036	9·5
...	33·393	+35·240	− 5	...	...
...	33·415	+ 4·136	− 1	...	...
...	33·866	+ 7·998	− 4	...	...
...	33·953	+18·759	− 4	...	...
...	+34·139	+22·039	− 5	m	...
...	34·417	−36·017	− 2	...	...
...	34·912	+27·743	− 5	...	...
*	35·115	−11·552	1·10	46.1012	9·5
...	35·406	− 4·081	− 5	...	...

450, 451. C.P.D., possibly mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
541-590					
541				°	
...	+35′421	+50′602	− 4	...	...
...	35·543	− 4·395	− 5	*m*	...
*	35·823	−24·229	1·10	46.1013	9·4
*	35·898	−37·201	1·00	46.1014	9·9
...	36·044	−19·642	− 5	...	...
...	+36·069	+37·745	− 2	...	...
...	36·249	−55·522	− 5	...	...
...	36·284	+ 1·317	− 5	...	...
...	36·332	+11·564	− 3	45.1037	10·0
...	36·720	+24·646	0·65	...	...
551					
...	+36·750	+41·412	− 4	...	...
...	36·759	+21·934	− 3	...	...
...	36·817	+10·351	− 2	...	...
...	37·307	+ 9·854	− 3	...	...
...	37·369	+58·155	− 5	...	...
...	+37·405	−32·426	− 5	...	...
...	37·443	+57·371	− 4	...	...
...	38·086	− 2·507	− 5	...	...
...	38·139	+16·024	− 5	*m*	...
...	38·209	−47·542	− 5	...	...
561					
...	+38·349	−31·385	− 4	...	...
‡	38·574	−59·526	1·00	46.1015	9·6
...	38·815	−32·658	− 5	...	...
...	38·919	−47·482	− 4	...	...
...	39·239	−11·663	− 4	...	...
...	+39·408	+ 4·390	0·65	45.1038	10·0
...	39·687	+ 5·769	− 4	...	...
...	39·867	−17·591	− 5	...	...
*	40·143	+31·744	1·00	45.1039	9·5
*	40·202	−12·051	0·85	46.1016	10·0
571					
...	+40·288	−31·551	0·70	...	...
...	40·349	+15·771	− 5	...	...
...	40·356	+52·724	0·90	45.1040	10·0
*	40·448	+ 5·595	0·80	45.1041	10·0
...	40·758	+44·458	− 5	*m*	...
...	+40·931	−49·222	− 4	...	...
...	41·534	+ 6·078	− 3	*a*	...
...	41·565	+19·892	0·70	45.1044	10·0
...	41·719	+51·611	0·80	45.1042	10·0
...	41·741	+52·091	0·95	45.1043	10·0
581					
...	+41·769	−25·496	0·70	...	...
...	41·920	+24·297	0·75	...	...
...	42·004	−47·010	− 3	...	...
n	42·024	−28·966	0·80	46.1017	9·7
...	42·224	+23·854	0·70	...	...
*n**	+42·317	−29·035	0·95	46.1017	9·7
...	42·375	−12·011	0·70	...	...
...	42·500	− 2·322	− 5	*m*	...
...	42·803	+10·340	− 3	...	...
...	42·850	+44·744	− 5	*m*	...
591-640					
591				°	
...	+42′951	+ 8′115	− 3	...	...
...	43·142	+ 7·127	− 3	...	...
*	43·347	−19·829	0·85	46.1018	9·7
*	43·400	−17·331	0·95	46.1019	9·5
...	43·776	−45·336	− 5	*m*	...
...	+43·782	+57·758	− 5	*m*	...
...	43·907	+28·322	− 3	...	...
*	43·911	−21·095	0·85	46.1020	9·7
*	43·922	−21·024	0·85		
...	43·981	−59·138	− 5	...	...
601					
...	+44·017	−25·460	− 5	*m*	...
*	44·042	− 9·351	0·85	46.1021	10·0
...	44·058	+50·518	− 4	...	...
...	44·145	− 8·043	− 5	*m*	...
...	44·632	+ 1·692	− 5	*e*	...
...	+45·007	− 9·248	0·70	46.1022	10·0
...	45·055	+34·769	− 4	*a*	...
...	45·147	+28·296	− 5	*m*	...
*	45·194	+10·389	0·85	45.1045	10·0
...	45·467	−24·930	− 5	...	...
611					
...	+45·670	+46·581	− 5	...	...
*	45·683	− 7·002	0·90	46.1023	10·0
...	45·907	+ 2·286	− 5	*m*	...
...	46·057	−46·431	0·65	...	...
...	46·090	−14·623	− 5	...	...
...	+46·112	−25·857	− 2	...	...
...	46·121	− 8·183	0·65	...	...
...	46·126	+11·256	− 5	*e*	...
...	46·340	−42·074	− 3	...	...
...	46·369	+48·399	0·90	45.1046	10·0
621					
...	+46·409	−19·969	− 4	...	...
*	46·575	+ 0·974	0·95	45.1047	10·0
...	46·991	−40·516	− 5	...	...
...	46·998	−48·163	− 5	...	...
...	47·181	− 4·082	− 2	...	...
...	+47·509	−45·227	0·70	46.1024	10·0
...	47·575	+37·703	− 4	*e*	...
...	47·628	−35·932	− 4	...	...
...	47·689	+43·392	− 5	*e*	...
...	47·774	+33·556	− 5	*e*	...
631					
...	+48·088	+ 9·405	− 3	...	...
...	48·337	+49·935	− 3	...	...
...	48·600	−35·507	− 5	...	...
...	48·613	+20·364	− 4	...	...
*	48·916	−38·505	1·25	46.1025	9·4
...	+49·434	− 6·460	− 2	...	...
...	49·533	−41·430	− 5	...	...
*	49·577	+25·474	0·90	45.1048	10·0
‡	49·842	−27·150	1·30	46.1027	9·0
*	49·939	−17·337	1·40	46.1026	9·0
641-687					
641				°	
...	+50′254	+ 1′158	− 4	...	...
...	50·459	−38·024	− 5	...	...
...	50·561	−22·877	− 4	...	...
...	50·566	+ 7·774	− 4	...	...
...	50·607	+26·915	− 4	...	...
*	+50·792	−29·569	0·90	46.1028	9·9
...	51·064	+22·340	− 4	...	...
...	51·106	−38·225	− 1	46.1030	10·0
...	51·146	+41·667	− 4	...	...
*	51·202	+44·112	1·20	45.1049	9·4
651					
...	+51·406	−27·066	− 4	...	...
*	51·609	−13·180	1·40	46.1029	9·0
...	51·734	− 9·192	− 4	...	...
...	51·924	+20·325	− 4	*e*	...
...	52·087	−12·173	− 1	46.1031	10·0
...	+52·163	+ 8·730	− 3	...	...
*	52·960	+53·052	1·30	45.1050	9·4
...	53·054	− 7·127	− 5	...	...
...	53·115	−17·793	− 4	...	...
...	53·602	+ 7·776	− 4	...	...
661					
...	+53·925	− 1·687	− 3	...	...
...	54·884	+ 8·129	− 4	...	...
...	54·887	− 8·032	− 5	...	...
...	55·207	−54·737	− 5	...	...
*	55·251	+57·174	1·00	45.1051	10·0
...	+55·548	+34·259	− 5	...	...
...	55·624	+16·328	− 4	...	...
*	56·116	+13·494	1·10	45.1053	9·4
...	56·312	−35·729	− 5	...	...
†	56·330	− 9·685	− 5	...	...
671					
...	+56·437	−10·346	− 4	...	...
...	56·450	+54·843	− 5	...	...
S *	56·561	+43·281	2·00	45.1052	8·4
S *	56·798	−35·248	1·80	46.1032	8·4
...	56·942	−44·228	− 4	...	...
*	+57·053	−29·442	1·20	46.1033	10·0
*	57·222	+51·978	1·60	45.1054	9·1
...	57·388	−29·626	− 4	...	...
*	57·605	−34·528	1·20	46.1034	9·5
...	57·661	−35·942	− 5	...	...
681					
...	+57·750	−44·925	− 4	...	...
...	57·956	+12·471	− 4	...	...
...	57·991	+51·794	− 3	...	...
...	58·281	+ 1·811	− 4	...	...
*	58·367	−40·540	1·00	46.1035	9·9
...	+58·543	−19·949	− 5	...	...
...	59·410	+ 0·609	− 2	...	...

584, 586. C.P.D., suspected double.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. -1.	C.P.D. No.	C.P.D. Mag.
1-60					
1	′	′	°		
‡ [	−59·651	−21·258	1·20	46.1020	9·7
‡ [	59·643	−21·326	1·20		
†	59·618	+ 1·473	− 4	E	...
†	59·371	+10·161	1·00	45.1045	10·0
*	59·370	+48·206	1·30	45.1046	10·0
*	−58·918	− 9·462	1·10	46.1022	10·0
...	58·461	+11·063	− 4	E	...
...	58·382	−59·375	− 5	...	...
*	58·317	− 7·193	1·20	46.1023	10·0
...	58·007	+54·811	− 5	M	...
11					
...	−57·902	+43·236	− 4	E	...
...	57·828	− 8·371	− 1	...	...
...	57·822	+37·545	− 3	E	...
*	57·671	+ 0·807	1·40	45.1047	10·0
†	57·655	−14·825	− 4	...	...
...	−57·494	− 7·210	− 5	M	...
...	57·488	+33·412	− 4	E	...
...	57·466	+49·802	− 1	...	...
...	57·306	−26·032	− 1	...	...
...	57·173	−20·144	− 3	...	...
21					
...	−56·909	− 4·230	− 1	...	...
...	56·718	−46·602	− 1	...	...
...	56·562	−42·240	− 3	...	...
...	56·435	+ 9·281	− 1	...	...
...	56·252	+20·252	− 4	...	...
...	−55·961	−40·661	− 5	...	...
...	55·737	−48·305	− 3	...	...
...	55·470	−36·056	− 3	...	...
*	55·433	+25·395	1·00	45.1048	10·0
...	55·309	−45·348	1·20	46.1024	10·0
31					
...	−55·114	+40·922	− 5	M	...
...	54·595	− 6·526	− 1	...	...
...	54·465	+26·865	− 1	...	...
*	54·400	+44·067	1·90	45.1049	9·4
...	54·393	+41·613	− 2	...	...
*	−54·092	−38·588	1·90	46.1025	9·4
...	54·013	+ 1·103	− 2	...	...
...	53·990	+ 1·142	− 5	M	...
...	53·918	+ 7·727	0·90	...	...
...	53·852	+22·301	0·65	...	...
41					
*	−53·741	−17·388	2·00	46.1026	9·0
...	53·701	+20·782	− 3	B	...
...	53·635	− 3·674	− 5	M	...
...	53·626	+57·051	− 3	...	...
*	53·534	−27·212	2·00	46.1027	9·0
...	−53·300	−54·209	− 5	...	...
...	52·961	−22·921	0·95	...	...
...	52·948	+20·308	− 3	E	...
*	52·919	+53·063	2·00	45.1050	9·4
...	52·892	−28·507	− 5	...	...
51					
...	−52·575	−38·063	− 4	...	...
*	52·516	−29·602	1·20	46.1028	9·9
...	52·351	+ 8·726	1·00	...	...
...	52·204	− 9·203	− 2	...	...
*	52·198	−13·191	1·90	46.1029	9·0
...	−51·983	−27·084	− 2	...	...
...	51·955	−27·353	− 4	...	...
*	51·927	−38·245	1·20	46.1030	10·0
†	51·860	+54·961	− 2	...	...
*	51·764	−12·160	1·00	46.1031	10·0

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. -1.	C.P.D. No.	C.P.D. Mag.
61-120					
61	′	′	°		
...	−51·463	−19·306	− 4	...	...
...	51·303	−15·812	− 5	...	...
...	51·205	−57·309	− 5	...	...
...	51·182	−26·665	− 5	...	...
...	51·077	+45·736	− 5	M	...
...	−50·947	− 7·085	− 2	...	...
...	50·872	+ 7·827	0·90	...	...
*	50·759	+57·240	1·40	45.1051	10·0
...	50·547	−17·755	− 3	...	...
...	50·299	+13·282	− 4	M	...
71					
...	−50·241	− 1·628	1·00	...	...
...	50·215	−18·810	− 4	...	...
...	50·056	+18·419	− 3	M	...
...	49·816	+33·612	− 4	M	...
...	49·771	+34·342	− 2	...	...
...	−49·605	−32·885	− 4	...	...
...	49·599	+ 8·208	0·70	...	...
†	49·509	+54·957	0·75	...	...
*	49·115	+16·431	0·85	...	...
...	49·090	− 7·946	− 1	...	...
81					
S *	−49·018	+43·412	2·80	45.1052	8·4
...	48·992	−42·514	0·70	...	...
*	48·623	+52·104	2·10	45.1054	9·1
...	48·536	+59·457	− 4	...	...
*	48·529	+13·619	1·80	45.1053	9·4
...	−48·446	+17·895	− 5	M	...
...	48·340	+18·050	− 3	M	...
...	48·117	−43·680	− 5	...	...
...	47·997	− 1·960	− 5	M	...
*	47·867	+51·960	1·15	...	...
91					
...	−47·596	− 9·572	− 3	...	...
...	47·462	−10·205	0·70	...	...
†	47·309	−54·625	0·65	...	...
...	47·259	− 4·621	− 5	M	...
...	46·880	−33·652	− 4	M	...
...	−46·790	−35·579	0·70	...	...
...	46·747	+27·448	− 2	A	...
...	46·665	+12·644	0·75	...	...
...	46·435	−35·988	− 5	M	...
...	46·363	− 3·268	− 4	M	...
101					
S *	−46·318	−35·085	2·20	46.1032	8·4
...	46·297	+19·892	− 4	M	...
*	46·251	−29·282	1·35	46.1033	10·0
...	46·232	− 1·254	− 5	M	...
...	46·008	+ 2·008	0·75	...	...
...	−45·895	−44·062	0·85	...	...
...	45·891	−29·469	0·85	...	...
...	45·762	−44·594	− 5	M	...
*	45·525	−34·348	1·60	46.1034	9·5
...	45·454	+38·903	− 1	...	...
111					
...	−45·434	−35·767	0·65	...	...
...	45·380	− 0·478	− 2	α	...
...	45·082	+54·923	− 5	M	...
†	45·068	−44·745	0·90	...	...
†	45·052	−19·747	0·70	...	...
†	−44·968	+55·079	− 1	...	...
*	44·840	+ 0·841	0·95	...	...
...	44·795	+30·601	− 4	M	...
†	44·751	+39·811	− 5	M	...
...	44·647	−53·684	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. -1.	C.P.D. No.	C.P.D. Mag.
121-180					
121	′	′	°		
...	−44·639	−42·142	− 5	M	...
*	44·597	−40·322	1·15	46.1035	9·9
...	44·448	+30·365	0·75	...	...
...	44·371	+43·647	0·85	45.1056	10·0
...	44·353	+23·124	0·70	...	...
*	−44·291	+ 5·725	1·90	45.1055	9·1
*	44·258	+21·667	2·10	45.1057	8·8
...	44·121	+42·874	0·65	...	...
...	44·026	−32·439	− 4	...	...
...	43·909	+58·294	0·90	...	...
131					
...	−43·867	+13·085	− 5	M	...
...	43·859	− 1·134	0·70	...	...
...	43·814	+19·004	− 5	M	...
...	43·737	+40·515	0·80	...	...
...	43·728	−21·382	− 4	...	...
...	−43·583	+53·238	− 5	M	...
...	43·436	+37·928	− 4	M	...
...	43·207	−11·281	− 4	M	...
*	43·185	+12·145	1·00	45.1058	10·0
...	42·939	−28·687	− 1	...	...
141					
*	−42·858	+47·177	1·05	...	...
...	42·760	−12·976	− 2	...	...
...	42·728	− 9·223	− 5	M	...
...	42·375	+28·980	− 5	M	...
...	42·325	−16·913	− 5	M	...
...	−42·248	− 9·310	− 5	M	...
...	42·210	+ 7·670	− 5	M	...
...	42·168	+50·715	0·65	...	...
...	42·100	−36·292	− 5	...	...
...	41·922	−31·271	− 5	M	...
151					
...	−41·748	−29·252	0·75	...	...
...	41·647	−49·471	− 1	...	...
...	41·557	+21·991	− 5	M	...
*	41·388	−33·063	1·15	46.1036	9·9
...	41·278	−39·944	0·70	...	...
...	−41·160	−13·336	− 5	M	...
...	41·106	+25·961	− 5	M	...
...	41·106	+15·990	− 4	M	...
...	40·987	+24·905	− 4	M	...
*	40·948	+33·786	1·00	45.1059	10·0
161					
...	−40·884	+ 8·337	− 5	M	...
...	40·771	−17·248	0·75	...	...
...	40·735	−38·291	0·70	...	...
...	40·679	− 4·471	0·80	...	...
...	40·294	+34·473	0·65	...	...
...	−40·126	−51·942	0·65	...	...
†	40·047	−24·760	− 3	...	...
...	40·003	+15·738	0·65	B	...
...	39·967	+ 4·928	− 4	M	...
...	39·886	+39·658	0·65	...	...
171					
...	−39·834	−27·630	− 4	M	...
‡	39·789	+10·365	0·95	45.1060	10·0
†	39·745	+43·139	0·65	...	...
†	39·719	+24·210	− 5	M	...
†	39·677	+21·323	− 5	M	...
...	−39·387	−39·498	− 4	...	...
...	39·276	+51·171	0·95	...	...
...	39·219	−53·200	− 3	...	...
...	39·111	+44·960	− 4	M	...
*	38·920	+53·158	1·10	45.1061	10·0

MC measured from 1, 174, 372, 571, 762, 976.
ES ,, ,, 76, 261, 462, 646, 854, 1065.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−1.	No.	Mag.
181–240					
181				°	
...	−38′763	−20′735	0·75	...	...
*	38·671	+24·763	1·40	45.1062	9·4
...	38·551	+34·405	− 2	...	...
*	38·312	−30·021	1·30	46.1037	10·0
*	38·306	−32·070	1·10	...	...
*	−38·216	−27·693	2·00	46.1038	9·1
...	38·128	+ 5·479	− 4	M	...
*	38·104	+30·570	1·00	45.1063	10·0
...	38·083	+32·977	− 5	M	...
...	38·022	−15·566	− 4	M	...
191					
	−37·927	−50·230	− 5	...	...
...	37·886	+ 6·888	− 5	M	...
...	37·792	−15·400	− 1	...	...
...	37·459	+20·205	− 4	M	...
...	37·319	+26·060	0·95	...	...
...	−37·066	+30·253	− 4	M	...
*	37·004	−35·874	3·60	46.1039	7·6
...	36·925	+ 4·226	− 4	M	...
*	36·771	−22·083	1·50	46.1040	9·5
...	36·534	+56·498	− 5	M	...
201					
...	−36·316	+47·774	0·95	...	...
...	36·220	−20·825	− 4	...	...
...	36·158	−29·047	0·85	...	...
...	36·151	− 3·756	1·00	46.1041	10·0
...	36·011	+44·723	− 5	M	...
...	−35·942	+27·230	− 3	...	...
*	35·862	−28·301	1·10	46.1042	10·0
...	35·833	+45·159	− 5	M	...
*	35·706	−38·753	0·95	...	...
...	35·636	+31·597	− 4	M	...
211					
†	−35·578	+44·998	1·00	45.1065	10·0
*	35·553	+32·736	4·00	45.1064	7·1
...	35·427	−15·757	− 4	M	...
...	35·267	+ 2·342	0·65	...	...
...	35·237	+46·241	− 5	M	...
†	−35·193	+20·088	− 4	M	...
...	35·165	−11·670	− 1	...	...
*	35·154	+58·301	1·30	44.1110	9·8
*	35·030	+42·731	1·00	...	...
...	34·562	+24·932	− 5	M	...
221					
...	−34·529	+39·327	− 4	M	...
...	34·484	+ 4·280	− 3	M	...
...	34·323	+16·640	− 3	M	...
...	34·316	+19·200	− 4	M	...
*	34·270	+ 1·643	1·30	45.1066	9·7
...	−33·993	−47·636	− 2	...	...
...	33·955	+46·460	− 2	...	...
*	33·927	−28·955	1·00	...	...
...	33·900	−29·962	− 5	M	...
...	33·854	−45·066	− 4	...	...
231					
*	−33·788	−46·928	0·95	...	...
...	33·780	+50·161	− 5	M	...
...	33·460	− 4·748	− 4	M	...
...	33·302	+25·407	− 3	M	...
...	33·122	−37·491	− 4	...	...
*	−33·054	−26·166	1·20	46.1043	9·9
...	32·569	−22·942	− 4	...	...
*	32·192	−45·017	1·00	46.1044	10·0
...	32·113	+ 3·797	− 4	M	...
...	32·088	−12·234	0·75	...	...
241–300					
241				°	
...	−32′026	+44′403	− 1	...	...
...	31·865	− 1·335	− 2	...	...
...	31·568	−37·838	− 3	...	...
*	31·446	+32·202	1·20	45.1067	9·8
...	31·383	−57·329	− 4	...	...
...	−31·296	+10·951	1·00	45.1068	10·0
*	31·191	−14·711	1·10	46.1045	10·0
‡	31·147	+39·968	3·20	45.1069	7·8
...	31·097	−23·339	− 3	...	...
...	31·062	− 5·640	− 3	...	...
251					
...	−30·867	+36·205	− 1	...	...
...	30·840	+10·220	− 5	M	...
...	30·598	− 1·409	− 4	M	...
*	30·427	−38·521	1·00	...	...
...	30·267	−28·979	1·00	...	...
...	−30·258	+15·655	− 3	M	...
S *	30·069	− 3·028	2·85	46.1047	8·2
*	30·067	−30·612	6·00	46.1046	6·8
...	29·926	−37·224	− 4	...	...
...	29·923	− 9·217	− 4	...	...
261					
...	−29·724	−26·800	− 5	M	...
...	29·582	+52·267	− 5	M	...
*	29·529	+13·327	0·95	45.1070	10·0
*	29·433	− 4·500	1·00	46.1049	9·7
...	29·397	+ 3·050	− 2	B	...
...	−29·366	− 0·189	− 4	M	...
...	29·339	−33·271	− 4	...	...
*	29·307	−12·801	1·15	46.1048	9·7
...	29·291	+49·262	− 5	M	...
...	29·104	+25·921	− 3	M	...
271					
...	−28·943	−50·329	1·00	46.1050	10·0
...	28·893	+43·153	− 5	M	...
...	28·677	−47·448	− 3	...	...
...	28·654	+21·083	− 3	M	...
...	28·619	−40·377	− 5	M	...
...	−28·426	− 3·093	− 2	...	...
...	28·402	−10·600	0·70	...	...
...	28·276	−41·075	− 5	M	...
...	28·231	− 9·020	− 4	M	...
...	28·136	−41·306	0·90	...	...
281					
‡	−28·051	+10·184	1·05	45.1071	9·7
*	27·986	−42·219	0·95	46.1051	10·0
...	27·974	−26·906	− 1	...	...
*	27·959	−36·006	1·60	46.1052	9·4
...	27·900	+ 1·949	0·65	A	...
...	−27·817	−48·496	− 3	...	...
...	27·650	−27·154	0·70	...	...
...	27·648	−31·629	0·90	...	...
...	27·431	−40·502	0·80	...	...
...	27·342	+44·028	0·75	...	...
291					
*	−27·329	−24·542	1·10	46.1053	9·6
...	27·219	−10·392	0·65	...	...
*	27·026	+25·949	0·95	...	...
*	26·948	−11·159	1·20	46.1054	9·7
...	26·894	−23·251	− 5	M	...
...	−26·889	− 5·675	− 2	...	...
...	26·867	−37·636	− 5	M	...
...	26·769	+16·481	0·75	...	...
...	26·748	+13·047	− 5	M	...
...	26·743	+24·268	− 4	M	...
301–360					
301				°	
...	−26′715	+34′749	− 4	M	...
...	26·588	+53·080	− 5	M	...
...	26·320	+57·457	− 5	M	...
...	26·291	+58·481	0·65	...	...
...	26·268	−37·474	− 3	...	...
...	−26·265	+14·169	0·70	...	...
...	26·150	+52·325	0·65	...	...
*	26·105	−15·071	2·00	46.1055	8·8
...	26·059	−59·321	− 5	...	...
...	26·019	+48·064	− 4	M	...
311					
...	−25·994	−24·916	− 4	M	...
...	25·881	−57·147	− 4	...	...
...	25·840	+36·854	− 2	B	...
...	25·577	+46·428	− 5	M	...
...	25·554	−23·560	0·90	...	...
...	−25·134	−38·124	− 5	...	...
...	25·126	+46·401	0·75	...	...
...	25·043	+22·897	− 2	M	...
...	25·043	−44·029	− 5	M	...
...	25·024	+ 4·753	− 5	M	...
321					
‡	−24·807	+ 0·456	2·00	45.1072	9·0
...	24·568	−34·879	− 4	...	...
...	24·129	−46·708	0·65	...	...
...	24·114	+42·696	− 1	...	...
...	23·922	+33·211	− 2	B	...
*	−23·913	−13·270	1·10	46.1056	9·8
...	23·870	−33·683	− 3	...	...
...	23·586	+51·958	− 5	M	...
...	23·540	+ 5·453	0·70	...	...
...	23·373	+22·578	− 2	M	...
331					
...	−23·343	+37·780	− 5	M	...
...	23·268	+45·436	− 4	M	...
...	23·086	−10·814	− 4	M	...
...	23·042	−10·201	− 5	...	...
...	22·922	− 5·027	− 3	M	...
...	−22·884	+15·450	− 2	M	...
...	22·708	−29·322	− 4	...	...
...	22·652	− 8·068	− 1	...	...
...	22·609	− 6·896	− 5	M	...
...	22·577	−20·555	− 5	M	...
341					
...	−22·487	+36·902	− 2	B	...
...	22·323	−49·619	− 4	...	...
*	22·321	+16·106	1·00	45.1073	10·0
...	22·230	+43·131	0·90	...	...
S *	22·206	−51·039	2·10	46.1057	8·8
‡	−22·181	−59·579	2·00	46.1058	9·2
...	22·158	+ 6·086	− 4	M	...
...	22·117	−50·383	− 5	M	...
...	22·089	−15·301	− 4	M	...
*	22·040	−41·201	2·00	46.1059	8·8
351					
...	−21·918	−52·468	1·00	46.1060	10·0
...	21·773	−47·202	0·65	...	...
...	21·666	+ 5·821	− 5	M	...
...	21·549	−57·424	− 3	...	...
...	21·274	− 4·230	− 5	M	...
...	−21·214	+19·520	0·75	...	...
...	21·177	+12·500	− 4	M	...
...	21·056	− 4·386	− 4	M	...
*	20·966	−23·868	0·95	...	...
...	20·907	−36·212	− 3	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
361-420					
361					
...	−20·895	−39·444	− 5	...	...
...	20·814	+33·174	− 4	M	...
*	20·602	+56·835	1·00	45.1074	10·0
...	20·553	+38·900	− 5	M	...
...	20·520	−19·638	− 4	M	...
...	−20·515	−42·553	− 5	M	...
...	20·514	+39·740	0·75	...	...
...	20·430	+19·252	0·80	...	...
...	20·428	+44·644	− 5	M	...
...	20·385	+30·909	− 5	M	...
371					
*	−20·376	−27·318	1·05	46.1061	9·8
†	19·791	− 6·559	− 4	...	...
†	19·714	−49·683	− 3	...	...
...	19·666	+ 2·837	− 3	...	...
...	19·591	−56·093	− 2	...	...
...	−19·558	+27·327	− 5	M	...
...	19·523	+ 4·886	− 2	...	...
...	19·456	−37·604	− 1	...	...
...	19·333	+48·183	− 4	M	...
...	19·279	−36·935	− 2	...	...
381					
...	−19·256	+56·101	− 5	M	...
...	18·769	− 1·642	− 3	M	...
...	18·354	−34·076	− 3	...	...
*	18·294	−42·313	1·30	46.1062	9·9
...	18·275	−53·887	− 4	...	...
...	−18·254	− 0·724	0·65	...	...
...	18·016	+ 1·130	− 3	...	...
...	17·962	−22·629	− 3	...	...
...	17·838	+21·961	− 5	M	...
...	17·725	+22·331	− 5	M	...
391					
...	−17·690	− 7·162	0·85	...	...
...	17·653	−39·130	− 5	...	...
...	17·619	−23·432	− 5	M	...
...	17·353	+ 1·478	− 3	M	...
...	17·193	+53·208	− 4	...	...
...	−16·914	−13·854	− 3	...	...
...	16·656	+54·815	− 1	...	...
*	16·641	−39·124	1·00	...	...
...	16·636	+42·568	− 4	M	...
...	16·624	+28·176	1·00	...	...
401					
...	−16·562	−25·818	− 1	...	...
‡	16·399	+ 5·090	1·90	45.1075	9·2
...	16·165	+25·916	0·85	...	...
...	16·006	−49·324	− 4	...	...
...	15·926	−44·402	− 4	...	...
...	−15·846	+11·160	− 4	M	...
...	15·766	+50·973	− 5	M	...
...	15·722	− 9·646	− 5	M	...
...	15·492	−37·056	− 4	...	...
...	15·478	−29·920	− 2	...	...
411					
†	−15·372	+45·085	− 3	M	...
...	15·204	+47·790	− 4	M	...
...	15·204	+25·611	− 2	...	...
...	15·128	−28·231	− 1	...	...
*	15·114	−56·999	1·70	46.1063	9·4
...	−15·069	−47·249	− 5	...	...
‡	14·739	−18·925	2·00	46.1065	9·0
‡	14·735	−41·797	2·00	46.1064	8·8
...	14·717	+ 6·398	0·85	...	...
...	14·676	+27·556	− 3	M	...
421-480					
421					
...	−14·536	−19·390	− 4	...	...
†	14·525	+50·056	0·80	...	...
...	14·316	−57·080	− 5	...	...
...	14·315	−40·466	− 1	...	...
...	14·150	+ 4·420	− 5	M	...
...	−13·875	+36·859	− 4	M	...
...	13·692	+32·758	− 2	...	...
...	13·520	+32·154	− 5	M	...
...	13·462	−40·720	− 3	...	...
...	13·312	−58·176	− 5	...	...
431					
...	−13·292	−59·252	− 5	...	...
*	12·795	+54·612	1·40	45.1076	9·7
...	12·635	−19·314	− 1	...	...
...	12·325	−43·323	− 1	...	...
...	12·208	+54·707	− 3	...	...
...	−12·175	−57·544	− 4	...	...
†	12·043	−44·745	− 4	...	...
...	12·001	−28·226	− 4	M	...
...	12·000	−25·824	− 4	...	...
*	11·954	−56·972	1·00	46.1066	10·0
441					
...	−11·709	− 7·609	− 5	M	...
*	11·646	+32·749	1·00	45.1077	10·0
...	11·636	−44·292	− 5	...	...
...	11·299	−13·785	− 4	M	...
...	11·294	+ 3·325	− 5	M	...
...	−11·260	− 6·691	− 3	...	...
...	11·228	− 2·990	− 3	...	...
...	11·091	−25·378	− 5	M	...
*	11·083	+ 9·190	1·20	45.1078	9·7
...	10·883	−37·795	− 4	...	...
451					
*	−10·812	− 8·251	1·20	46.1067	10·0
...	10·739	+26·946	− 3	M	...
...	10·614	+17·909	− 3	M	...
...	10·588	+12·825	− 4	M	...
...	10·475	−15·268	− 4	...	...
*	−10·424	+36·328	1·00	...	...
...	10·402	+18·920	− 3	M	...
...	10·146	+ 7·867	0·95	...	...
...	10·029	−56·018	− 5	M	...
...	9·970	−25·872	− 1	...	...
461					
...	− 9·916	+32·486	− 4	M	...
...	9·773	−25·493	− 5	M	...
...	9·636	−29·683	− 2	...	...
*	9·595	−41·022	1·15	46.1068	9·8
...	9·452	+17·051	0·80	...	...
...	− 9·407	−25·271	− 5	M	...
...	9·356	−37·686	− 5	M	...
*	8·955	+48·262	0·95	45.1079	10·0
*	8·890	+12·925	1·15	45.1080	9·7
...	8·866	+13·126	− 3	M	...
471					
...	− 8·806	+43·828	− 5	M	...
...	8·743	− 3·523	− 5	M	...
...	8·717	−48·552	− 3	...	...
...	8·635	+13·225	− 5	M	...
...	8·462	+ 0·003	− 4	M	...
...	− 8·413	+48·448	− 5	M	...
...	8·371	+29·529	− 5	M	...
...	8·225	−18·322	− 5	M	...
...	8·062	−52·543	− 5	*m*	...
...	7·928	− 5·038	0·70	...	...
481-540					
481					
...	− 7·766	+21·307	− 3	M	...
...	7·731	−48·984	0·80	...	...
...	7·715	−52·136	− 5	M *m*	...
...	7·636	+48·072	− 5	M	...
*	7·635	−38·201	1·00	46.1069	10·0
...	− 7·576	+10·049	− 5	M *m*	...
*	7·498	+39·702	1·70	45.1081	9·4
...	7·481	+24·371	− 5	M *m*	...
...	7·453	+42·981	− 4	M	...
...	7·296	+47·218	0·80	...	...
491					
...	− 7·292	−41·243	− 3	*m*	...
...	7·135	−30·908	0·75	...	...
...	7·128	−28·386	− 3	M *m*	...
...	7·125	+53·433	− 5	M *m*	...
...	7·060	−17·648	0·70	...	...
...	− 6·991	+27·514	− 5	M *m*	...
...	6·839	−50·417	0·65	...	...
...	6·836	− 7·844	0·65	*m*	...
*	6·810	+40·984	1·70	45.1082	9·4
*	6·751	−13·580	1·80	46.1070	9·5
501					
...	− 6·532	−23·832	− 2	*m*	...
...	6·493	−35·229	0·80	...	...
...	6·420	+29·517	− 5	M *m*	...
...	6·372	−22·425	0·80	...	...
...	6·361	+23·270	− 5	M *m*	...
*	− 6·332	+32·849	1·00	45.1083	10·0
...	6·238	+55·700	− 1	A *m*	...
...	5·795	−53·629	0·65	...	...
...	5·621	−38·679	− 5	M *m*	...
...	5·547	+37·714	− 5	M *m*	...
511					
...	− 5·490	−53·686	0·85	...	...
*	5·214	−41·594	1·90	46.1071	9·0
...	5·151	+40·874	0·75	...	...
S *	5·020	+ 4·442	2·90	45.1084	8·2
...	4·985	−15·733	− 4	M *m*	...
†	− 4·888	−29·947	0·70	...	...
...	4·724	+19·900	− 5	M *m*	...
...	4·438	−26·353	− 5	M *m*	...
...	4·417	+58·306	0·70	...	...
*	4·387	−22·063	1·20	46.1072	9·7
521					
...	− 4·344	+47·731	− 5	M *m*	...
...	4·118	−23·734	− 5	M *m*	...
...	3·987	+55·986	0·80	...	...
...	3·833	−56·825	0·80	...	...
...	3·793	−40·622	− 5	M *m*	...
...	− 3·788	+18·221	− 2	*m*	...
†	3·760	+35·042	0·80	...	...
...	3·754	+22·183	− 2	M *m*	...
...	3·714	+13·323	− 2	M *m*	...
...	3·710	+21·461	− 5	M *m*	...
531					
...	− 3·676	−34·990	− 5	*m*	...
...	3·667	+45·704	0·65	*m*	...
...	3·576	−15·132	− 4	M *m*	...
...	3·540	−19·180	0·85	...	...
...	3·512	−25·849	− 5	*m*	...
...	− 3·511	+ 8·965	0·75	...	...
...	3·338	+16·718	− 5	M *m*	...
...	3·255	+53·385	0·70	M	...
...	2·946	−49·232	0·70	...	...
...	2·463	+17·186	− 5	M *m*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
541-600					
541					
...	− 2′188	+16′091	− 1	Å *m*	...
...	2·108	+32·817	− 4	M *m*	...
...	2·095	+53·523	− 4	M *m*	...
...	2·088	+51·287	0·75	...	...
...	2·014	−51·872	− 3	...	...
...	− 2·008	+33·227	− 5	M *m*	...
...	2·005	− 5·575	− 5	M *m*	...
...	1·678	−20·920	− 3	M *m*	...
...	1·626	+50·067	− 3	M *m*	...
...	1·526	−22·058	0·70	...	...
551					
S *	− 1·471	−41·157	2·70	46.1073	7·9
...	1·259	+42·571	0·65	...	...
...	1·236	+47·952	− 4	M *m*	...
...	1·220	− 5·190	− 2	B *m*	...
...	1·207	−40·874	− 5	M *m*	...
...	− 0·939	+43·843	0·75	...	...
*	0·938	− 2·533	1·05	46.1074	10·0
...	0·916	− 6·962	− 2	B *m*	...
*	0·908	−56·737	0·95	...	...
...	0·812	−13·268	− 5	M *m*	...
561					
...	− 0·797	−30·778	0·80	...	...
*	0·677	− 1·561	1·05	45.1085	10·0
...	0·639	−18·413	0·70	...	...
...	0·603	−31·710	− 5	M *m*	...
...	0·524	−15·320	− 4	M *m*	...
...	− 0·499	−58·622	0·65	...	...
*	0·322	−48·256	1·10	46.1076	10·0
.	0·303	−15·909	− 5	M *m*	...
*	− 0·095	−22·917	1·80	46.1075	9·2
‡	+ 0·099	−50·703	1·15	46.1078	9·6
571					
†	+ 0·180	−13·131	− 3	...	...
...	0·242	+45·260	− 4	M *m*	...
...	0·410	+48·420	− 5	M *m*	...
...	0·731	+39·865	− 5	M *m*	...
...	0·746	−30·698	− 4	M	...
...	+ 0·879	−35·549	− 3	...	...
...	1·026	+ 8·489	− 4	M *m*	...
...	1·435	−13·755	− 3	...	...
...	1·696	−37·224	− 5	M *m*	...
...	1·750	−38·139	− 3	...	...
581					
...	+ 1·751	+17·721	− 5	M *m*	...
*	1·786	−51·639	1·20	46.1079	10·0
...	1·812	−48·623	− 4	*m*	...
S *	2·013	+41·356	2·15	45.1086	8·6
...	2·175	−31·943	− 5	M *m*	...
‡	+ 2·250	+ 5·227	2·00	45.1087	8·8
...	2·321	+58·349	− 4	M *m*	...
...	2·369	+53·441	− 1	...	...
...	2·461	−22·419	− 5	M *m*	...
*	2·513	+16·808	1·10	45.1088	9·9
591					
*	+ 2·774	+25·247	1·00	45.1089	10·0
...	2·811	− 0·068	− 5	M *m*	...
...	2·921	−35·214	− 3	...	...
...	3·123	+ 9·239	− 4	M *m*	...
...	3·174	+34·121	− 2	M	...
...	+ 3·513	−20·089	0·65	...	...
...	3·752	−31·656	− 5	M *m*	...
...	3·794	+24·712	− 5	M *m*	...
...	3·797	+27·376	− 4	M *m*	...
...	3·914	−36·346	− 5	M *m*	...
601-660					
601					
...	+ 4′878	−13′404	− 3	°M	...
...	5·236	+27·370	− 4	M *m*	...
...	5·254	+47·600	− 5	M *m*	...
...	5·386	+ 5·360	− 3	M *m*	...
*	5·636	+51·209	1·10	45.1090	10·0
...	+ 5·922	−49·220	− 3	...	...
...	6·019	+ 7·174	− 5	M *m*	...
...	6·327	−58·153	− 5	...	...
...	6·435	+49·185	− 4	M *m*	...
*	6·512	+32·913	1·00	45.1091	10·0
611					
...	+ 6·649	−11·324	− 4	M	...
...	6·706	−24·139	0·95	...	...
...	6·773	+51·830	− 4	*m*	...
*	6·851	−37·075	1·20	46.1080	9·8
...	7·032	+35·894	− 4	*m*	...
...	+ 7·085	+ 9·149	− 5	M *m*	...
...	7·096	−39·201	− 5	M	...
...	7·555	+ 1·686	− 4	*m*	...
...	7·737	+21·886	0·95	45.1092	10·0
...	7·926	−51·179	− 1	...	...
621					
...	+ 7·973	− 9·425	− 1	...	...
...	8·009	−27·603	0·75	...	...
...	8·152	+36·787	− 3	*m*	...
...	8·179	+54·898	− 4	*m*	...
...	8·282	+47·949	− 3	...	...
*n**	+ 8·285	− 7·974	1·10	46.1082	9·8
...	8·423	−17·244	− 3	...	...
*n**	8·471	− 8·018	1·00	46.1082	9·8
...	8·471	−36·244	− 2	...	...
...	8·698	+51·093	− 5	*m*	...
631					
...	+ 8·729	−46·012	− 1	...	...
...	8·836	−40·145	− 5	*m*	...
...	8·906	−25·404	− 2	...	...
...	8·998	−23·355	0·90	...	...
*	9·063	+56·955	1·00	45.1093	10·0
...	+ 9·112	+55·548	− 5	*m*	...
...	9·273	+12·163	− 5	*m*	...
...	9·417	+35·592	− 2	...	...
...	9·560	+19·077	− 3	...	...
...	9·574	−15·424	− 5	*m*	...
641					
*	+ 9·581	+33·524	1·20	45.1094	10·0
*	9·892	−25·082	1·00	...	...
...	10·011	+13·373	− 3	*m*	...
...	10·055	+39·449	− 2	...	...
S ‡	10·070	−18·056	3·10	46.1083	8·1
...	+10·169	−54·924	− 5	...	...
...	10·478	+27·208	− 4	*m*	...
...	10·585	+27·125	− 5	*m*	...
...	10·652	−41·799	− 1	...	...
...	11·123	+47·857	− 5	*m*	...
651					
...	+11·159	−32·646	− 1	...	...
...	11·182	+56·570	− 4	*m*	...
*	11·193	+52·128	1·05	45.1095	9·9
...	11·346	−18·054	0·75	...	...
*	11·419	+18·918	0·95	...	...
...	+11·483	−18·316	0·90	...	...
...	11·546	−22·759	− 3	*m*	...
...	11·586	+29·796	0·75	...	...
...	11·618	+33·810	− 4	*m*	...
...	11·695	+10·389	0·65	*c*	...
661-720					
661					
...	+11′697	−47′532	0·70	°	...
...	11·740	+51·423	− 5	*m*	...
*	11·870	−52·064	1·00	46.1085	10·0
...	11·922	−55·664	− 5	...	...
...	11·935	−47·648	− 3	...	...
...	+11·936	−42·710	− 2	...	...
...	11·988	+47·392	− 4	*m*	...
...	12·019	−54·639	− 5	...	...
...	12·032	+25·656	− 5	*m*	...
...	12·036	+59·093	− 5	*m*	...
671					
...	+12·210	+ 6·623	− 5	*m*	...
...	12·270	+51·417	− 4	*m*	...
...	12·274	+59·623	− 5	...	...
...	12·328	−26·974	− 4	*m*	...
...	12·418	+14·481	− 5	*m*	...
...	+12·455	−28·624	− 2	...	...
...	12·740	−31·988	− 2	...	...
...	12·805	+ 3·889	− 4	*m*	...
...	12·811	−47·392	0·65	...	...
...	12·895	−28·577	0·80	...	...
681					
*	+12·919	+42·704	2·00	45.1096	8·8
...	12·946	+ 2·386	− 4	*m*	...
...	12·988	+12·893	0·65	...	...
...	13·013	+12·612	− 3	*m*	...
...	13·075	+14·080	− 3	*m*	...
...	+13·357	+22·169	− 4	*m*	...
...	13·397	+ 8·725	− 4	*m*	...
...	13·439	− 9·932	− 5	*m*	...
...	13·496	−15·175	− 5	*m*	...
...	13·616	− 7·568	− 4	*m*	...
691					
...	+13·641	+15·349	− 5	*m*	...
...	13·648	−13·763	0·85	...	...
...	13·717	+53·235	− 2	*a*	...
...	13·793	−20·498	− 4	*m*	...
...	13·809	+14·435	− 5	*m*	...
*	+14·063	+35·998	1·00	45.1097	10·0
...	14·075	+34·058	− 5	*m*	...
...	14·089	− 9·015	− 3	*m*	...
...	14·136	−36·867	− 5	*m*	...
*	14·147	+39·781	1·20	45.1098	9·6
701					
*	+14·161	−54·940	1·00	46.1086	10·0
...	14·176	+17·718	− 5	*m*	...
...	14·178	0·000	− 2	*β*	...
...	14·504	+56·556	− 5	*m*	...
...	14·529	+ 6·372	− 5	*m*	...
*	+14·530	−42·664	1·70	46.1087	9·4
...	14·555	+25·195	− 5	*m*	...
...	14·646	− 3·486	0·65	...	...
...	14·662	+24·434	− 3	*m*	...
*	14·808	+25·849	0·95	45.1099	10·0
711					
*n**	+14·845	+28·174	1·80	45.1100	9·2
†	15·049	−50·649	0·65	...	...
n†	15·059	+28·349	0·90	45.1100	9·2
†	15·085	−23·618	− 3	...	...
†	15·134	− 2·734	0·90	46.1088	10·0
...	+15·199	+17·167	− 3	*m*	...
...	15·528	− 6·985	− 3	*m*	...
...	15·578	+ 2·652	− 5	*m*	...
...	15·630	+11·011	0·65	*a*	...
...	15·675	+39·045	− 2	*b*	...

626, 628. C.P.D., mass.
711, 713. C.P.D., suspected double.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. –1.	C.P.D. No.	C.P.D. Mag.
721–780					
721					
...	+15·682	–32·865	– 3	m	...
*	15·687	+57·976	1·50	45.1101	9·6
...	15·944	–53·050	– 4	m	...
...	15·996	–23·176	– 1	...	...
...	16·102	+53·039	0·70	...	...
...	+16·114	–37·042	– 2	...	...
...	16·146	+53·510	0·70	...	...
...	16·203	– 1·204	– 5	m	...
...	16·278	+47·050	0·70	...	...
...	16·446	–35·317	0·70	...	...
731					
...	+16·621	–13·336	– 2	b	...
...	16·854	+ 5·474	– 4	m	...
...	16·866	+56·109	– 2	...	...
...	17·049	+41·856	– 4	m	...
...	17·249	+ 0·575	0·80	...	...
...	+17·290	–35·257	– 5	m	...
*	17·293	–20·864	1·70	46.1089	9·4
...	17·394	–35·404	– 1	...	...
...	17·439	+13·119	– 5	m	...
*	17·443	–35·946	1·00	46.1090	10·0
741					
...	+17·537	+20·157	– 3	m	...
...	17·689	–53·573	– 1	...	...
...	17·774	+40·256	– 2	a	...
...	17·874	+29·545	– 3	m	...
*	17·942	+33·860	1·90	45.1102	9·1
*	+17·993	+14·044	2·70	45.1103	8·4
...	18·262	+25·571	– 4	m	...
...	18·421	+ 9·207	0·85	...	...
...	18·496	+24·251	– 4	m	...
...	18·784	– 1·263	0·80	...	...
751					
...	+18·806	+48·307	0·70	...	...
...	18·812	+ 5·452	– 5	m	...
...	19·191	+10·335	– 3	m	...
...	19·195	–36·005	0·65	...	...
...	19·273	+ 7·781	– 1	b	...
...	+19·305	+27·420	– 5	m	...
*	19·456	+52·554	1·05	45.1104	9·9
...	19·542	–37·433	– 2	...	...
...	19·730	–46·594	0·80	...	...
...	19·883	+ 9·642	0·70	...	...
761					
†	+20·095	+50·489	– 5	m	...
...	20·184	–22·019	– 4	...	...
...	20·298	+18·445	– 4	m	...
...	20·328	–14·493	+ 3	...	...
...	20·557	+54·520	– 2	...	...
...	+20·657	–15·104	– 3	...	...
...	20·768	–16·045	– 4	...	...
...	20·866	+42·626	– 2	...	...
...	20·938	+ 3·271	– 3	m	...
...	20·970	–38·661	– 4	...	...
771					
...	+21·326	–42·786	– 1	...	...
...	21·380	+59·147	1·10	44.1158	10·0
*	21·480	–18·727	1·40	46.1091	9·4
*	21·624	–34·573	1·30	46.1092	9·7
...	21·940	–25·744	– 2	...	...
...	+22·057	–54·026	– 5	m	...
...	22·136	+30·284	– 3	m	...
*	22·196	–43·486	1·30	46.1094	9·8
...	22·243	–39·674	– 5	m	...
*	22·286	–25·320	1·50	46.1093	9·6
781–840					
781					
...	+22·357	+ 8·677	– 3	m	...
...	22·437	–26·973	– 4	m	...
*	22·540	–47·652	1·00	...	...
...	22·551	+24·342	– 4	m	...
*	22·676	+ 9·425	1·40	45.1105	9·4
...	+22·811	–26·754	– 4	...	...
...	23·114	–35·665	– 4	...	...
...	23·214	–35·634	– 4	...	...
...	23·354	+53·010	– 5	m	...
...	23·426	–53·118	– 2	...	...
791					
...	+23·700	+22·318	– 2	...	...
...	23·862	+50·070	– 5	m	...
...	23·873	–48·162	– 5	m	...
...	23·880	+53·760	– 4	...	...
...	23·920	+59·779	– 5	m	...
S *	+24·117	+30·912	2·00	45.1106	8·8
...	24·123	+30·725	– 3	...	...
...	24·134	+34·210	– 3	m	...
...	24·185	+44·212	– 4	m	...
...	24·416	–45·677	– 1	...	...
801					
...	+24·475	+50·796	– 5	m	...
*	24·549	–21·179	2·00	46.1095	9·1
†	25·013	–59·181	– 5	...	...
‡	25·140	–13·373	1·00	46.1096	10·0
...	25·329	–33·386	– 1	...	...
...	+25·382	+20·279	– 4	m	...
...	25·488	–41·914	– 2	...	...
*	25·503	+46·863	1·80	45.1107	9·2
...	25·603	+13·562	– 3	...	...
...	25·913	–13·416	– 3	...	...
811					
...	+26·002	– 4·591	– 3	...	...
...	26·216	–30·066	– 5	...	...
...	26·468	–29·477	– 2	...	...
...	26·487	+50·073	– 4	m	...
...	26·730	– 3·304	– 5	m	...
†	+26·815	–44·728	– 1	...	...
...	26·848	+26·303	– 5	m	...
...	26·975	+11·671	– 3	m	...
*	26·978	+ 1·428	1·40	45.1108	9·6
...	27·060	+11·884	– 4	m	...
821					
*	+27·148	–28·156	1·00	46.1097	10·0
...	27·156	+ 0·203	– 4	m	...
...	27·177	– 9·011	– 4	m	...
...	27·359	+58·943	– 5	m	...
...	27·450	– 8·011	– 5	m	...
...	+27·487	+55·533	– 5	m	...
...	27·611	+34·213	– 4	m	...
*	27·635	–26·444	1·00	...	...
...	27·636	+21·898	– 2	...	...
...	27·650	+24·635	– 3	m	...
831					
*	+27·673	+41·787	1·20	45.1109	10·0
*	27·859	–20·182	2·10	46.1098	8·8
...	27·987	+38·189	– 4	m	...
*	28·146	–18·014	0·90	...	...
...	28·232	+10·582	0·80	...	...
*	+28·579	+13·776	1·00	...	...
...	28·684	+27·267	1·00	...	...
...	28·753	– 3·035	– 4	m	...
...	28·832	– 7·284	– 5	m	...
...	28·926	+20·789	– 3	m	...
841–900					
841					
...	+28·976	–40·471	– 3	...	...
...	28·979	+19·387	– 3	...	...
...	29·027	+50·741	– 4	m	...
...	29·050	+13·078	0·95	...	...
...	29·269	+41·558	0·95	...	...
*	+29·345	–58·618	1·30	46.1099	10·0
...	29·441	–24·709	– 4	...	...
*	29·444	–57·706	1·20	46.1100	9·9
...	29·704	–32·146	– 3	m	...
...	29·727	– 3·649	– 4	...	...
851					
...	+29·739	+43·460	0·95	...	...
*	29·793	–59·030	1·20	46.1101	10·0
...	29·884	–55·510	1·10	46.1102	10·0
...	30·478	+ 7·856	– 5	m	...
...	30·680	–46·076	– 4	...	...
...	+30·794	+25·774	– 1	...	...
*	30·860	+33·816	1·05	45.1110	9·9
*	30·923	–32·916	0·95	...	...
...	30·932	–16·482	– 5	m	...
...	30·974	+43·651	– 2	a	...
861					
...	+31·015	+44·866	– 3	m	...
...	31·017	–23·967	– 4	m	...
...	31·023	– 0·921	– 3	m	...
...	31·039	–10·025	– 4	m	...
*	31·227	– 1·806	1·10	45.1111	9·7
*	+31·308	–17·071	1·25	46.1103	9·6
...	31·547	–49·426	0·90	...	...
...	31·606	–29·561	– 5	m	...
...	31·683	–19·736	– 3	...	...
...	31·712	+29·623	– 3	m	...
871					
...	+31·713	–43·374	– 5	...	...
...	31·818	–27·727	– 4	m	...
...	31·942	–29·181	– 1	...	...
...	31·952	+21·359	– 5	m	...
...	32·016	–17·737	– 2	...	...
...	+32·021	+22·131	0·90	45.1112	10·0
*	32·127	–35·155	0·90	...	...
...	32·149	–12·192	– 4	m	...
†	32·171	–39·793	0·70	...	...
...	32·323	+ 2·482	0·65	...	...
881					
...	+32·465	– 0·825	– 5	m	...
†	32·469	+10·067	– 5	m	...
...	32·537	+50·633	– 4	m	...
...	32·609	+27·212	– 3	m	...
...	32·771	+35·751	0·75	...	...
...	+32·826	+ 8·717	– 5	m	...
*	33·040	–28·096	1·25	46.1104	9·9
*	33·370	–56·392	1·70	46.1105	9·6
...	33·518	+27·034	– 4	m	...
...	33·579	+51·408	– 2	a	...
891					
...	+33·679	+34·009	0·65	...	...
...	33·710	–45·436	– 2	...	...
...	33·734	+26·032	0·65	a	...
...	33·830	–27·216	– 3	...	...
*	33·898	+26·332	1·40	45.1113	9·8
...	+33·916	–34·418	– 4	m	...
*	33·941	–28·222	1·00	46.1106	10·0
...	34·064	–41·550	0·80	...	...
...	34·264	+47·237	– 5	m	...
...	34·329	–22·957	– 5	m	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
901-960					
901				°	
...	+34′428	−55′064	− 5	...	...
...	34·524	−31·221	− 3	...	...
...	34·565	− 9·542	− 5	*m*	...
...	34·719	+51·364	− 5	*m*	...
...	34·739	− 1·523	− 5	*m*	...
...	+34·812	+47·461	− 5	*m*	...
...	34·866	−47·602	0·70	...	...
...	34·954	+40·732	0·65	...	...
†	35·014	− 2·052	− 5	*m*	...
...	35·140	+11·425	− 5	*m*	...
911					
...	+35·194	+59·826	0·95	...	...
*	35·268	−51·643	2·00	46.1107	9·2
...	35·298	− 5·176	0·75	...	...
...	35·358	+39·654	− 4	*m*	...
...	35·369	+21·781	− 5	*m*	...
...	+35·385	+40·160	− 4	*m*	...
...	35·529	+57·317	1·15	45.1114	10·0
...	35·627	−51·578	− 3	...	...
...	35·639	−16·358	− 3	...	...
...	35·680	+22·062	− 3	*m*	...
921					
...	+35·684	+ 9·729	− 5	*m*	...
...	35·696	+40·480	− 2	*a*	...
...	35·994	−13·619	− 1	...	...
...	36·219	+31·655	− 3	*m*	...
...	36·259	+39·282	− 5	*m*	...
...	+36·464	+10·622	− 2	*b*	...
...	36·477	+35·774	0·90	...	...
...	36·637	+ 5·373	− 4	*m*	...
*	36·660	+30·386	1·00	45.1115	10·0
*	36·744	−39·221	1·90	46.1108	9·2
931					
...	+36·767	−33·725	− 5	*m*	...
...	37·140	+19·959	− 4	*m*	...
...	37·145	−15·166	− 5	*m*	...
...	37·180	+38·640	− 2	*b*	...
...	37·243	−29·890	− 4	*m*	...
...	+37·263	+ 1·139	− 5	*m*	...
...	37·283	−52·826	− 5	...	...
...	37·294	+30·564	− 4	*m*	...
...	37·389	+ 4·082	− 4	*m*	...
...	37·398	−43·890	− 2	...	...
941					
...	+37·430	+17·991	− 3	*m*	...
...	37·438	+43·207	− 5	*m*	...
...	37·708	−15·028	− 4	*m*	...
...	37·772	−47·469	− 4	*m*	...
...	37·793	+18·356	− 3	*m*	...
...	+37·806	+53·108	− 5	*m*	...
...	37·813	+54·081	0·80	...	...
...	37·932	+17·126	− 5	*m*	...
...	38·010	+26·448	− 4	*m*	...
*	38·100	−22·915	1·70	46.1109	9·5
951					
*	+38·136	+56·860	1·30	45.1116	9·9
...	38·316	−32·189	0·70	...	...
...	38·379	+ 8·024	− 3	*m*	...
...	38·435	+22·246	− 3	*m*	...
*	38·522	− 1·264	0·90	...	...
...	+38·540	− 8·307	− 2	...	...
...	38·562	+11·968	− 5	*m*	...
...	38·573	+21·556	− 2	*b*	...
...	38·659	−22·097	− 4	*m*	...
...	38·664	−25·037	0·85	...	...
961-1020					
961					
...	+38′817	+14′169	− 3	*m*	...
...	38·824	−30·856	0·80	...	...
*	38·848	+15·442	1·15	45.1117	9·9
...	39·034	−13·189	− 5	*m*	...
...	39·172	− 0·716	− 5	*m*	...
...	+39·273	+ 8·773	− 4	*m*	...
...	39·306	−43·612	− 5	*m*	...
...	39·333	−42·399	− 1	...	...
...	39·672	−37·690	− 4	*m*	...
...	39·675	+41·458	− 3	*m*	...
971					
...	+39·677	+ 2·746	− 4	*m*	...
*	39·870	−52·712	1·00	...	...
*	39·885	− 2·784	1·90	46.1111	9·2
...	39·907	+41·671	0·80	...	...
‡	40·034	+48·182	1·70	45.1118	9·4
*	+40·463	−42·651	2·00	46.1113	8·8
...	40·489	−36·349	− 5	*m*	...
*	40·518	−53·779	1·20	46.1114	10·0
...	40·524	−22·642	− 3	...	...
*	40·570	−10·266	1·00	46.1112	10·0
981					
...	+40·593	+58·185	1·00	44.1179	10·0
...	40·638	+13·805	− 1	...	...
...	40·683	− 8·894	− 4	...	...
...	40·792	+55·049	− 5	*m*	...
...	40·877	+10·409	− 4	*m*	...
...	+41·036	+45·499	− 4	*m*	...
...	41·336	+40·949	− 5	*m*	...
...	41·685	+37·498	− 5	*m*	...
*	41·723	−29·412	1·40	46.1115	9·8
*	41·729	+29·744	1·00	45.1119	10·0
991					
...	+41·759	−25·974	− 4	...	...
...	41·920	− 9·269	− 5	*m*	...
...	42·118	+14·096	− 3	*m*	...
...	42·286	−32·423	− 1	...	...
...	42·507	+43·979	− 4	*m*	...
...	+42·539	+31·847	0·65	...	...
...	42·638	−18·580	0·80	...	...
...	42·713	−26·459	− 5	...	...
...	42·956	+ 8·859	− 5	*m*	...
...	42·980	+ 4·266	− 4	*m*	...
1001					
...	+43·047	+ 6·445	− 4	*m*	...
*	43·165	−41·135	2·20	46.1116	8·6
...	43·166	− 1·269	− 5	*m*	...
...	43·225	+14·573	− 1	...	...
...	43·309	−59·637	− 5	...	...
...	+43·356	+48·916	− 4	...	...
...	43·387	+58·110	− 2	...	...
...	43·447	+37·883	− 5	*m*	...
*	43·809	−50·251	1·40	46.1118	9·9
...	43·890	+ 2·738	− 5	*m*	...
1011					
...	+43·933	+22·531	− 5	*m*	...
...	44·155	+22·448	− 4	*m*	...
...	44·172	+24·439	1·05	45.1120	10·0
...	44·307	+43·756	− 5	...	...
...	44·331	+11·346	− 2	...	...
...	+44·430	−21·769	− 5	*m*	...
*	44·561	−33·711	1·00	...	...
*	44·650	− 5·576	1·20	46.1117	9·7
*	44·675	−20·996	1·00	...	...
...	44·937	− 0·288	− 4	*m*	...
1021-1080					
1021				°	
†	+45′026	+19′481	− 3	...	...
‡	45·050	+ 3·410	1·00	45.1121	10·0
...	45·129	+40·839	− 2	...	...
...	45·160	−33·809	− 4	...	...
*	45·230	− 6·775	1·00	46.1119	10·0
...	+45·234	+40·130	− 4	*m*	...
...	45·362	+24·408	0·65	...	...
...	45·397	+10·726	− 5	*m*	...
...	45·751	− 3·686	0·90	...	...
...	45·899	− 5·473	− 5	*m*	...
1031					
...	+45·911	+48·737	− 3	*e*	...
...	46·284	+13·219	− 5	*m*	...
...	46·374	+48·975	− 5	*m*	...
...	46·393	+39·350	− 4	*m*	...
*	46·466	+26·518	1·50	45.1122	9·6
...	+46·530	−22·147	− 4	*m*	...
S *	46·616	−38·562	2·10	46.1121	8·8
‡	46·687	+30·085	1·00	45.1124	10·0
*	46·698	+39·203	1·20	45.1123	10·0
...	46·717	−44·627	− 4	...	...
1041					
...	+46·909	−21·265	− 3	...	...
*	47·047	− 6·305	1·00	46.1120	10·0
...	47·128	+13·366	− 5	*e*	...
...	47·243	+49·813	− 5	*m*	...
...	47·247	− 1·524	0·70	...	...
*	+47·306	−23·564	1·70	46.1122	9·2
...	47·401	− 7·541	− 5	*m*	...
...	47·564	+50·401	− 3	*e*	...
*	47·579	+37·514	1·10	45.1125	10·0
†	47·594	−24·820	− 5	...	...
1051					
...	+47·739	− 8·246	− 5	*e*	...
...	48·196	−23·960	− 4	...	...
...	48·352	−27·811	− 4	*m*	...
...	48·384	+29·163	− 3	...	...
...	48·444	−10·565	− 5	*m*	...
...	+48·560	+30·819	− 4	*e*	...
...	48·911	−38·147	− 5	*m*	...
...	49·083	+ 9·186	− 2	...	...
...	49·460	+17·123	0·70	...	...
...	49·467	− 4·042	− 2	...	...
1061					
...	+49·470	− 1·511	− 2	...	...
...	49·554	+ 3·006	− 3	*m*	...
...	49·909	−38·233	− 5	...	...
...	49·924	+40·884	− 3	...	...
...	50·206	− 0·712	0·70	*e*	...
...	+50·270	−23·639	0·75	...	...
...	50·354	−23·304	− 2	...	...
...	50·362	+39·855	− 5	*m*	...
...	50·527	+29·313	− 5	*m*	...
*	50·551	+32·590	0·90	...	...
1071					
...	+51·223	+ 0·801	− 3	*e*	...
*	51·240	+ 1·469	1·00	45.1126	10·0
*	51·256	−37·661	2·00	46.1123	9·0
...	51·491	+43·916	− 5	*m*	...
...	51·656	−16·317	− 4	*m*	...
...	+51·733	−11·570	0·70	...	...
...	51·761	+ 8·137	− 2	*e*	...
...	51·771	−21·545	− 4	...	...
...	51·924	− 8·445	− 3	...	...
*	51·981	−43·460	2·20	46.1124	8·8

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
1081–1110					
1081					
*	+52·144	+10·283	0·95	45.1127	10·0
...	52·203	−20·936	− 3	...	...
...	52·385	−37·238	− 4	*m*	...
...	52·390	+17·600	0·65	...	...
...	52·404	−14·206	− 4	*e*	...
...	+52·563	−32·468	0·75	...	...
...	52·688	−13·113	0·85	...	...
*	52·762	−59·197	2·00	46.1126	9·5
...	52·875	−22·917	− 3	*m*	...
...	52·961	−27·290	− 5	*m*	...
1091					
...	+53·021	− 9·918	− 3	...	...
*	53·026	− 3·089	0·95	46.1125	10·0
...	53·138	−10·371	− 3	...	...
...	53·145	+44·270	− 4	*m*	...
...	53·219	+44·270	− 4	*m*	...
...	+53·238	−25·366	− 2	...	...
S *	53·485	+ 1·952	4·40	45.1128	7·0
...	53·504	−46·451	− 3	...	...
...	53·562	+ 8·737	− 3	*e*	...
...	53·579	−23·800	− 5	*m*	...
1101					
...	+53·600	−41·092	0·70	...	...
...	53·827	− 8·039	− 4	*m*	...
...	54·459	−23·696	− 4	...	...
...	54·479	−19·329	− 5	*m*	...
...	54·660	+54·743	− 5	*m*	...
...	+54·661	+22·380	0·65	*e*	...
...	54·669	−19·320	0·90	...	...
*	54·734	+15·586	1·40	45.1129	9·6
*	54·839	+10·960	1·90	45.1130	9·2
*	54·839	−27·415	1·10	46.1127	10·0
1111–1140					
1111					
†	+54·953	−31·386	− 1	...	...
‡	54·972	−25·058	0·95	46.1128	10·0
...	55·100	−47·600	0·90	...	...
*	55·447	−18·128	1·00	46.1129	10·0
...	55·549	+ 5·497	− 4	*m*	...
...	+55·637	+36·707	0·90	...	...
†	55·872	−59·674	0·95	46.1130	10·0
...	55·885	+12·009	− 3	*m*	...
...	55·941	−18·920	− 5	...	...
...	56·382	−25·728	0·65	...	...
1121					
...	+56·608	+22·716	0·65	...	...
*	56·866	+24·392	1·20	45.1131	9·8
...	56·930	+54·471	− 5	*m*	...
...	56·939	−29·242	− 5	...	...
*	57·071	−12·339	1·10	46.1131	10·0
...	+57·086	+50·654	0·70	...	...
...	57·206	+17·640	− 5	*m*	...
*	57·268	−13·958	1·00	46.1132	10·0
...	57·548	−48·189	− 4	...	...
...	57·587	−21·942	− 5	*m*	...
1131					
...	+57·668	+29·715	− 5	*m*	...
...	57·806	−14·743	− 5	*m*	...
...	57·899	+ 5·436	− 4	*m*	...
...	57·923	+33·376	− 4	*m*	...
...	58·097	+32·103	0·85	...	...
*	+58·191	−27·434	1·00	46.1133	10·0
...	58·457	+40·204	− 5	*m*	...
...	58·569	+44·469	1·10	45.1132	10·0
...	58·751	−10·080	− 4	...	...
...	58·763	−54·536	0·65	...	...
1141–1148					
1141					
*	+59·054	−43·781	1·15	46.1134	10·0
...	59·176	− 5·384	− 3	*e*	...
...	59·185	−44·099	0·65	...	...
...	59·336	+29·265	− 4	*m*	...
...	59·453	− 7·662	− 2	*e*	...
...	+59·607	−40·209	0·85	...	...
...	59·624	−37·690	0·90	...	...
...	59·900	+ 9·605	− 4	*m*	...

1–20					
1					
...	−59·860	+48·530	− 5	E	...
...	59·815	+19·254	− 5	...	...
*	59·771	−41·402	2·40	46.1116	8·6
...	59·658	+24·179	− 2	...	...
*	59·410	− 5·809	0·90	46.1117	9·7
...	−59·295	+ 3·179	0·80	45.1121	10·0
...	58·901	−21·206	0·80	...	...
...	58·845	−50·499	0·90	46.1118	9·9
...	58·793	− 6·990	0·80	46.1119	10·0
...	58·774	+39·009	0·80	45.1123	10·0
11					
...	−58·618	−33·945	0·70	...	...
*	58·602	+26·322	1·10	45.1122	9·6
...	58·494	+29·883	0·80	45.1124	10·0
...	58·370	− 3·888	− 1	...	...
...	58·247	+50·238	− 5	E	...
*	−57·817	+37·353	0·85	45.1125	10·0
...	57·545	+13·209	− 5	E	...
...	56·981	− 6·464	0·80	46.1120	10·0
...	56·939	− 1·675	− 2	...	...
...	56·779	+29·027	− 5	...	...
21–40					
21					
...	−56·657	−21·423	− 5	...	...
...	56·641	+30·693	− 5	E	...
S *	56·399	−38·725	1·95	46.1121	8·8
...	56·241	− 8·379	− 5	E	...
*	56·179	−23·707	1·10	46.1122	9·2
...	−55·879	−24·936	− 5	...	...
...	55·449	+ 9·086	− 4	...	...
...	55·314	+17·028	− 2	...	...
...	55·286	−24·070	− 5	...	...
...	54·722	− 1·588	− 5	...	...
31					
...	−54·715	+32·518	− 2	...	...
...	54·658	− 4·128	− 5	...	...
...	54·021	− 0·779	− 4	E	...
...	53·240	−15·418	− 5	...	...
...	53·232	−23·685	− 3	...	...
...	−53·146	−23·364	− 5	...	...
...	53·049	+ 0·775	− 5	E	...
*	53·043	+ 1·443	0·85	45.1126	10·0
...	52·729	+ 8·126	− 5	E	...
...	52·413	+10·281	0·70	45.1127	10·0
41–60					
41					
...	−52·407	+17·605	− 3	...	...
...	52·139	−11·577	− 4	...	...
...	52·042	− 8·449	− 5	...	...
*	51·787	−37·682	1·70	46.1123	9·0
...	51·781	−21·543	− 5	...	...
...	−51·392	−14·197	− 5	E	...
...	51·378	−20·927	− 5	...	...
...	51·133	−13·093	− 2	...	...
...	51·118	− 3·060	0·70	46.1125	10·0
...	50·958	+ 8·770	− 5	E	...
51					
...	−50·894	− 9·877	− 5	...	...
*	50·875	−43·457	1·70	46.1124	8·8
S *	50·799	+ 1·985	3·10	45.1128	7·0
...	50·768	−10·323	− 5	...	...
...	50·672	−32·441	− 4	...	...
...	−50·281	+22·449	− 5	E	...
...	50·197	−25·322	− 5	...	...
†	49·983	+15·664	0·85	45.1129	9·6
...	49·765	+36·794	− 2	...	...
*	49·734	+11·043	1·40	45.1130	9·2

ES measured from 1, 109, 242, 375, 514, 643.
MC ,, ,, 58, 184, 304, 450, 585, 728.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
61-120					
61					
*	−49′619	−59′158	1·40	46°1126	9·5
...	49·361	−41·022	− 4	...	...
...	48·961	−19·219	− 3	...	...
...	48·752	+50·785	− 4	...	...
*	48·543	−27·315	0·85	46.1127	10·0
...	−48·475	−24·948	− 2	46.1128	10·0
...	48·348	+22·840	− 4	...	...
...	48·311	−31·269	− 5	...	...
...	48·227	−18·018	0·85	46.1129	10·0
*	48·142	+24·523	0·95	45.1131	9·8
71					
...	−47·650	−47·479	− 4	...	...
...	47·065	+44·649	− 1	45.1132	10·0
...	47·052	−25·588	− 5	...	...
...	46·775	−12·187	0·90	46.1131	10·0
...	46·540	−13·797	0·65	46.1132	10·0
...	−46·476	−59·536	− 3	46.1130	10·0
...	45·174	−27·228	0·65	46.1133	10·0
...	45·138	−31·896	− 4	...	...
...	44·910	− 5·151	− 5	E	...
...	44·553	− 7·423	− 5	E	...
81					
...	−44·271	+13·684	− 5	M	...
*	44·199	+21·918	3·70	45.1133	6·8
...	44·072	+22·487	− 3	...	...
...	44·047	+37·151	0·65	45.1134	10·0
*	43·803	−43·538	0·80	46.1134	10·0
...	−43·764	−54·303	− 4	...	...
...	43·669	−43·858	− 5	...	...
...	43·431	−37·444	− 3	...	...
...	43·392	+35·529	0·80	45.1135	10·0
...	43·377	−39·939	− 4	...	...
91					
...	−43·347	−16·079	0·90	46.1135	9·9
...	43·099	+ 7·714	− 4	...	...
...	42·881	+30·848	− 2	...	...
...	42·583	+ 7·770	− 5	M	...
...	42·495	+ 5·405	− 3	A	...
*	−42·492	+42·124	0·85	45.1136	9·9
...	42·311	+48·938	− 5	M	...
...	42·186	+17·380	− 3	...	...
*	42·059	−44·015	1·00	46.1136	9·5
...	41·876	−45·445	− 5	...	...
101					
...	−41·699	−21·025	− 2	...	...
*	41·634	−11·028	1·00	46.1137	9·5
...	41·473	−10·560	− 5	...	...
...	41·350	+ 2·685	− 4	A	...
...	41·282	−18·042	− 5	M	...
‡	−41·257	−24·769	0·90	46.1138	9·8
...	40·732	−18·472	− 2	46.1139	10·0
...	40·593	−46·785	− 5	...	...
‡	40·048	−51·519	1·20	46.1140	9·5
...	39·885	+22·462	− 5	M	...
111					
...	−39·462	− 6·440	− 4	...	...
*	39·444	−24·839	1·25	46.1142	8·8
S *	39·439	− 3·521	1·70	46.1144	8·6
*	39·348	−57·547	1·20	46.1141	9·6
S *	39·262	+54·417	2·10	45.1138	8·0
...	−39·209	+13·192	− 5	M	...
S *	39·088	−53·323	3·00	46.1143	7·6
*	39·077	+25·572	0·80	45.1137	10·0
...	38·741	+51·297	− 2	...	...
...	38·540	−59·394	− 5	...	...
121-180					
121					
...	−38′429	+ 8′516	− 5	°M	...
...	38·388	+29·368	− 3	...	...
...	38·257	+56·572	0·75	45.1140	10·0
...	38·242	+42·452	− 2	45.1139	10·0
*	38·005	−53·263	1·30	46.1145	9·4
...	−37·677	+44·515	0·80	45.1141	10·0
...	37·617	−43·129	− 5	...	...
...	37·540	+25·237	− 5	M	...
n	37·258	+46·603	0·65	45.1143	10·0
...	37·175	+14·288	0·75	45.1142	10·0
131					
...	−37·127	−12·332	− 5	M	...
n	37·125	+46·672	0·65	45.1143	10·0
...	36·869	+33·360	− 5	M	...
*	36·736	−55·111	1·00	46.1146	9·8
...	36·708	+14·888	0·75	45.1144	10·0
...	−36·486	+ 5·716	− 5	M	...
...	36·446	−33·584	− 5	...	...
...	36·320	−39·500	− 4	...	...
*	36·130	−18·859	1·00	46.1147	9·5
...	35·942	+ 0·911	− 5	M	...
141					
*	−35·750	+39·664	1·00	45.1146	9·6
...	35·557	+ 7·800	0·75	45.1145	9·9
*	35·461	−32·620	0·95	46.1148	9·7
...	35·376	+41·983	− 4	...	...
...	35·295	− 9·959	− 4	...	...
‡	−35·124	+44·788	0·90	45.1147	9·9
...	34·916	− 2·030	− 5	M	...
*	34·828	+ 0·888	0·90	45.1148	10·0
...	34·772	+39·639	− 3	...	...
...	34·738	−36·145	− 3	...	...
151					
*	−34·554	− 8·069	0·95	46.1149	9·4
†	34·501	− 9·779	− 5	...	...
...	34·415	−16·515	− 4	...	...
...	34·298	+ 5·998	− 1	...	...
...	34·250	− 9·890	− 2	...	...
...	−34·082	−47·460	0·95	46.1150	10·0
...	33·817	+18·576	− 4	A	...
*	33·765	+ 5·425	0·90	45.1149	9·5
...	33·740	−48·504	− 2	...	...
...	33·538	−29·093	− 1	...	...
161					
*	−33·308	+ 2·510	0·95	45.1150	9·6
...	33·271	+59·112	− 4	...	...
...	32·896	−47·047	− 4	...	...
...	32·511	−38·743	− 4	...	...
...	32·386	+47·151	− 4	...	...
...	−32·204	+26·071	0·65	...	...
...	32·046	− 2·163	− 2	...	...
...	31·987	+34·203	0·70	45.1151	10·0
...	31·950	+24·471	− 1	...	...
...	31·824	−16·088	− 4	...	...
171					
...	−31·745	− 1·636	− 4	...	...
*	31·710	+33·375	0·85	45.1152	10·0
...	31·670	+17·002	− 5	M	...
...	31·595	−44·538	0·65	...	...
...	31·426	−44·777	− 5	...	...
...	−30·942	−39·356	− 1	...	...
...	30·819	+37·795	− 5	M	...
*	30·792	+49·225	1·15	45.1153	9·4
...	30·727	−23·743	− 5	...	...
...	30·605	+38·421	− 3	...	...
181-240					
181					
†	−30′442	−14′768	− 5	°	...
†	30·123	+17·860	0·70	...	...
†	30·101	+12·069	− 2	...	...
...	29·986	−51·390	− 4	...	...
...	29·739	+21·327	− 5	M	...
...	−29·480	+40·670	− 4	...	...
*	29·464	− 5·020	0·90	46.1152	9·9
...	29·413	+ 0·111	− 4	α	...
*	29·194	+59·223	1·00	44.1212	9·8
...	28·985	+ 1·812	− 5	M	...
191					
...	−28·963	−58·676	− 3	...	...
*	28·893	−53·456	1·00	46.1153	9·8
...	28·689	+52·860	− 4	...	...
...	28·472	+41·167	− 4	...	...
...	28·414	+ 5·448	− 2	...	...
...	−28·250	− 0·362	− 4	α	...
...	27·695	+ 0·314	− 4	A	...
...	27·272	+56·320	− 1	45.1154	10·0
...	26·903	+24·002	− 2	...	...
...	26·850	+12·209	− 5	M	...
201					
...	−26·842	−31·236	− 5	...	...
...	26·349	+19·808	− 3	...	...
...	26·181	+37·650	− 3	A	...
...	26·179	+ 7·845	− 5	M	...
*	26·143	−12·458	1·00	46.1154	9·6
...	−26·049	+44·248	− 4	...	...
...	26·016	+ 4·069	− 5	M	...
...	25·998	+25·294	− 4	...	...
...	25·940	+55·697	− 3	...	...
...	25·864	+ 4·371	− 2	45.1155	10·0
211					
...	−25·644	+34·063	− 5	...	...
...	25·616	−24·133	− 2	...	...
...	25·601	+40·241	− 3	...	...
...	24·745	+29·370	− 5	M	...
*	24·591	+17·968	1·00	45.1156	9·6
...	−24·357	−52·621	− 5	...	...
...	24·292	−32·033	− 3	...	...
...	24·281	+ 0·529	0·65	45.1157	10·0
...	23·239	−43·756	0·75	46.1155	9·9
...	23·066	+31·132	− 4	...	...
221					
...	−22·812	−49·591	− 3	...	...
...	22·451	+49·076	− 3	...	...
...	22·403	+11·622	− 4	...	...
*	22·365	+58·952	1·20	44.1220	9·2
*	22·346	− 7·758	1·20	46.1156	9·4
...	−22·330	+26·214	− 4	M	...
*	22·306	+49·130	0·90	45.1158	9·8
...	22·141	+17·344	− 4	M	...
...	21·959	+40·175	− 4	...	...
...	21·733	+38·930	− 3	...	...
231					
...	−21·697	+27·582	− 4	...	...
...	21·516	−36·980	− 5	...	...
*	21·255	−47·821	1·00	46.1157	9·6
*	21·094	−33·509	1·15	46.1159	9·4
...	21·051	−41·146	− 2	46.1158	10·0
...	−20·324	+18·273	− 4	M	...
...	20·265	+48·138	− 3	...	...
...	20·255	+ 8·681	− 3	...	...
*	20·238	−17·309	1·30	46.1160	9·2
...	20·213	−47·634	− 3	...	...

129, 132. C.P.D., probably mass

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. -3.	C.P.D. No.	C.P.D. Mag.
241-300					
241	′	′		°	
...	−20·157	+52·093	— 4	...	...
...	20·035	−11·668	0·80	46.1161	9·9
...	19·950	−40·071	— 4	...	...
...	19·566	+ 9·494	— 5	M	...
...	19·530	+48·272	— 4	...	...
...	−19·458	−41·628	— 3	...	...
...	19·355	−19·209	— 5	...	...
*	19·195	+17·513	1·00	45.1159	9·4
...	19·142	+47·487	0·70	...	...
...	19·113	−20·006	0·80	46.1162	10·0
251					
...	−18·786	− 5·200	— 4	...	...
...	18·491	+24·827	— 5	...	...
...	18·383	−12·490	— 5	...	...
...	18·246	−24·196	— 4	...	...
...	18·179	+ 6·599	— 3	...	...
...	−17·853	+ 7·559	— 4	...	...
...	17·581	−10·490	— 5	...	...
*	17·520	−18·254	0·85	46.1163	9·8
...	17·365	+27·518	— 5	M	...
*	17·365	− 5·335	1·10	46.1164	9·4
261					
...	−16·934	+31·781	— 4	B	...
...	16·874	−43·567	— 5	...	...
...	16·701	+41·762	— 4	...	...
†	16·475	− 4·786	0·75	46.1165	10·0
...	16·193	+41·221	— 5	M	...
...	−15·259	+ 1·929	0·70	45.1160	10·0
...	15·052	−20·475	0·70	46.1166	10·0
...	15·035	−12·593	— 5	M	...
...	14·884	+54·436	— 3	...	...
...	14·858	+25·912	— 4	M	...
271					
...	−14·689	+37·924	— 3	...	...
...	14·601	−52·079	— 5	...	...
*	14·509	−26·192	1·05	46.1167	9·5
...	14·475	+49·084	— 5	M	...
...	14·114	+ 5·883	— 3	...	...
*	−13·630	+26·805	0·80	45.1161	9·7
...	13·625	+54·629	— 4	...	...
*	13·095	− 6·343	0·90	46.1169	9·8
*	13·032	−33·563	1·15	46 1168	9·2
...	13·029	−42·373	— 4	...	...
281					
†	−12·488	+50·113	— 2	...	...
...	12·450	− 6·134	— 4	...	...
...	12·414	−51·878	— 5	...	...
...	12·394	+32·398	— 5	M	...
...	12·374	+16·491	— 1	...	...
...	−12·305	−43·271	— 4	...	...
...	11·887	+56·780	— 1	...	...
*	11·656	+47·467	0·90	45.1162	9·9
*	11·404	+ 3·165	0·80	45.1163	9·9
...	11·395	− 4·889	— 3	46.1170	10·0
291					
...	−11·290	− 8·964	0·70	46.1171	9·7
...	11·188	+31·599	0·65	45.1164	10·0
*	11·183	−31·169	1·10	46.1172	9·4
*	11·113	+20·575	1·80	45.1165	8·8
...	11·098	+35·639	0·70	45.1166	10·0
...	−11·029	+28·352	0·65	...	...
...	10·992	+20·079	— 5	M	...
...	10·980	−20·353	— 5	M	...
...	10·911	+26·617	— 5	M	...
...	10·854	−43·576	— 4	...	...
301-360					
301	′	′		°	
...	−10·712	+22·560	0·65	...	...
*	10·610	+37·464	1·40	45.1167	8·8
...	10·383	+47·772	— 5	M	...
‡	9·654	+40·065	0·90	45.1168	9·6
*	9·544	−59·488	1·00	46.1173	9·7
*	− 9·461	−58·509	1·00	46.1174	9·6
...	9·181	+36·855	— 5	M	...
...	9·132	+16·042	— 4	M	...
...	9·049	−52·996	— 5	...	...
...	9·033	+34·924	— 4	...	...
311					
...	− 8·968	+32·814	— 4	...	...
...	8·928	+28·012	— 4	...	...
S *	8·797	−46·890	1·45	46.1175	9·0
...	8·532	−23·243	— 4	...	...
*	8·354	−40·906	1·00	46.1176	9·5
...	− 8·307	−46·494	— 3	...	...
...	8·085	− 4·476	— 4	...	...
...	8·053	+10·572	— 4	M	...
...	7·889	+26·564	— 4	M	...
...	7·741	−59·074	— 5	...	...
321					
*	− 7·658	+30·573	1·00	45.1169	9·4
...	7·593	−29·998	— 4	M *m*	...
S *	7·555	−17·255	1·30	46.1177	9·0
...	7·264	− 3·564	— 4	M *m*	...
...	7·236	−12·673	— 4	...	...
...	− 7·224	+36·354	— 4	A *m*	...
...	7·169	−40·698	— 2	...	...
...	7·158	−26·673	— 4	*m*	...
...	7·026	+50·817	— 5	M *m*	...
*	6·940	+ 7·622	1·00	45.1170	9·7
331					
...	− 6·891	+26·564	— 4	...	...
...	6·889	−53·614	— 5	...	...
...	6·886	− 9·716	— 5	*m*	...
...	6·739	+27·970	— 3	...	...
*	6·654	+38·647	1·00	45.1171	9·5
...	− 6·396	−41·842	— 4	...	...
...	6·251	+49·114	— 4	...	...
...	6·245	−10·005	— 4	...	...
...	6·224	−16·281	— 5	...	...
...	6·111	−16·263	0·65	46.1178	10·0
341					
...	− 5·576	+52·331	— 3	45.1172	10·0
...	5·471	− 9·660	0·80	46.1179	9·8
...	5·276	−45·861	— 4	...	...
...	4·909	−56·252	— 4	...	...
...	4·902	−25·902	— 4	...	...
...	− 4·751	+23·370	— 5	M	...
...	4·517	−54·731	— 3	...	...
...	4·426	−50·411	— 4	...	...
...	4·306	+ 7·640	— 5	M *m*	...
...	4·092	− 3·023	— 2	...	...
351					
...	− 4·020	−39·153	— 4	...	...
...	3·610	+49·793	— 5	M *m*	...
...	3·103	−54·977	— 3	...	...
...	2·837	−43·402	— 3	...	...
...	2·754	− 8·391	— 3	46.1180	10·0
...	− 2·718	−28·492	— 3	...	...
...	2·609	+32·777	— 5	M *m*	...
*	2·148	−36·068	0·95	46.1181	9·7
...	2·059	−48·479	— 1	...	...
...	1·965	+10·000	— 4	...	...
361-420					
361	′	′		°	
...	− 1·766	−51·075	— 4	...	...
...	1·577	+40·733	— 1	45.1173	10·0
...	1·526	+31·466	— 2	...	...
*	1·272	+21·221	1·00	45.1174	9·6
...	1·005	−59·544	— 3	...	...
...	− 0·833	+54·236	— 4	...	...
...	0·805	+58·859	— 3	44.1239	10·0
*	0·751	− 4·431	1·00	46.1182	9·6
...	0·621	−59·420	— 5	...	...
...	0·563	+35·666	— 4	M *m*	...
371					
...	− 0·532	+19·374	— 3	...	...
...	0·515	−12·440	— 2	46.1183	10·0
...	0·479	− 5·713	— 1	46.1184	10·0
S *	0·440	+23·745	2·70	45.1175	7·9
...	0·049	− 4·156	— 5	M	...
*	− 0·048	+21·836	1·05	45.1176	9·4
*	− 0·023	−41·042	0·80	46.1185	10·0
...	+ 0·098	−32·991	— 4	...	...
...	0·109	+50·653	0·75	45.1177	10·0
...	0·260	−54·442	— 4	...	...
381					
†	+ 0·357	−39·713	— 4	...	...
...	0·385	+26·489	— 5	M *m*	...
...	0·481	+48·216	— 4	...	...
...	0·505	−20·994	— 4	...	...
...	0·749	+26·349	— 5	M *m*	...
...	+ 1·083	−11·677	— 4	...	...
...	1·314	−13·432	— 5	M *m*	...
†	1·893	−34·676	— 4	...	...
...	1·963	−47·314	— 3	...	...
...	2·006	+28·711	— 4	M *m*	...
391					
...	+ 2·119	+29·358	— 5	M *m*	...
†	2·245	+10·204	— 3	M	...
*	2·325	− 7·145	1·25	46.1186	9·4
...	2·557	+32·229	— 5	M *m*	...
...	2·813	−47·228	— 5	M *m*	...
...	+ 2·946	−23·409	— 4	M *m*	...
...	2·978	−18·272	— 5	M	...
...	3·096	−49·997	— 5	M	...
...	3·155	+52·008	— 5	M *m*	...
...	3·212	−27·048	— 4	...	...
401					
...	+ 3·820	+ 8·827	— 5	M *m*	...
...	3·994	+22·241	— 5	M *m*	...
...	4·177	+45·708	— 4	A *m*	...
N*	4·236	−45·656	0·95	46.1188	9·4
N	4·291	−45·674	— 2		
...	+ 4·243	− 3·075	— 1	46.1187	10·0
...	4·579	−36·317	0·65	...	...
...	4·611	−10·161	— 5	M *m*	...
...	4·744	+50·733	— 5	M *m*	...
...	4·753	−24·447	— 5	M *m*	...
411					
...	+ 5·005	+25·499	0·70	...	...
...	5·006	+20·600	— 5	M *m*	...
†	5·110	+ 5·245	— 4	M *m*	...
...	5·159	+31·130	— 5	M *m*	...
...	5·178	+33·256	— 4	B *m*	...
...	+ 5·403	+29·511	— 4	...	...
*	5·499	−27·248	0·80	46.1189	9·9
...	5·580	+12·478	— 5	M *m*	...
...	5·628	−44·601	— 4	...	...
...	5·631	+26·080	— 5	...	...

404, 405. 47°·42; 47°·43, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
421-480					
421					
...	+ 5′·704	+27′·871	− 5	M m	...
*	5·762	+56·529	1·30	45.1178	9·2
...	5·916	−49·323	− 5	M	...
...	6·127	−16·970	− 4	...	...
...	6·196	−17·611	0·80	46.1190	9·9
...	+ 6·244	−45·130	− 5	M m	...
...	6·558	−38·057	− 4	M m	...
*	6·568	+36·992	0·95	45.1179	9·9
...	6·681	+18·585	− 5	M	...
...	6·743	+31·610	− 1	...	...
431					
...	+ 6·777	−27·009	0·65	...	...
...	6·797	+27·344	0·80	45.1180	9·9
...	7·339	−19·906	− 4	...	...
...	7·469	+39·305	− 5	m	...
...	7·493	+48·213	− 5	m	...
...	+ 7·609	−18·735	0·70	...	...
...	7·661	+48·213	− 4	a	...
...	7·742	+28·343	− 5	m	...
...	8·144	−51·254	− 5	...	...
...	8·231	−55·509	0·85	...	...
441					
*	+ 8·453	+42·538	0·90	45.1181	9·8
...	8·657	+ 2·150	− 5	m	...
...	8·815	−31·506	− 5	m	...
...	8·823	+47·156	− 5	m	...
...	8·890	+43·464	− 5	m	...
...	+ 8·893	+29·879	0·80	45.1182	10·0
...	9·113	−29·801	− 5	...	...
...	9·129	+50·576	− 1	...	...
...	9·672	−49·429	− 1	...	...
...	9·955	−20·350	− 5	...	...
451					
...	+10·083	+10·994	0·85	45.1183	9·9
...	10·149	+ 1·112	− 5	m	...
*	10·195	−18·446	0·90	46.1191	9·9
...	10·292	−14·028	− 4	...	...
...	10·293	+ 3·738	− 4	...	...
*	+10·412	−16·081	1·20	46.1192	9·2
...	10·668	−10·953	− 5	...	...
...	10·807	+20·835	− 3	...	...
*	11·266	−44·101	1·40	46.1193	9·2
...	11·380	+ 1·345	− 4	m	...
461					
...	+11·554	−51·818	− 4	...	...
...	11·676	+49·165	− 2	...	...
...	12·298	−17·523	− 5	...	...
...	12·614	+21·471	− 5	m	...
...	12·647	+ 6·435	− 5	m	...
...	+12·690	+29·920	− 4	m	...
...	12·826	+49·393	− 3	...	...
...	12·930	−51·376	− 5	...	...
...	13·055	−44·421	− 5	...	...
...	13·231	−56·396	− 5	...	...
471					
...	+13·238	−11·361	− 4	...	...
...	13·308	+20·760	− 3	...	...
...	13·348	+ 1·233	− 5	m	...
...	13·687	−43·924	− 5	...	...
...	13·868	−54·938	0·90	46.1194	10·0
...	+14·130	+46·625	− 1	45.1184	10·0
*	14·317	−37·262	1·30	46.1195	9·4
...	14·342	− 7·357	− 5	...	...
...	14·513	−30·571	0·65	46.1196	10·0
‡	14·841	−16·208	1·00	46.1197	9·5
481-540					
481					
...	+14′·940	−45′·695	− 5	° ...	...
...	14·980	−26·639	0·80	46.1198	9·8
...	15·158	+31·018	− 2	45.1185	10·0
...	15·187	+50·301	− 5	m	...
*	15·308	−27·842	1·20	46.1199	9·4
...	+16·139	−23·244	− 2	...	...
...	16·168	+56·729	− 3	...	...
...	16·338	−35·407	− 4	...	...
...	16·405	−55·407	− 5	...	...
...	16·634	+14·423	− 4	...	...
491					
...	+16·674	− 4·346	− 5	...	...
...	16·738	−20·348	− 2	...	...
...	16·786	−51·003	− 4	...	...
...	16·911	− 5·653	− 3	...	...
...	16·960	−49·231	− 1	...	...
...	+17·296	−37·420	− 5	m	...
...	17·375	+46·114	− 4	b	...
...	17·651	− 0·116	− 5	m	...
...	17·689	−54·289	− 1	...	...
...	17·891	−39·364	− 4	...	...
501					
...	+17·928	+22·301	− 4	m	...
...	18·031	+25·320	− 3	...	...
...	18·277	−56·656	− 2	...	...
...	18·324	+57·936	− 3	...	...
...	18·661	+20·378	− 5	m	...
...	+18·724	−37·038	− 5	m	...
*	18·874	+25·506	1·20	45.1186	9·2
...	18·908	+44·006	− 4	b	...
...	19·228	− 3·499	− 5	m	...
...	19·562	+ 0·415	0·70	45.1187	10·0
511					
...	+19·582	+49·655	− 4	...	...
...	19·647	− 3·873	− 4	...	...
...	19·656	−59·426	− 4	...	...
...	20·013	−45·025	− 5	m	...
*	20·126	−24·678	0·80	46.1200	10·0
*	+20·170	−21·944	0·80	46.1201	9·9
...	20·181	+35·331	− 4	...	...
...	20·278	+ 9·138	− 1	...	...
...	20·304	−33·405	0·70	...	...
...	20·350	+23·743	− 5	m	...
521					
...	+20·386	−55·401	− 3	...	...
*	20·406	+ 3·479	0·80	45.1189	9·7
*	20·457	+19·183	1·30	45.1188	9·4
...	20·538	+50·251	− 5	m	...
...	21·038	+51·954	− 4	a	...
...	+21·253	+35·356	− 5	m	...
...	21·277	−28·018	− 4	...	...
*	21·621	−37·417	1·15	46.1202	9·2
...	21·757	+24·407	− 5	m	...
*	22·031	+43·094	1·05	45.1191	9·4
531					
*	+22·139	+57·628	0·95	45.1190	9·7
...	22·379	+30·702	− 5	m	...
...	22·503	−31·859	− 3	...	...
...	22·605	−13·492	− 5	m	...
...	22·647	+ 4·253	− 5	m	...
*	+22·671	−15·049	0·80	46.1203	10·0
...	23·139	+34·537	− 5	m	...
...	23·297	−56·837	− 3	...	...
...	23·443	−40·951	− 5	m	...
...	23·767	+23·140	− 5	m	...
541-600					
541					
...	+23′·847	−37′·001	− 5	° ...	...
*	23·968	−18·212	0·85	46.1204	10·0
...	23·974	−41·327	− 3	...	...
...	24·321	+44·114	0·80	45.1192	10·0
...	24·460	+49·159	0·80	45.1193	10·0
...	+24·515	−17·458	− 5	m	...
*	24·655	−27·752	0·90	46.1206	9·8
†	24·704	−56·352	− 5	...	...
†	24·771	−15·971	− 4	...	...
*	25·065	+30·981	0·85	45.1195	10·0
551					
...	+25·189	+27·277	− 2	...	...
*	25·305	+49·675	1·60	45.1194	8·8
...	25·370	− 8·412	− 3	...	...
...	25·402	+17·278	− 5	m	...
...	25·530	+25·412	− 1	45.1196	10·0
...	+25·561	−25·852	− 4	...	...
*	26·044	+56·963	1·20	45.1197	9·4
...	26·186	+19·326	− 2	...	...
...	26·675	+31·305	− 5	m	...
...	26·722	−53·313	0·70	...	...
561					
*	+26·736	−57·473	1·15	46.1208	9·6
...	26·944	+41·941	− 5	m	...
...	27·000	+ 8·343	− 2	...	...
...	27·033	+43·313	− 5	m	...
...	27·131	+34·926	− 4	b	...
...	+27·433	+36·897	− 5	m	...
*	27·534	−20·450	0·90	46.1209	9·6
*	27·539	−34·481	1·15	46.1210	9·2
†	27·548	−19·790	− 5	m	...
...	27·629	+ 4·291	− 5	m	...
571					
...	+27·848	+36·480	− 5	m	...
...	27·850	+22·890	− 4	m	...
...	27·948	+31·063	− 3	...	...
*	28·093	−36·032	1·20	46.1212	9·2
...	28·095	−11·996	0·75	46.1211	10·0
...	+28·355	+ 0·342	− 2	...	...
...	28·565	−50·230	− 5	m	...
...	28·759	−25·546	0·70	46.1213	10·0
*	29·100	+44·967	0·95	45.1198	9·8
...	29·264	−58·228	− 5	...	...
581					
*	+29·314	+30·965	1·15	45.1199	9·2
...	29·406	−24·693	− 3	...	...
...	29·542	−53·767	− 5	m	...
...	29·557	+50·603	− 2	...	...
...	30·654	+52·477	− 5	m	...
...	+30·885	+12·644	− 5	m	...
*	31·078	−35·172	0·85	46.1214	9·9
...	31·141	−47·045	− 2	...	...
...	31·958	+47·737	− 4	...	...
*	31·968	+13·666	1·00	45.1200	9·5
591					
...	+32·097	+20·987	− 1	45.1201	10·0
...	32·102	+ 7·052	− 5	m	...
...	32·223	+33·219	− 4	...	...
...	32·259	−55·860	− 2	46.1215	10·0
...	32·343	+22·131	− 5	m	...
*	+32·955	−47·432	1·20	46.1216	9·4
*	33·031	+53·230	1·60	45.1202	9·0
S *	33·216	+11·023	2·00	45.1203	8·2
...	33·540	+26·304	− 1	...	...
...	33·547	+ 8·562	− 5	m	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
601–660					
601					
...	+33·561	+43·220	− 1	...	...
...	33·822	+53·956	− 4	...	...
...	33·875	−26·467	− 5	...	...
...	33·949	−26·487	− 3	...	...
...	33·963	−36·035	− 5	...	...
*	+34·073	− 6·937	0·95	46.1217	9·9
...	34·277	+ 1·100	− 3	...	...
...	34·283	−19·053	− 2	...	...
...	34·402	+17·121	− 5	...	...
...	34·613	−20·052	− 4	...	...
611					
...	+34·684	−15·004	− 5	*m*	...
...	34·991	+42·364	− 5	...	...
...	35·204	+34·781	− 4	...	...
*	35·287	+49·207	1·20	45.1204	9·2
*	35·505	−53·865	1·00	46.1218	9·6
*	+35·537	+46·729	1·00	45.1205	9·6
...	35·869	+34·662	− 4	...	...
...	35·948	+23·381	− 4	...	...
...	35·984	+42·720	− 5	*m*	...
*	36·296	−41·619	1·30	46.1219	9·2
621					
...	+36·526	+30·177	− 5	*m*	...
...	36·534	− 4·429	− 3	...	...
...	36·681	−39·765	− 5	*m*	...
...	36·884	+46·113	− 5	*m*	...
*	36·974	+18·373	0·90	45.1206	9·6
*	+37·032	−49·398	1·10	46.1220	9·9
...	37·295	+25·045	− 4	*a*	...
...	37·718	+40·421	− 4	...	...
*	37·818	+27·896	0·80	45.1207	10·0
...	37·941	+ 0·676	− 5	*m*	...
631					
...	+38·339	+43·805	− 3	...	...
...	38·366	+59·581	− 4	...	...
...	38·452	+14·372	− 5	*m*	...
...	38·459	+55·733	− 1	45.1208	9·9
...	38·546	+17·037	0·75	45.1209	10·0
...	+38·739	+26·515	− 5	...	...
...	38·754	+13·514	− 5	...	...
*	38·913	−40·548	1·80	46.1221	9·0
...	38·975	−38·360	− 2	46.1222	10·0
...	39·003	+11·401	− 4	...	...
641					
...	+39·264	−30·147	− 5	*m*	...
...	39·627	−44·195	− 3	46.1223	10·0
†	39·798	+46·242	0·70	45.1210	10·0
...	39·858	−43·853	0·80	46.1224	10·0
...	39·865	− 0·462	− 5	*m*	...
...	+39·872	− 8·780	0·70	...	...
*	40·063	−57·675	1·15	46.1225	9·7
...	40·173	−28·082	− 4	...	...
...	40·184	−29·940	0·65	...	...
...	40·385	+46·063	− 5	*m*	...
651					
...	+40·627	+23·320	− 5	...	...
...	40·634	−48·953	− 4	*m*	...
...	40·743	−36·807	0·65	...	...
...	40·932	+ 0·738	− 3	...	...
*	41·217	+53·180	1·05	45.1211	9·5
...	+41·264	−25·181	0·70	46.1226	10·0
...	41·289	−47·766	− 4	*m*	...
...	41·313	+19·545	− 4	...	...
...	41·345	−47·037	− 5	*m*	...
...	41·488	+18·542	− 3	...	...
661–720					
661					
*	+41·676	+27·500	0·85	45.1212	10·0
...	41·911	− 2·600	− 3	...	...
S *	41·980	− 1·409	1·50	45.1214	9·0
...	42·068	−27·504	− 5	*m*	...
...	42·158	+53·274	− 5	*m*	...
...	+42·257	−22·366	− 4	...	...
*	42·396	+14·574	1·05	45.1215	9·4
S *	42·496	+41·226	1·90	45.1213	8·8
...	42·662	−19·328	− 5	*m*	...
*	42·865	−15·178	0·85	46.1227	9·9
671					
...	+43·001	+29·289	− 4	...	...
*	43·157	+10·339	0·95	45.1218	9·5
*	43·189	+16·476	0·80	45.1217	10·0
*	43·339	+27·820	1·20	45.1216	9·4
...	43·630	−39·566	− 5	...	...
*	+43·791	+17·093	0·80	45.1219	10·0
...	43·974	−36·521	− 3	...	...
...	44·007	−27·134	− 5	...	...
...	44·067	−40·483	− 5	...	...
...	44·083	+ 0·354	− 2	...	...
681					
...	+44·201	−12·998	− 4	...	...
*	44·416	+17·426	0·90	45.1220	10·0
...	44·534	+24·255	− 5	*m*	...
*	44·604	+18·027	1·00	45.1221	9·4
†	44·667	+30·167	− 5	...	...
†	+44·683	−17·473	− 3	...	...
...	44·774	+10·313	− 5	*e*	...
...	44·781	+14·374	− 5	*m*	...
...	44·814	−13·914	− 5	...	...
...	44·864	+59·901	− 4	...	...
691					
...	+44·986	−36·150	− 1	46.1229	10·0
...	45·019	−17·131	− 3	...	...
...	45·200	+54·560	− 4	...	...
*	45·242	−16·495	1·05	46.1228	9·4
...	45·329	+54·327	− 5	...	...
S *	+45·433	−27·848	1·50	46.1230	8·6
...	45·522	+32·400	− 4	...	...
...	45·845	−45·084	− 1	...	...
...	46·163	+20·771	− 5	*e*	...
*	46·295	−52·600	1·05	46.1232	9·5
701					
...	+46·479	+31·283	− 5	...	...
...	46·539	+28·052	− 3	...	...
...	46·551	− 9·409	− 3	...	...
*	46·555	−33·208	1·00	46.1231	9·4
...	46·866	+51·205	− 5	...	...
...	+47·401	+ 6·358	− 5	*m*	...
*	47·405	+ 3·942	0·85	45.1223	9·7
...	47·514	+58·273	− 3	...	...
...	47·896	−25·179	− 5	*m*	...
...	48·031	+45·689	0·80	45.1222	10·0
711					
...	+48·046	−42·500	0·65	...	...
...	48·104	+50·375	− 5	*m*	...
*	48·155	+31·188	0·80	45.1224	9·8
...	48·216	−16·258	− 4	...	...
...	48·328	− 3·197	− 5	...	...
...	+48·347	−42·904	0·75	46.1233	10·0
...	48·471	−47·616	− 4	*e*	...
...	48·570	−38·852	− 5	*m*	...
...	48·764	+51·676	− 5	...	...
...	48·870	−42·541	− 3	...	...
721–779					
721					
*	+49·119	+26·705	1·05	45.1225	9·5
...	49·210	+28·753	− 4	...	...
*	49·431	+30·771	0·80	...	...
...	49·512	−21·428	− 5	*e*	...
...	49·538	−39·365	− 5	...	...
...	+49·580	− 3·262	− 5	*m*	...
†	49·650	−29·078	0·75	46.1234	10·0
*	49·904	+45·268	1·15	45.1227	9·4
...	50·035	−42·781	− 1	46.1235	9·9
*	50·129	+53·888	1·50	45.1226	9·2
731					
...	+50·319	+ 1·778	− 3	...	...
...	50·647	+23·396	− 1	45.1228	10·0
†	50·881	−34·792	0·90	46.1236	9·9
...	50·894	+42·775	− 5	*e*	...
...	50·941	−22·087	− 4	...	...
...	+51·593	+42·500	− 4	...	...
...	51·676	+35·151	− 4	...	...
...	51·743	−40·087	− 4	...	...
...	51·819	+46·738	− 5	...	...
...	51·927	−36·080	− 4	...	...
741					
...	+52·001	+27·335	− 4	...	...
...	52·012	+ 0·037	− 5	*e*	...
...	52·297	+ 8·317	− 5	*m*	...
...	52·604	+ 6·321	− 3	...	...
...	52·608	+12·174	− 3	...	...
...	+52·904	+22·105	− 4	...	...
...	53·591	−59·146	− 3	46.1238	9·9
...	53·693	− 1·341	− 2	45.1230	10·0
...	54·041	−30·463	0·90	46.1237	9·8
...	54·139	−19·864	− 3	...	...
751					
...	+54·477	+ 3·186	− 3	...	...
...	54·520	+22·264	− 5	*e*	...
*	54·561	+48·204	0·95	45.1229	9·7
...	54·870	− 2·809	− 4	...	...
...	54·873	−21·304	− 5	*e*	...
...	+55·154	−35·193	− 4	*e*	...
...	55·263	−10·560	− 2	...	...
*	55·294	+30·548	0·95	45.1231	9·7
...	55·461	+28·509	− 5	*m*	...
...	55·688	+15·265	− 5	*e*	...
761					
*	+55·965	− 59·218	1·40	46.1239	9·2
...	56·045	+46·300	− 4	...	...
...	56·254	−50·854	− 3	...	...
†	56·255	+45·002	− 5	...	...
...	56·255	−19·850	− 4	...	...
...	+56·512	+17·331	− 4	...	...
...	56·949	−25·183	0·90	46.1240	10·0
...	57·062	+47·654	− 5	*e*	...
...	57·225	+ 1·546	− 3	...	...
...	57·327	+42·857	− 5	...	...
771					
...	+57·364	+15·886	− 4	...	...
...	58·176	+58·138	− 3	44.1290	10·0
...	58·365	+36·168	− 3	45.1233	10·0
*	58·457	+48·742	1·00	45.1232	9·6
...	58·605	+ 7·789	− 5	*e*	...
...	+58·832	−29·927	− 4	...	...
...	59·116	−13·917	− 3	...	...
...	59·543	+59·030	− 3	44.1292	10·0
†	59·678	+16·765	− 2	45.1234	9·9

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
1–60					
1					
...	−59·770	+10·090	− 5	E	...
...	59·714	+32·184	− 5	...	...
...	59·621	−13·227	− 5	...	...
...	59·387	−27·376	− 5	...	...
...	59·117	−36·761	− 5	...	...
...	−58·981	−17·681	− 3	...	...
...	58·963	+51·023	− 5	...	...
...	58·960	−14·122	− 5	...	...
...	58·890	−40·705	− 5	...	...
...	58·732	+31·095	− 5	...	...
11					
...	−58·698	+20·591	− 4	E	...
...	58·663	−17·338	− 3	...	...
...	58·577	+27·862	− 3	...	...
...	58·547	+58·115	− 4	...	...
*	58·465	−16·697	1·30	46.1228	9·4
...	−58·099	−36·355	− 2	46.1229	10·0
S*	57·916	−28·046	2·00	46.1230	8·6
...	57·633	+45·551	0·80	45.1222	10·0
...	57·376	− 9·580	− 2	...	...
*	57·048	+31·048	0·90	45.1224	9·8
21					
...	−56·964	−45·257	− 2	...	...
*	56·937	+ 3·792	1·00	45.1223	9·7
*	56·627	−33·360	1·40	46.1231	9·4
*	56·280	−52·748	1·30	46.1232	9·5
*	55·943	+26·610	1·30	45.1225	9·5
...	−55·913	+28·649	− 4	...	...
...	55·788	− 3·324	− 4	...	...
*	55·778	+53·791	1·70	45.1226	9·2
...	55·763	+30·679	0·80	...	...
*	55·734	+45·165	1·60	45.1227	9·4
31					
...	−55·498	−16·363	− 4	...	...
...	54·848	−42·594	− 1	...	...
...	54·673	+42·715	− 4	E	...
...	54·539	−42·989	0·65	46.1233	10·0
...	54·310	+23·343	0·80	45.1228	10·0
...	−54·257	−47·692	− 5	E	...
...	54·060	−21·482	− 5	E	...
...	54·045	−10·048	− 5	...	...
...	54·025	−42·604	− 3	...	...
...	53·968	+ 1·718	− 1	...	...
41					
...	−53·960	+42·471	− 3	...	...
...	53·876	+46·723	− 5	...	...
*	53·669	−29·126	0·90	46.1234	10·0
...	53·649	+35·094	− 4	...	...
...	53·461	−39·423	− 3	...	...
...	−53·457	+29·037	− 5	M	...
...	53·084	+27·328	− 2	...	...
*	52·846	−42·824	1·00	46.1235	9·9
...	52·594	−22·117	− 4	...	...
*	52·265	−34·796	1·00	46.1236	9·9
51					
...	−52·262	−25·908	− 5	...	...
†	52·230	+ 0·041	− 5	E	...
...	52·023	+22·126	− 3	...	...
...	52·004	+12·185	− 2	...	...
...	51·827	+ 6·340	− 3	...	...
...	−51·822	+12·844	− 5	M	...
...	51·720	−21·713	− 5	M	...
...	51·230	−40·088	− 3	...	...
*	51·171	+48·263	1·10	45.1229	9·7
...	51·163	−36·059	− 3	...	...
61–120					
61					
...	−50·499	− 1·285	0·70	45.1230	10·0
...	50·415	+22·338	− 4	E	...
‡	49·878	+30·638	1·20	45.1231	9·7
...	49·852	+ 3·265	0·75	...	...
...	49·652	+28·601	− 4	M	...
...	−49·636	+46·413	0·85	...	...
...	49·539	−48·437	− 5	M	...
...	49·487	−19·774	0·75	...	...
...	49·360	+45·123	− 3	...	...
...	49·275	− 2·714	− 1	...	...
71					
...	−49·251	+15·735	− 3	B	...
*	49·247	−30·375	0·95	46.1237	9·8
...	49·027	+15·370	− 5	E	...
...	48·795	−59·061	0·90	46.1238	9·9
...	48·680	−21·214	− 4	E	...
...	−48·679	+47·788	− 4	E	...
...	48·638	−10·464	0·80	...	...
...	48·270	+17·466	− 2	...	...
...	48·257	+42·990	− 3	...	...
...	47·973	−35·075	− 3	E	...
81					
...	−47·897	+58·303	0·90	44.1290	10·0
...	47·366	−19·699	0·75	...	...
...	47·361	+16·048	0·80	...	...
*	47·304	+48·920	1·15	45.1232	9·6
...	47·247	+49·348	− 3	...	...
...	−47·084	− 2·314	− 5	M	...
...	47·052	+ 1·711	0·65	...	...
...	47·016	+ 0·869	− 5	M	...
...	46·990	+36·348	0·85	45.1233	10·0
...	46·921	−45·172	− 4	M	...
91					
...	−46·548	+59·235	0·85	44.1292	10·0
*	46·498	−25·023	0·95	46.1240	10·0
*	46·398	−59·062	1·60	46.1239	9·2
...	46·380	−50·700	0·95	...	...
...	46·373	−29·841	− 4	...	...
...	−46·061	−33·087	− 5	M	...
...	45·939	− 1·472	− 5	M	...
...	45·871	+ 7·988	− 2	E	...
...	45·855	+56·828	− 1	...	...
...	45·775	+11·605	− 5	M	...
101					
...	−45·429	+54·254	− 2	...	...
...	45·414	+20·187	− 5	M	...
*	45·074	+16·995	0·95	45.1234	9·9
...	44·688	−13·679	0·75	...	...
...	44·601	+14·131	− 4	M	...
...	−44·522	+22·357	− 5	M	...
...	44·489	−29·689	− 1	...	...
...	44·423	+34·593	− 1	...	...
...	44·141	+24·237	− 3	A	...
...	44·133	−11·851	0·80	...	...
111					
...	−43·998	+ 4·220	− 5	M	...
...	43·885	− 2·907	− 4	M	...
...	43·826	− 6·510	0·70	...	...
...	43·496	−18·250	0·80	46.1241	10·0
...	43·279	+47·305	− 5	M	...
...	−43·233	− 7·861	− 5	M	...
...	43·098	−35·424	0·85	46.1242	10·0
...	42·905	+48·124	0·70	...	...
...	42·756	−52·712	− 5	M	...
...	42·712	+17·759	− 2	A	...
121–180					
121					
...	−42·709	+ 2·348	− 5	M	...
...	42·463	+18·400	− 5	M	...
S*	42·316	+49·534	4·00	45.1235	7·5
*	42·187	−33·399	0·85	46.1243	10·0
...	41·987	+37·993	− 3	A	...
...	−41·878	−40·667	− 2	A	...
...	41·815	+14·393	0·70	...	...
...	41·811	− 1·783	− 5	M	...
...	41·599	+ 7·000	− 5	M	...
...	41·471	−10·747	− 3	...	...
131					
...	−41·293	− 5·457	− 5	M	...
*	41·286	+42·766	1·00	45.1237	9·9
...	41·097	− 2·480	0·80	45.1236	10·0
...	41·090	+23·136	− 5	M	...
*	41·080	+36·223	1·80	45.1238	9·2
*	−40·978	−24·298	1·70	46.1244	9·2
...	40·947	+32·341	− 3	B	...
...	40·632	−49·328	− 5	M	...
...	40·582	−19·284	− 5	M	...
*	40·460	−31·056	1·00	46.1245	10·0
141					
*	−40·402	+18·469	1·70	45.1239	9·0
...	40·171	+25·217	− 5	M	...
...	40·103	+59·256	− 5	M	...
...	39·912	−45·137	− 3	...	...
*	39·865	+43·496	1·00	45.1240	9·9
...	−39·851	+41·930	− 5	M	...
*	39·832	−55·425	1·00	46.1246	9·9
...	39·803	−33·821	− 5	M	...
...	39·294	−23·881	− 5	...	...
...	39·219	−48·720	− 3	...	...
151					
*	−39·182	+ 3·145	0·95	45.1241	9·8
...	39·027	−12·089	− 5	...	...
...	38·814	−38·958	− 3	...	...
...	38·735	+52·098	− 1	45.1242	10·0
...	38·431	−49·213	− 5	M	...
...	−38·245	+53·232	− 2	...	...
...	38·194	+18·498	− 5	M	...
...	38·042	+40·298	− 5	M	...
...	37·941	−55·947	0·80	...	...
...	37·827	− 1·961	− 4	...	...
161					
...	−37·583	−32·161	− 4	...	...
...	37·457	−36·316	− 5	M	...
‡	37·318	−39·901	0·90	46.1247	10·0
‡	37·300	+24·969	1·00	45.1243	9·9
*	37·074	+32·989	0·90	45.1244	10·0
...	−36·948	+20·597	− 3	...	...
...	36·940	+17·421	− 5	M	...
...	36·881	− 7·484	− 2	...	...
...	36·799	−44·299	− 3	A	...
...	36·731	+19·240	− 5	M	...
171					
...	−36·682	+ 2·122	− 4	M	...
...	36·430	+11·206	− 2	...	...
...	36·428	−50·235	− 2	...	...
...	36·369	+10·724	− 3	B	...
†	36·328	− 0·057	− 5	M	...
...	−36·279	− 2·531	0·65	46.1249	10·0
...	36·217	+43·534	− 5	M	...
...	36·148	−37·864	0·90	46.1248	10·0
...	35·884	−22·267	− 4	...	...
...	35·830	−51·302	− 4	M	...

MC measured from 1, 144, 307, 459, 610, 821.
ES „ „ 63, 230, 376, 536, 691, 903.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
181-240					
181					
*	−35·813	+48·413	1·40	45.1245	9·2
...	35·771	+46·955	− 5	M	...
...	35·588	+46·797	− 4	...	...
...	35·581	+55·098	− 2	45.1246	10·0
...	35·537	−51·397	− 1	...	...
...	−35·464	− 7·279	− 2	...	...
...	35·413	−40·068	− 1	46.1250	10·0
*	35·228	+44·966	0·90	45.1247	10·0
*	35·152	−41·677	1·30	46.1251	9·4
†	35·045	−31·346	− 4	...	...
191					
†	−34·963	−38·571	− 1	...	...
...	34·915	−21·653	− 4	...	...
...	34·758	−35·205	− 3	...	...
...	34·753	−21·910	− 2	...	...
S*	34·732	−42·660	1·50	46.1252	9·0
...	−34·689	−34·226	− 2	...	...
...	34·661	+24·385	− 5	M	...
*	34·199	+12·176	0·80	45.1248	10·0
...	33·464	−17·974	− 5	M	...
...	33·114	−19·389	− 5	M	...
201					
...	−32·850	−41·651	− 4	...	...
*	32·796	+ 2·947	0·90	45.1249	9·9
S*	32·719	−12·139	2·40	46.1253	8·2
...	32·699	+19·718	− 5	M	...
*	32·547	+29·222	0·90	45.1250	9·9
...	−32·178	−14·352	− 5	M	...
n*	32·121	+27·927	1·10	45.1251	9·5
...	32·100	+30·928	− 5	M	...
...	32·076	−57·565	− 5	M	...
...	32·059	+ 1·108	− 4	M	...
211					
...	−32·045	−52·686	− 3	...	...
n*	32·031	+27·972	0·85	45.1251	9·5
...	31·838	+11·958	− 3	...	...
...	31·378	+39·789	− 5	M	...
...	31·339	+33·304	0·90	45.1252	10·0
...	−31·251	+29·014	− 4	M	...
...	31·104	+50·689	− 5	M	...
...	31·085	−38·299	− 2	...	...
...	30·927	−53·219	− 3	...	...
...	30·532	− 5·073	− 5	M	...
221					
*	−30·461	−57·912	1·20	46.1254	9·9
...	30·421	− 3·824	− 5	M	...
...	30·410	+16·729	− 4	...	...
...	30·398	−35·919	− 3	...	...
...	30·220	+38·472	− 4	M	...
...	−30·201	−22·834	− 3	...	...
...	30·176	−37·521	− 5	M	...
*	30·131	+40·207	1·90	45.1253	8·5
‡	30·025	− 8·552	0·90	46.1255	9·9
†	29·960	+ 4·359	0·75	45.1255	10·0
231					
†	−29·957	+ 8·526	0·75	45.1254	10·0
...	29·836	+51·075	− 5	M	...
...	29·208	−12·605	0·80	46.1256	10·0
...	29·095	−38·061	− 5	M	...
*	29·022	+36·524	1·00	45.1256	9·9
...	−28·876	−20·434	− 5	M	...
...	28·810	+20·963	0·65	...	...
...	28·685	+ 0·415	− 1	...	...
...	28·569	−17·887	− 2	...	...
*	28·117	−25·413	1·25	46.1257	9·4

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
241-300					
241					
...	−28·112	+ 0·433	− 3	B	...
...	28·068	+41·977	− 5	M	...
...	28·025	+11·330	− 3	B	...
...	27·942	−55·075	− 4	...	...
...	27·822	−28·667	0·70	...	...
*	−27·809	− 9·735	1·20	46.1259	9·4
...	27·691	+10·858	− 1	...	...
...	27·650	−52·922	0·90	46.1258	10·0
...	27·507	−56·813	− 3	...	...
...	27·431	−35·388	− 2	...	...
251					
...	−27·235	−13·443	− 4	...	...
...	27·102	+21·189	− 5	M	...
...	27·081	+50·143	− 3	A	...
...	26·898	+52·391	− 5	M	...
...	26·565	+30·906	− 4	M	...
...	−26·544	+42·187	− 4	M	...
...	26·491	+56·941	− 3	...	...
...	26·358	+59·105	− 3	...	...
*	26·350	−48·666	1·00	46.1260	9·7
...	26·334	+30·177	− 5	M	...
261					
...	−26·277	+20·839	− 4	M	...
*	26·124	+28·702	2·30	45.1257	8·3
...	25·737	−46·236	− 3	A	...
...	25·732	−38·288	− 3	...	...
...	25·587	−26·161	− 5	M	...
...	−25·581	−59·665	0·85	46.1261	9·9
...	25·573	−46·351	− 3	A	...
†	25·229	+49·892	0·75	...	...
*	24·635	−10·207	0·90	46.1262	10·0
‡	24·466	+34·942	2·90	45.1258	7·6
271					
...	−24·298	+52·262	− 5	M	...
...	24·137	+ 3·715	− 5	M	...
...	24·117	+41·896	− 5	M	...
‡	23·568	−54·826	0·90	46.1263	10·0
...	23·424	−42·776	− 5	M	...
...	−23·292	+32·221	− 5	M	...
...	23·257	+39·336	− 5	M	...
*	23·134	−35·586	0·85	46.1264	10·0
*	23·066	+33·293	0·95	45.1259	9·7
...	22·978	+ 0·200	0·65	α	...
281					
...	−22·797	+30·000	0·80	45.1260	10·0
...	22·661	−55·203	0·65	...	...
...	22·402	+31·385	0·65	...	...
*	22·184	−20·493	1·00	46.1265	9·7
...	22·132	−50·143	− 5	M	...
...	−22·047	+27·143	− 3	A	...
...	21·953	+ 1·090	− 3	B	...
...	21·885	+15·235	− 5	M	...
...	21·853	+ 8·217	− 3	B	...
...	21·743	+58·537	0·80	44.1324	10·0
291					
...	−21·653	− 4·648	− 2	...	...
*	21·618	−35·709	0·85	46.1266	10·0
...	21·525	+ 4·162	− 5	M	...
...	21·434	−11·307	− 2	...	...
...	21·411	+53·273	− 5	M	...
...	−21·294	+ 0·761	− 3	A	...
*	21·053	+ 8·358	1·10	45.1261	9·6
...	20·919	−10·401	− 5	M	...
...	20·664	−36·991	− 3	A	...
*	20·627	+50·196	1·05	45.1262	9·8

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
301-360					
301					
*	−20·600	−15·826	1·15	46.1268	9·6
...	20·592	−41·717	0·80	46.1267	10·0
...	20·444	−22·792	− 3	...	...
...	20·413	+39·265	0·75	...	...
...	20·390	+48·779	0·80	...	...
...	−20·085	− 1·025	− 4	M	...
...	19·457	−42·089	− 4	...	...
...	19·437	+48·308	− 3	...	...
...	18·981	+17·314	− 5	M	...
...	18·939	−56·477	0·80	46.1269	10·0
311					
...	−18·885	+59·114	− 4	...	...
...	18·883	+34·397	− 5	M	...
...	18·835	+23·754	0·80	45.1263	10·0
S*	18·581	+17·240	2·00	45.1264	8·5
*	18·390	+38·908	0·85	45.1265	10·0
...	−17·995	−43·741	0·75	46.1270	9·8
...	17·945	+20·386	− 4	M	...
...	17·571	+40·762	− 5	M	...
...	17·434	−23·857	− 2	...	...
...	17·287	+55·081	0·80	45.1266	10·0
321					
...	−17·282	+24·477	− 4	M	...
...	17·071	−50·611	− 4	...	...
...	16·992	+43·288	− 5	M	...
...	16·946	+11·779	− 4	...	...
...	16·712	−38·505	− 5	...	...
...	−16·696	+31·679	0·65	...	...
...	16·623	−29·765	− 5	M	...
...	16·510	+42·090	− 1	...	...
...	16·453	+29·162	− 4	M	...
*	16·430	+12·591	1·50	45.1267	9·4
331					
...	−16·354	+53·779	− 5	M	...
...	16·183	+55·176	− 3	...	...
...	16·045	−26·628	− 5	...	...
...	15·699	− 0·895	− 1	...	...
...	15·589	+51·972	− 5	M	...
...	−15·507	−57·028	− 5	...	...
*	15·485	− 3·622	0·75	46.1271	9·9
*	15·377	− 9·715	1·00	46.1273	9·8
...	15·366	−12·233	0·65	46.1272	10·0
...	15·344	−22·410	− 5	...	...
341					
*	−15·246	− 1·885	1·10	45.1268	9·6
...	15·141	−12·797	− 1	...	...
...	15·125	+28·633	0·80	45.1269	10·0
...	14·895	+59·557	− 4	...	...
...	14·848	−28·445	− 4	...	...
...	−14·666	+36·622	0·85	45.1270	10·0
...	14·635	+49·155	0·65	...	...
...	14·311	+42·111	− 1	...	...
...	14·210	−49·203	− 5	...	...
*	13·884	−19·878	0·75	46.1274	10·0
351					
...	−13·846	−45·760	− 4	...	...
...	13·635	− 5·530	− 5	M	...
‡	13·512	+24·869	1·00	45.1271	9·6
...	13·403	+59·249	− 4	...	...
...	13·397	+46·060	0·65	...	...
...	−13·239	+26·833	0·65	45.1272	10·0
...	13·087	+18·004	− 3	B	...
...	12·771	−21·814	− 4	...	...
*	12·485	−31·756	1·80	46.1275	8·8
...	12·390	+ 8·594	− 3	A	...

207, 212. C.P.D., mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
361-420					
361					
...	−12·333	−57·867	− 3	...	...
...	11·857	− 9·266	0·80	46.1276	10·0
...	11·844	+59·461	− 5	M	...
...	11·721	−17·350	− 4	...	...
...	11·628	−34·170	− 5	M	...
...	−11·415	−23·348	− 5	...	...
...	11·413	+18·849	− 3	...	...
...	11·246	−25·858	− 4	M	...
...	11·199	−40·372	− 4	...	...
...	10·734	+ 9·420	− 4	M	...
371					
*	−10·503	−49·554	0·95	46.1277	9·9
...	10·472	−59·691	− 3	...	...
...	10·420	−35·496	0·65	...	...
...	10·410	−29·661	− 4	...	...
...	10·189	+14·104	− 3	...	...
†	−10·005	+38·452	− 4	M	...
*	9·862	−27·777	1·05	46.1278	9·6
...	9·776	−24·032	− 5	M	...
*	9·760	−18·526	0·90	46.1279	10·0
...	9·745	−36·357	− 3	...	...
381					
...	− 9·442	+49·622	− 5	M	...
...	9·335	+48·653	− 5	M	...
...	9·083	+25·935	− 1	...	...
...	8·832	−36·246	− 5	...	...
...	8·705	+58·474	− 5	M	...
*	− 8·594	+12·230	0·90	45.1273	10·0
...	8·496	−19·267	0·75	...	...
...	8·488	−55·408	− 2	...	...
...	8·324	+15·625	− 5	M	...
...	8·245	−22·729	− 4	*m*	...
391					
*	− 8·152	−58·554	1·10	46.1280	9·7
...	8·093	−35·747	− 4	...	...
...	7·824	−41·412	0·75	46.1281	10·0
...	7·815	+ 7·227	− 4	M *m*	...
...	7·811	−45·848	− 4	...	...
...	− 7·799	+20·384	− 4	M	...
...	7·754	+14·238	− 5	M *m*	...
...	7·670	+26·666	− 3	A	...
...	7·522	− 0·649	0·65	45.1274	10·0
...	7·210	+55·473	0·80	45.1275	10·0
401					
...	− 7·125	+45·968	− 2	M	...
...	7·037	+39·984	− 4	M	...
...	6·977	+ 5·766	− 3	M	...
...	6·927	+20·259	− 5	M *m*	...
...	6·533	−58·058	− 5	...	...
...	− 6·530	−36·172	0·65	...	...
...	6·134	−51·849	− 5	M	...
...	6·097	+47·384	0·75	...	...
...	5·955	+44·101	− 4	M	...
...	5·905	+42·479	− 2	M	...
411					
...	− 5·732	+49·458	− 1	...	...
...	5·714	+ 0·177	− 3	α *m*	...
...	5·548	−18·342	− 5	M *m*	...
*	5·451	+50·875	1·30	45.1276	9·5
...	5·178	+34·183	− 2	...	...
†	− 5·090	+53·559	− 5	M	...
†	5·049	−41·058	0·70	...	...
...	4·848	−36·256	− 4	...	...
*	4·763	−17·814	0·95	46.1282	10·0
...	4·707	+36·252	− 5	M *m*	...
421-480					
421					
...	− 4·588	−18·983	0·70	...	...
...	4·536	+51·945	− 3	M	...
...	4·419	+11·523	− 5	M	...
...	4·275	−52·811	− 4	...	...
‡	4·228	+29·945	0·90	45.1278	10·0
‡ *	− 4·220	+22·276	1·05	45.1277	9·8
...	4·206	−14·543	0·75	46.1283	10·0
...	4·129	−31·860	− 2	...	...
...	3·658	+29·778	0·70	...	...
...	3·630	+ 8·856	− 5	M *m*	...
431					
...	− 3·511	+42·667	− 4	M	...
...	3·350	−30·673	− 3	...	...
*	3·201	+31·342	1·15	45.1279	9·5
...	3·126	+31·094	− 5	M *m*	...
S *	3·007	−35·518	7·00	46.1284	5·6
...	− 2·865	−44·649	− 4	M	...
...	2·460	+21·088	− 1	M	...
...	2·439	+28·018	− 1	M	...
*	2·210	−23·303	0·80	46.1285	10·0
*	1·932	+32·519	0·95	45.1280	9·9
441					
*	− 1·826	−28·458	0·80	46.1286	10·0
...	1·814	+ 3·049	− 5	M *m*	...
...	1·796	+13·280	0·70	45.1281	10·0
...	1·701	+38·554	− 4	M	...
*	1·676	−41·282	1·25	46.1287	9·5
...	− 1·437	−47·863	0·75	...	...
...	1·435	+47·908	0·75	...	...
...	1·108	−47·692	0·75	...	...
...	0·909	+58·644	− 4	M	...
...	0·670	+52·767	− 1	...	...
451					
*	− 0·612	+35·548	0·90	45.1283	10·4
*	0·520	+31·777	0·85	45.1282	10·4
...	0·516	+50·091	− 4	M	...
*	0·503	−45·672	0·95	46.1288	10·0
...	0·474	+55·278	− 2	...	...
...	− 0·416	−14·738	− 2	...	...
†	0·380	−34·875	− 3	...	...
...	0·265	− 9·898	− 5	M *m*	...
†	0·033	+41·205	− 4	M	...
†	− 0·024	+51·330	− 4	...	...
461					
...	+ 0·005	+30·278	− 5	M	...
...	0·194	−49·572	− 4	...	...
...	0·298	+45·493	− 5	M	...
*	0·576	−33·501	0·90	46.1289	9·9
...	0·644	−48·979	− 4	*m*	...
...	+ 0·669	+20·509	0·75	45.1285	10·4
...	0·672	+50·555	− 1	45.1284	10·4
...	0·893	+37·590	− 1	...	...
*	1·064	+55·270	1·00	45.1286	9·8
...	1·126	−29·384	− 4	...	...
471					
*	+ 1·133	+14·472	1·90	45.1287	9·3
...	1·512	+45·334	− 4	M	...
...	1·813	−34·486	− 4	...	...
...	1·915	−22·672	− 3	...	...
...	1·922	+ 9·313	− 2	45.1288	10·4
*	+ 2·315	+39·035	1·30	45.1289	9·8
S *	2·442	+59·475	6·00	44.1347	5·8
*	2·443	+51·612	1·40	45.1290	9·5
*	2·466	−23·640	0·90	46.1291	10·0
...	2·674	−16·909	− 3	...	...
481-540					
481					
...	+ 2·787	+53·921	0·80	45.1291	10·1
...	3·078	−20·257	− 5	M	...
...	3·144	+45·537	− 5	M	...
...	3·158	−49·079	− 4	M	...
*	3·202	−20·900	0·90	46.1292	10·4
...	+ 3·285	−28·659	− 5	M	...
...	3·471	+40·549	− 3	...	...
...	3·549	+ 5·331	0·90	45.1292	10·0
...	3·903	+41·499	− 5	M	...
...	3·958	−36·247	− 4	...	...
491					
...	+ 4·014	−36·494	− 3	...	...
...	4·018	−27·304	0·65	46.1294	10·4
...	4·375	−48·335	− 5	...	...
...	4·400	+28·679	− 5	M	...
...	4·456	+38·687	− 1	...	...
...	+ 4·479	+43·188	− 4	M	...
...	5·004	+18·542	− 2	45.1293	10·4
...	5·006	−56·751	− 2	...	...
...	5·157	−23·383	− 3	...	...
...	5·192	−50·316	− 4	...	...
501					
...	+ 5·313	−13·955	− 4	...	...
...	5·381	−12·501	− 4	46.1295	10·4
...	5·387	+47·033	− 5	M	...
*	5·416	−17·623	− 3	...	...
‡	5·530	+54·900	0·95	45.1294	9·8
...	+ 5·539	−37·113	− 2	...	...
...	5·583	−25·059	− 5	...	...
...	5·665	+ 3·854	− 4	M	...
*	5·782	+42·118	1·00	45.1295	10·0
*	5·791	+26·477	1·40	45.1296	9·6
511					
*	+ 5·972	+43·594	0·90	45.1297	10·2
...	5·985	− 5·835	− 5	M *m*	...
...	6·079	+23·399	− 3	M	...
...	6·577	−54·461	− 2	...	...
...	6·984	+36·814	− 5	M	...
...	+ 7·254	+45·724	− 2	...	...
...	7·612	−29·059	− 3	...	...
*	7·653	− 3·601	1·40	46.1296	9·6
...	7·765	+54·605	− 5	*m*	...
...	7·770	+57·363	− 3	...	...
521					
...	+ 7·838	− 7·989	− 5	*m*	...
...	8·050	+49·196	− 5	...	...
...	8·198	+43·497	− 4	...	...
*	8·618	−25·441	2·20	46.1297	8·4
...	8·841	−59·028	− 2	...	...
...	+ 8·931	−22·927	− 2	46.1298	10·4
...	9·047	+22·398	− 1	...	...
*	9·161	+36·541	1·20	45.1298	9·8
*	9·359	−24·647	1·80	46.1299	8·9
...	9·387	+54·489	0·90	45.1299	10·1
531					
*	+ 9·694	+11·629	1·00	45.1302	9·8
*	9·697	+25·108	1·60	45.1301	9·2
...	9·744	+28·105	− 5	...	...
*	9·760	+52·054	0·95	45.1300	10·1
†	9·850	+11·844	− 5	...	...
*	+10·238	−47·328	1·80	46.1300	9·4
*	10·833	+43·638	1·15	45.1303	9·8
...	10·930	+46·997	− 4	...	...
...	10·950	+56·216	0·65	...	...
...	10·978	+ 1·696	− 2	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
541-600					
541					
...	+11·014	−40·750	− 4	...	...
*	11·101	+ 0·702	0·95	45.1305	10·2
...	11·353	+31·992	− 2	...	...
...	11·374	−35·108	− 4	...	...
*	11·508	+51·289	0·85	45.1304	10·2
*	+11·540	−18·605	1·00	46.1301	10·0
...	11·588	+ 3·048	− 2	...	...
...	11·752	+ 3·937	− 5	*m*	...
*	11·771	+30·380	1·35	45.1306	9·6
...	11·880	−14·850	0·80		
551				46.1302	10·4
...	+11·916	−14·821	0·70		
...	11·989	−58·968	− 4	...	...
*	12·054	+40·302	1·20	45.1307	9·8
...	12·283	+42·045	− 3	...	...
...	12·311	−12·774	− 5	*m*	...
...	+12·428	+31·670	− 4	...	...
...	12·643	− 6·694	− 3	...	...
...	13·027	+28·835	− 3	...	...
S *	13·108	− 9·182	3·20	46.1303	8·0
...	13·308	−53·968	− 5	...	...
561					
*	+13·436	+29·324	0·90	45.1308	10·4
...	13·444	+48·039	0·80	45.1309	10·4
...	13·692	+27·222	− 4	...	...
...	14·022	+28·615	− 2	...	...
...	14·138	−55·683	− 5	...	...
...	+14·257	+40·687	− 5	*m*	...
†	14·330	− 5·042	0·85	46.1304	10·2
...	14·332	−42·808	0·70	...	...
...	14·566	−45·490	0·70	46.1305	10·4
†	14·650	+29·871	0·65	...	...
571					
...	+14·728	−26·240	− 1	...	...
‡	14·853	− 3·524	1·15	46.1306	9·8
...	15·059	−15·054	− 3	...	...
*	15·473	−56·231	2·30	46.1307	8·6
...	15·539	+47·931	− 2	...	...
*	+15·758	+30·536	0·85	45.1310	10·4
...	16·134	−28·763	− 5	...	...
...	16·283	+37·164	− 2	...	...
...	16·362	+27·287	− 1	...	...
*	16·398	+41·054	1·25	45.1311	9·8
581					
*	+16·545	+ 5·085	1·10	45.1312	9·8
...	16·697	+20·930	− 5	...	...
...	16·771	−45·950	− 3	...	...
...	16·807	+41·581	− 4	...	...
...	17·095	−30·886	0·70	...	...
...	+17·182	−58·818	− 3	...	...
...	17·233	− 8·610	− 5	*m*	...
...	17·274	+21·827	− 4	...	...
...	17·275	+38·667	− 4	...	...
...	17·305	+ 3·443	− 4	...	...
591					
...	+17·724	+16·572	0·75	...	...
...	17·726	−51·363	0·80	46.1308	10·4
...	17·888	− 9·200	− 3	...	...
*	17·996	−57·705	2·20	46.1310	8·4
*	18·253	−10·469	1·25	46.1309	9·6
...	+18·349	−10·317	0·80		
...	18·533	−23·077	− 4	...	...
...	18·737	+ 0·821	− 3	...	...
...	18·757	+45·576	− 3	...	...
...	18·796	+14·710	0·75	...	...
601-660					
601					
...	+19·026	−58·676	− 5	...	...
...	19·235	−57·098	− 2	...	...
*	19·334	+23·940	0·90	45.1313	10·2
...	19·504	+16·971	0·75	...	...
S *	19·506	−40·533	5·80	46.1311	6·3
...	+19·719	+ 7·611	0·85	45.1314	10·4
...	19·724	−47·704	− 5	*m*	...
...	19·752	− 2·705	− 4	*m*	...
...	19·776	+ 1·521	− 5	...	...
...	19·940	−25·594	− 5	...	...
611					
...	+20·011	−38·373	− 5	...	...
...	20·119	−21·631	− 5	...	...
...	20·495	−17·515	− 5	...	...
...	20·712	+49·749	− 2	...	...
...	20·787	−11·445	0·65	46.1312	10·4
...	+20·899	+43·321	− 4	...	...
...	21·181	+34·255	− 3	...	...
...	21·275	+38·975	− 5	*m*	...
...	21·392	−20·779	− 5	...	...
...	21·423	+58·001	0·90	44.1368	10·4
621					
...	+21·582	+ 6·200	− 3	...	...
...	21·720	+41·017	− 3	...	...
...	21·814	−18·928	− 3	...	...
*	21·916	+39·253	1·40	45.1315	9·6
...	22·022	+17·940	0·65	...	...
*	+22·094	−13·804	0·90	46.1313	10·0
...	22·192	+34·963	− 5	...	...
...	22·403	−24·417	− 4	...	...
...	22·456	− 9·751	− 3	...	...
...	22·517	−23·161	− 5	...	...
631					
...	+22·596	−34·523	− 5	*m*	...
*	22·893	−21·308	0·90	46.1314	10·1
...	22·955	+32·740	− 5	...	...
...	22·976	−28·640	− 2	...	...
...	23·032	− 1·825	− 3	...	...
...	+23·070	−21·957	− 5	...	...
...	23·180	−41·345	− 5	*m*	...
...	23·321	−37·932	− 4	...	...
...	23·371	−46·162	− 4	...	...
...	23·374	−30·310	− 2	...	...
641					
...	+23·425	+10·333	− 5	*m*	...
...	23·474	−38·870	− 4	...	...
...	23·843	+14·388	− 3	...	...
...	23·911	+18·318	− 2	...	...
*	23·987	+14·815	1·40	45.1316	9·4
...	+24·143	−37·333	− 4	...	...
...	24·182	+21·547	− 4	...	...
...	24·286	+14·805	− 3	...	...
...	24·389	− 8·326	− 5	...	...
...	24·673	+33·194	− 3	...	...
651					
...	+24·785	+55·465	0·90	45.1317	10·4
†	24·899	−41·361	0·80	...	...
...	24·936	−51·202	− 5	*m*	...
...	25·578	−13·560	− 3	...	...
...	25·623	−32·713	− 5	...	...
...	+25·858	−54·426	− 4	...	...
...	25·964	−49·535	− 3	...	...
...	25·975	−58·784	− 5	...	...
...	26·099	−41·581	− 2	...	...
...	26·178	+ 4·389	− 5	*m*	...
661-720					
661					
...	+26·201	−58·813	− 4	...	...
...	26·417	+28·289	− 4	...	...
...	26·455	−29·381	− 4	...	...
...	26·692	−27·212	− 4	...	...
‡	26·704	+14·958	0·90	45.1318	10·1
...	+26·760	+42·445	− 1	...	...
...	26·928	−46·525	− 5	*m*	...
...	27·052	+32·120	− 1	...	...
...	27·117	+ 3·236	− 4	...	...
...	27·229	+44·749	− 1	...	...
671					
...	+27·298	−55·911	0·65	46.1315	10·4
...	27·470	+19·571	− 5	...	...
...	27·513	−26·325	− 5	...	...
...	27·625	+14·095	− 5	...	...
...	27·694	−40·056	− 5	*m*	...
...	+28·032	+18·422	− 4	...	...
*	28·058	+22·568	1·30	45.1319	9·6
*	28·077	−45·403	1·40	46.1316	9·4
...	28·098	−20·098	0·65	...	...
...	28·113	−14·630	− 3	...	...
681					
...	+28·316	+33·428	− 5	...	...
...	28·571	− 1·202	− 2	...	...
...	28·693	+55·248	− 1	45.1320	10·4
*	28·858	−32·963	1·60	46.1317	9·3
*	28·879	+11·502	1·80	45.1321	9·1
...	+28·913	−31·026	− 4	...	...
...	29·374	−46·803	0·80	46.1318	10·4
...	29·509	−54·273	− 4	...	...
...	29·576	+28·783	− 4	...	...
...	29·705	−10·923	− 5	...	...
691					
*	+29·952	−28·933	1·10	46.1320	9·8
*	30·075	−15·170	0·95	46.1319	10·0
...	30·139	−11·113	− 2	...	...
*	30·286	+58·664	1·30	44.1380	9·8
...	30·492	−53·031	− 4	...	...
‡	+30·501	− 4·925	1·25	46.1321	9·8
...	30·611	−19·382	− 5	*m*	...
...	30·669	−12·920	− 3	...	...
...	30·743	+18·460	− 5	...	...
*	30·814	−25·374	1·90	46.1322	8·8
701					
*	+31·005	−35·474	1·00	46.1323	10·0
...	31·132	−32·413	− 5	...	...
...	31·153	+37·010	0·75	...	...
...	31·217	+25·319	0·70	...	...
...	31·274	−56·022	− 1	...	...
...	+31·362	− 0·540	− 4	...	...
*	31·639	−45·923	0·95	46.1324	10·1
S *	32·055	+16·755	3·00	45.1323	7·7
...	32·077	+41·218	− 5	*m*	...
*	32·241	+37·340	1·00	45.1322	10·0
711					
*	+32·297	−48·125	0·90	46.1328	10·2
...	32·369	− 2·271	0·65	...	...
*	32·424	−41·523	2·10	46.1327	8·8
*	32·436	−32·279	1·00	46.1325	10·0
...	32·454	− 9·645	− 3	...	...
*	+32·484	+16·756	0·90	...	...
*	32·616	−26·028	2·20	46.1326	8·3
...	32·669	+ 7·730	0·75	45.1325	10·4
...	32·761	+24·620	− 3	...	...
...	32·834	+16·542	− 1	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
721-780					
721				°	
...	+32′864	+46′788	0·70	...	...
...	32·941	+ 4·452	− 5	*m*	...
*	33·032	+38·640	1·15	45.1324	9·6
...	33·033	−28·872	− 5	*m*	...
...	33·059	+42·616	− 5	...	...
...	+33·199	+36·290	− 5	...	...
...	33·213	+12·714	− 5	...	...
...	33·261	+ 6·051	0·65	...	...
...	33·298	+38·740	− 2	...	...
...	33·326	+40·070	− 5	...	...
731					
...	+33·403	+36·029	− 4	...	...
...	33·452	+ 3·648	− 4	...	...
...	33·497	+27·041	− 5	...	...
...	33·547	− 3·625	0·65	...	...
...	33·646	+37·404	− 3	...	...
...	+33·742	+41·829	− 3	...	...
*	33·914	+57·631	1·15	44.1386	9·8
...	33·981	−42·163	− 3	...	...
...	34·139	+52·846	− 3	...	...
*	34·269	+20·927	0·95	45.1326	10·0
741					
*	+34·272	−27·143	1·10	46.1329	9·8
*	34·282	+58·936	1·35	44.1387	9·6
...	34·293	−57·567	0·85	...	...
...	34·306	+19·656	− 4	...	...
...	34·314	+ 4·839	− 3	...	...
...	+34·318	+ 2·677	− 2	...	...
...	34·532	−50·556	− 5	*m*	...
...	34·574	+20·371	− 4	...	...
*	34·581	+13·341	1·90	45.1327	9·1
*	34·617	−22·218	1·25	46.1330	9·6
751					
‡	+34·718	−29·899	1·00	46.1331	9·8
‡	34·749	−34·778	1·50	46.1332	9·2
‡	34·766	−36·016	4·00	46.1333	7·6
...	34·931	+37·987	− 3	...	...
...	35·069	+ 7·085	− 3	...	...
...	+35·456	+55·294	− 5	...	...
*	35·650	+22·066	1·35	45.1328	9·6
...	35·690	−20·193	− 4	...	...
*	35·709	−26·281	0·90	46.1334	10·0
...	35·710	−38·599	− 5	*m*	...
761					
...	+35·733	−22·415	− 3	...	...
...	35·747	+ 3·362	− 5	*m*	...
...	35·859	−34·297	− 5	...	...
...	35·888	− 7·794	− 3	...	...
...	36·003	+38·116	− 5	...	...
‡	+36·009	+59·730	2·20	44.1390	8·8
*	36·051	−37·082	2·00	46.1336	8·8
*	36·067	−12·974	0·85	46.1335	10·2
...	36·154	− 0·205	− 1	...	...
...	36·296	− 8·165	− 5	*m*	...
771					
...	+36·442	+13·909	− 5	*m*	...
...	36·458	− 5·140	− 1	...	...
†	36·602	+54·759	0·70	...	...
...	36·685	+42·373	− 5	...	...
...	36·736	+13·855	− 5	*m*	...
...	+36·771	+10·079	− 2	...	...
*	36·814	+34·766	0·90	45.1329	10·0
*	36·847	−59·232	1·20	46.1338	9·8
*	36·850	−43·746	1·20	46.1337	9·8
...	36·876	−56·931	− 5	*m*	...
781-840					
781				°	
...	+37′000	+15′367	− 5	*m*	...
...	37·025	+ 2·330	− 2	...	...
...	37·107	− 8·152	− 5	*m*	...
...	37·129	−22·216	0·65	...	...
...	37·185	−31·802	− 4	*m*	...
...	+37·191	+50·995	− 1	...	...
...	37·251	− 7·653	− 3	...	...
...	37·279	+34·154	− 1	...	...
...	37·289	+55·318	− 5	...	...
...	37·297	+25·463	− 2	...	...
791					
...	+37·381	−57·064	0·90	46.1341	10·4
...	37·384	−13·643	0·70	...	...
...	37·442	+23·203	− 1	...	...
...	37·678	− 6·723	− 3	...	...
...	37·791	−42·045	− 5	*m*	...
...	+37·858	−53·317	0·90	46.1344	10·4
...	37·900	+52·164	− 5	...	...
...	37·919	−28·165	− 5	*m*	...
*	38·020	−20·563	0·85	46.1339	10·4
*	38·114	− 3·779	1·30		
801				46.1340	8·1
*	+38·230	− 3·777	2·70		
...	38·176	+53·032	− 3	...	...
*	38·187	−31·424	1·10	46.1343	9·8
...	38·196	+12·361	− 5	*m*	...
*	38·298	−20·249	2·50	46.1342	8·1
*	+38·319	−24·620	1·90	46.1345	9·1
...	38·323	− 4·524	0·70	...	...
...	38·735	−19·592	− 3	...	...
...	38·803	−11·465	− 5	...	...
†	38·958	−24·967	0·65	...	...
811					
...	+39·151	+ 8·496	− 3	...	...
S *	39·154	−10·789	2·50	46.1346	8·2
...	39·236	−23·697	− 5	...	...
...	39·239	+33·633	− 4	...	...
...	39·244	+43·476	0·70	...	...
...	+39·313	−25·213	− 5	*m*	...
...	39·378	−17·320	− 5	...	...
...	39·662	− 3·938	− 2	...	...
*	39·674	+39·489	0·90	45.1330	10·2
...	39·685	+24·019	− 5	...	...
821					
...	+40·056	+47·850	− 5	...	...
*	40·071	−14·655	0·90	46.1347	10·1
...	40·080	−15·980	0·70	46.1348	10·4
...	40·152	− 7·761	0·70	...	...
*	40·313	−36·915	0·90	46.1349	10·1
...	+40·392	−15·525	− 4	...	...
...	40·577	−33·506	− 4	...	...
...	40·811	−29·825	− 4	...	...
...	41·006	+25·128	− 3	...	...
*	41·293	−18·911	0·90	46.1350	10·1
831					
...	+41·995	+22·864	− 3	...	...
...	42·147	+ 0·055	− 3	...	...
...	42·321	+ 6·601	0·75	45.1332	10·4
...	42·326	+11·763	− 3	...	...
...	42·441	−44·088	− 5	...	...
...	+42·443	+ 1·379	− 5	*m*	...
†	42·615	+59·805	0·65	44.1399	10·4
...	42·648	+24·186	0·75	45.1331	10·4
...	42·682	−15·909	− 2	...	...
...	42·825	−37·632	− 5	*m*	...
841-900					
841				°	
...	+42′837	−17′510	− 5	*m*	...
...	42·848	−38·708	− 4	...	...
...	43·116	−48·443	− 4	...	...
...	43·454	−16·528	− 3	...	...
...	43·576	+38·512	− 1	...	...
...	+43·704	−22·324	0·65	46.1351	10·4
...	43·792	+10·564	− 4	...	...
...	43·848	+45·914	− 5	...	...
...	43·946	−36·387	− 4	...	...
*	44·066	−31·195	2·80	46.1352	8·0
851					
*	+44·074	−38·404	1·80	46.1353	9·1
*	44·303	+19·347	0·80	45.1333	10·4
...	44·578	+ 4·166	− 4	...	...
‡	44·738	−18·608	1·30	46.1354	9·5
...	45·150	−43·807	− 2	...	...
...	+45·187	−48·460	− 3	...	...
...	45·664	+55·520	− 4	...	...
*	45·748	− 7·073	2·30	46.1355	8·4
...	45·855	+56·172	− 4	...	...
*	45·933	−11·466	1·60	46.1356	9·3
861					
...	+45·950	+52·504	− 4	...	...
*	46·010	−19·258	0·90	46.1357	10·0
...	46·067	+49·626	− 4	...	...
*	46·154	−40·078	0·90	46.1359	10·4
...	46·162	+31·793	− 2	...	...
...	+46·176	−17·942	− 4	...	...
...	46·214	−25·316	− 1	46.1358	10·4
...	46·349	−39·334	− 5	...	...
*	46·362	+ 7·718	1·40	45.1334	9·6
...	46·598	+19·506	− 5	...	...
871					
...	+46·651	−15·828	− 4	...	...
...	46·676	+31·837	− 1	...	...
...	46·705	− 3·542	− 5	*m*	...
...	46·863	− 0·426	− 3	...	...
...	46·930	+ 5·265	− 4	...	...
...	+47·072	+ 5·914	− 5	*m*	...
...	47·174	−33·482	− 5	...	...
*	47·191	+42·675	0·95	45.1335	10·1
...	47·248	+31·027	− 4	...	...
...	47·260	+55·139	0·90	45.1336	10·2
881					
...	+47·380	−25·187	− 4	...	...
S *	47·463	−49·176	3·05	46.1360	7·5
*	47·698	+21·715	1·50	45.1338	9·4
...	48·165	+29·794	0·85	45.1339	10·4
*	48·231	−26·569	1·00	46.1362	10·1
*	+48·241	−54·585	1·30	46.1364	9·8
...	48·277	− 9·214	0·65	46.1361	10·4
...	48·375	−42·429	− 4	*m*	...
...	48·381	+52·468	− 3	45.1337	10·4
...	48·447	+57·058	− 3	...	...
891					
...	+48·452	−28·726	− 3	...	...
*	48·456	−35·721	1·20	46.1363	9·8
*	48·511	+22·608	0·90	45.1340	10·4
...	48·577	+51·442	− 5	...	...
...	48·607	+ 3·564	− 3	...	...
...	+48·826	+10·406	− 4	...	...
*	48·855	+25·901	1·90	45.1341	9·0
...	48·904	−23·484	− 5	...	...
...	49·199	+21·762	− 5	...	...
*	49·292	−47·291	1·10	46.1365	9·8

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
901-930					
901	′	′		°	
...	+49·407	− 9·823	− 4	...	...
...	49·452	+14·148	− 2	...	...
†	49·806	+14·400	− 3	...	...
†	49·842	+28·948	− 4	...	...
...	49·856	+52·889	− 1	...	...
†	+50·013	−15·048	− 5	*m*	...
...	50·094	+20·967	− 4	...	...
...	50·118	+39·692	0·90	45.1342	10·4
...	50·179	+54·452	− 5	...	...
...	50·256	−23·850	0·90	46.1366	10·4
911					
...	+50·408	−22·314	− 5	*m*	...
*	50·909	+25·078	2·00	45.1343	9·0
...	51·039	−50·366	− 5	*m*	...
*	51·086	−40·384	1·25	46.1367	9·8
*	51·270	−54·492	1·90	46.1368	9·5
...	+51·286	−21·904	− 5	*m*	...
...	51·534	+ 5·391	− 4	...	...
*	51·546	+22·656	2·20	45.1346	8·5
...	51·580	− 3·805	− 3	...	...
...	51·582	+42·899	0·70	45.1344	10·4
921					
S *	+51·647	+31·670	1·90	45.1345	9·0
...	51·715	−36·116	− 5	*m*	...
*	51·832	+11·141	1·00	45.1347	10·0
...	52·006	+11·033	− 4	...	...
...	52·429	+27·684	− 4	...	...
...	+52·520	−43·591	− 4	*e*	...
...	52·628	+ 8·827	− 5	...	...
...	52·718	+20·406	− 4	...	...
...	53·075	+27·015	0·70	45.1348	10·4
...	53·187	+ 9·143	0·75	...	...
931-960					
931	′	′		°	
...	+53·212	+13·354	− 5	...	...
...	53·402	+52·397	− 2	...	...
...	53·467	+17·946	− 5	*m*	...
...	53·607	+ 3·477	− 3	...	...
*	53·806	+16·554	1·00	45.1350	10·4
*	+53·842	+40·331	1·25	45.1349	9·8
...	53·959	−53·396	0·75	...	...
...	54·321	+41·312	0·65	...	...
*	54·353	− 5·521	1·80	46.1369	9·0
...	54·366	+46·455	− 4	...	...
941					
...	+54·474	+42·459	0·80	...	...
*	54·934	+11·185	1·25	45.1351	9·8
...	54·973	+58·395	− 5	...	...
...	55·033	− 2·968	− 5	*m*	...
*	55·096	− 1·348	1·80	45.1352	9·3
...	+55·172	+ 5·686	0·80	45.1353	10·4
...	55·237	+ 1·006	− 2	...	...
...	55·343	+ 7·323	− 5	...	...
...	55·480	−20·664	0·85	46.1370	10·4
...	55·487	+41·988	− 1	...	...
951					
...	+55·504	+52·634	− 1	...	...
...	55·543	+ 6·894	0·70	...	...
...	55·649	− 3·017	0·65	...	...
*	55·892	−48·240	1·05	46.1371	10·0
...	55·979	+25·118	− 5	...	...
...	+56·096	−22·868	− 3	...	...
*	56·341	+21·704	1·00	45.1354	10·4
...	56·492	+ 2·979	0·65	...	...
...	56·668	−29·012	− 5	...	...
...	56·716	− 0·774	0·80	...	...
961-983					
961	′	′		°	
...	+56·812	−11·270	− 3	...	...
...	56·885	−22·220	− 2	...	...
*	56·887	−17·798	1·00	46.1372	9·8
...	57·093	− 1·037	− 5	*m*	...
...	57·578	−30·428	0·70	...	...
...	+58·078	+58·052	0·75	44.1425	10·4
...	58·115	+19·205	− 5	...	...
...	58·129	+ 1·902	− 4	...	...
...	58·354	+45·961	0·75	45.1355	10·4
...	58·385	− 1·340	− 1	...	...
971					
...	+58·412	−21·391	− 3	...	...
*	58·486	+11·009	− 5	*m*	...
...	58·640	−10·660	0·65	...	...
*	58·745	−38·842	2·50	46.1373	8·6
...	58·837	+43·392	− 5	...	...
...	+58·910	+33·978	− 1	...	...
...	58·926	+38·968	− 5	...	...
...	58·934	+ 7·388	− 5	...	...
...	59·041	+39·679	− 5	...	...
...	59·159	+14·166	− 5	...	...
981					
...	+59·308	+41·786	0·75	45.1356	10·4
†	59·491	−29·942	0·90	46.1374	10·4
...	59·554	+30·260	0·65	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
1-20					
1	′	′		°	
...	−59·922	+52·286	− 4	...	...
...	59·827	−22·561	− 1	46.1351	10·4
...	59·790	+ 3·935	− 4	...	...
...	59·585	−48·689	− 5	...	...
*	59·160	−31·421	3·00	46.1352	8·0
...	−59·079	+31·594	− 3	...	...
*	58·943	−38·631	2·00	46.1353	9·1
*	58·902	−18·813	1·50	46.1354	9·5
...	58·713	+54·964	− 1	45.1336	10·2
...	58·552	+31·650	− 2	...	...
11					
...	−58·377	+42·496	1·00	45.1335	10·1
*	58·247	− 7·266	2·40	46.1355	8·4
*	58·113	+ 7·540	1·40	45.1334	9·6
...	57·958	+30·858	− 5	...	...
*	57·923	−11·650	1·60	46.1356	9·3
...	−57·709	−44·006	− 3	...	...
*	57·591	−19·427	1·00	46.1357	10·0
...	57·580	+56·923	− 4	...	...
...	57·531	−48·653	− 5	...	...
...	57·493	+52·329	− 3	45.1337	10·4
21-40					
21	′	′		°	
...	−57·488	−18·116	− 5	...	...
...	57·355	− 0·603	− 2	...	...
*	57·215	+21·579	1·60	45.1338	9·4
...	57·213	−25·489	0·65	46.1358	10·4
...	57·092	−15·989	− 5	...	...
...	−57·000	+29·672	0·75	45.1339	10·4
...	56·805	−40·255	0·85	46.1359	10·4
*	56·436	+22·490	0·90	45.1340	10·4
*	56·182	+25·795	1·80	45.1341	9·0
...	56·077	−25·324	− 4	...	...
31					
...	−56·047	+52·798	− 3	...	...
...	55·750	+ 3·460	− 3	...	...
...	55·733	+10·300	− 4	...	...
...	55·667	− 9·334	0·65	46.1361	10·4
...	55·363	+39·614	0·90	45.1342	10·4
...	−55·297	+28·853	− 4	...	...
...	55·222	+14·062	− 2	...	...
S ‡	55·201	−49·307	3·30	46.1360	7·5
...	55·176	−26·674	0·90	46.1362	10·1
...	54·899	+14·322	− 3	...	...
41-60					
41	′	′		°	
...	−54·878	−28·815	− 3	...	...
...	54·794	+20·898	− 4	...	...
*	54·650	−35·797	1·20	46.1363	9·8
...	54·514	− 9·900	− 5	...	...
*	54·276	−54·672	1·50	46.1364	9·8
*	−54·103	+25·031	2·00	45.1343	9·0
...	53·987	+42·871	− 2	45.1344	10·4
S *	53·570	+31·650	1·80	45.1345	9·0
*	53·461	−47·348	1·30	46.1365	9·8
*	53·382	+22·632	2·00	45.1346	8·5
51					
...	−53·221	−23·894	0·70	46.1366	10·4
...	52·869	+ 5·379	− 4	...	...
*	52·743	+11·127	1·00	45.1347	10·0
...	52·683	+27·688	− 4	...	...
...	52·529	− 3·817	− 3	...	...
...	−52·482	+52·423	− 3	...	...
...	52·163	+20·424	− 4	...	...
...	52·010	+27·034	− 2	45.1348	10·4
*	51·881	−40·392	1·30	46.1367	9·8
*	51·663	+40·366	1·10	45.1349	9·8

MC measured from 1, 147, 296, 472, 627, 772.
ES ,, ,, 70, 206, 375, 550, 695, 853.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
61–120					
61	′	′	°		
…	−51·336	+ 9·176	− 1	…	…
*	51·264	−54·496	1·80	46.1368	9·5
…	51·208	+41·365	− 3	…	…
…	51·094	+42·513	− 1	…	…
*	50·944	+16·594	0·90	45.1350	10·4
…	−50·739	+ 3·527	− 4	…	…
…	50·373	+52·708	− 3	…	…
…	50·341	−43·545	− 5	E	…
†	50·078	+42·080	− 4	…	…
*	49·695	− 5·440	1·80	46.1369	9·0
71					
*	−49·649	+11·267	1·15	45.1351	9·8
…	49·239	+ 5·783	0·75	45.1353	10·4
…	49·115	+ 7·427	− 5	…	…
*	49·092	− 1·252	1·70	45.1352	9·3
…	49·055	+25·244	− 5	…	…
…	−49·023	+ 1·109	− 1	…	…
…	48·904	+ 6·996	0·65	…	…
…	48·603	−53·305	0·65	…	…
*	48·574	+21·835	1·00	45.1354	10·4
…	48·489	− 2·906	0·65	…	…
81					
…	−48·105	−20·545	0·85	46.1370	10·4
…	47·994	+58·220	0·65	44.1425	10·4
…	47·839	+ 3·123	0·65	…	…
…	47·486	− 0·633	0·75	…	…
…	47·412	−22·728	− 2	…	…
…	−47·319	+46·147	0·80	45.1355	10·4
…	47·063	−11·110	− 5	…	…
*	46·815	−48·096	1·00	46.1371	10·0
*	46·768	−17·639	1·00	46.1372	9·8
…	46·738	+43·588	− 4	…	…
91					
…	−46·716	+19·384	− 5	…	…
…	46·664	−28·821	− 5	…	…
…	46·645	−22·055	− 1	…	…
…	46·528	+39·161	− 5	…	…
†	46·454	+39·875	− 4	…	…
…	−46·387	+34·185	− 3	…	…
…	46·239	+41·998	0·80	45.1356	10·4
…	46·170	+ 2·093	− 3	…	…
…	45·809	− 1·146	− 2	…	…
…	45·728	+50·630	0·85	45.1357	10·4
101					
…	−45·692	−30·230	0·75	…	…
…	45·620	+30·486	− 1	…	…
…	45·536	+ 7·606	− 5	…	…
…	45·518	+14·388	− 5	…	…
…	45·253	−10·437	− 1	…	…
…	−45·146	−21·177	− 3	…	…
…	44·954	+18·821	0·80	45.1358	10·2
…	44·659	+32·193	− 5	…	…
…	44·448	+ 3·384	0·70	…	…
…	44·431	+38·713	− 3	…	…
111					
†	−44·335	+29·922	− 3	…	…
*	44·252	−38·603	2·20	46.1373	8·6
…	44·210	−31·943	− 5	M	…
…	44·203	+10·757	0·85	45.1359	10·4
…	43·980	+43·101	− 1	…	…
…	−43·811	−29·682	0·85	46.1374	10·4
…	43·791	+50·556	0·65	45.1360	10·4
…	43·529	+52·443	0·95	45.1361	10·1
…	43·117	+ 0·240	0·70	…	…
…	43·114	+18·043	0·70	45.1362	10·4
121–180					
121	′	′	°		
…	−43·095	+ 6·399	− 4	…	…
*	42·835	+21·990	0·95	45.1363	10·0
…	42·771	+48·783	− 3	…	…
*	42·667	+52·785	3·30	45.1365	7·6
…	42·647	+24·314	− 5	…	…
…	−42·420	+23·024	0·75	45.1364	10·4
…	42·264	+16·036	0·65	…	…
…	42·142	+37·291	− 5	…	…
…	42·005	+19·126	− 3	…	…
*	41·974	−18·019	2·50	46.1375	8·6
131					
…	−41·947	+38·794	0·75	45.1367	10·4
…	41·940	+24·710	− 4	…	…
S *	41·912	+ 7·448	2·00	45.1366	8·5
…	41·825	−36·183	− 5	…	…
…	41·748	−59·162	0·75	46.1376	10·4
…	−41·615	+42·969	− 5	…	…
…	41·529	−30·046	− 1	…	…
…	41·331	+ 1·171	− 4	…	…
…	41·194	−38·576	− 1	…	…
…	40·746	+ 1·712	0·90	45.1368	10·4
141					
…	−40·522	− 5·106	− 4	…	…
*	40·512	−52·971	1·90	46.1377	9·2
…	40·354	−45·038	− 5	M	…
‡	40·129	+49·597	1·05	45.1369	9·8
†	40·119	+59·204	0·85	44.1440	10·0
†	−40·107	+59·030	0·75		
*	39·994	+36·843	1·00	45.1370	10·0
…	39·870	+ 2·829	− 5	…	…
…	39·854	−28·211	0·80	46.1378	10·4
*	39·823	+20·532	1·20	45.1371	9·8
151					
…	−39·742	+54·526	− 2	45.1372	10·4
*	39·496	−52·552	2·00	46.1379	9·0
*	39·326	−42·510	0·90	46.1380	10·4
…	39·160	−41·666	− 4	…	…
…	39·043	−28·796	0·70	46.1381	10·4
…	−38·893	−22·441	− 3	…	…
…	38·544	−48·488	− 1	…	…
…	38·421	−45·871	− 1	…	…
*	37·718	− 3·165	3·00	46.1383	7·9
…	36·992	−58·224	0·90	46.1385	10·2
161					
…	−36·749	−47·925	− 5	M	…
…	36·491	+52·258	0·75	45.1374	10·4
…	36·467	+41·277	0·75	45.1373	10·4
…	36·404	− 6·477	− 5	M	…
…	36·324	+47·029	− 1	…	…
…	−36·190	+28·268	− 3	…	…
…	36·129	+ 8·603	− 3	…	…
…	35·912	+ 6·470	− 3	…	…
…	35·431	− 5·757	− 3	…	…
…	35·239	+17·463	− 4	…	…
171					
…	−34·876	−12·993	− 5	…	…
…	34·605	+28·277	− 5	…	…
…	34·567	+ 3·139	− 4	…	…
…	34·558	−29·188	− 4	…	…
…	34·433	+30·594	− 5	…	…
…	−34·057	+11·981	− 5	…	…
*	34·036	+50·674	1·30	45.1375	9·6
…	33·998	+ 3·324	− 4	…	…
…	33·922	−31·115	− 4	…	…
…	33·570	−44·695	− 5	…	…
181–240					
181	′	′	°		
…	−33·557	+ 8·092	0·85	45.1377	10·4
…	33·520	+53·244	− 5	…	…
…	33·519	−24·820	− 4	…	…
*	33·485	+ 2·494	0·90	45.1376	10·0
*	32·822	+32·592	2·00	45.1378	8·6
…	−32·603	− 3·957	− 3	…	…
*	32·541	+49·947	1·80	45.1379	9·0
…	32·438	+18·282	− 2	…	…
…	32·413	−53·024	− 1	46.1387	10·4
*	32·257	− 5·885	0·95	46.1389	10·0
191					
*	−32·195	−49·118	0·95	46.1388	10·1
…	32·120	+19·273	− 3	…	…
…	32·098	+20·632	− 4	…	…
…	31·993	−39·495	− 5	M	…
*	31·977	−31·898	1·00	46.1390	9·8
*	−31·917	+ 2·525	0·90	45.1380	10·0
…	31·750	− 4·922	− 4	…	…
…	31·706	−56·144	− 2	…	…
…	31·482	−16·378	0·75	46.1391	10·4
…	31·258	−12·062	− 5	M	…
201					
…	−31·059	−41·434	− 5	M	…
…	30·991	+30·988	− 4	…	…
…	30·672	− 0·139	− 1	45.1381	10·4
…	30·521	−19·367	0·85	46.1392	10·2
*	30·284	−22·035	1·80	46.1393	9·2
…	−29·982	+33·492	− 4	…	…
…	29·957	−21·521	− 3	…	…
…	29·815	+ 4·031	− 1	…	…
†	29·684	+34·848	− 5	…	…
…	29·556	+ 4·508	− 1	…	…
211					
…	−29·479	−27·669	− 3	…	…
…	29·353	−39·343	− 4	M	…
…	29·330	− 0·158	0·80	45.1382	10·4
…	29·311	− 4·178	− 4	…	…
*	29·245	−52·587	1·10	46.1394	10·0
…	−29·071	−50·685	0·70	…	…
‡	29·037	+54·738	1·40	45.1383	9·4
†	28·888	−54·845	0·65	…	…
…	28·865	−48·858	− 2	…	…
…	28·663	+12·508	0·80	45.1384	10·4
221					
…	−28·352	−50·320	0·65	…	…
…	28·251	+17·831	− 5	…	…
…	28·214	−35·052	− 4	…	…
…	28·202	+18·948	0·65	…	…
…	28·147	+11·786	0·70	…	…
…	−28·116	−57·788	− 2	…	…
…	27·877	− 8·696	− 4	…	…
…	27·853	+33·995	− 4	…	…
…	27·852	+39·155	− 5	M	…
…	27·849	+16·713	− 5	M	…
231					
…	−27·837	+14·352	− 3	…	…
…	27·806	−56·209	− 1	…	…
…	27·772	−15·730	− 4	…	…
…	27·696	− 0·492	0·65	…	…
…	27·621	+ 4·721	0·65	45.1385	10·4
…	−27·377	−50·399	0·70	…	…
…	27·064	−54·795	− 5	M	…
…	27·063	+57·093	− 5	…	…
*	27·061	−48·887	1·20	46.1395	9·8
†	26·986	+54·820	− 4	…	…

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
241-300					
241					
...	−26·961	+33·488	− 5	...	...
...	26·902	−22·245	− 5	M	...
...	26·874	−25·828	− 4	M	...
*	26·862	+ 6·051	1·15	45.1386	9·8
...	26·757	−15·599	− 4	...	...
*	−26·609	+26·090	1·20	45.1387	9·5
*	26·564	−11·108	0·95	46.1396	10·0
...	26·553	+28·508	0·85	45.1388	10·4
...	26·446	+59·125	− 5	...	...
...	26·008	+40·092	0·80	45.1390	10·4
251					
*	−25·992	+18·310	0·95	45.1389	10·0
*	25·985	+57·789	2·40	44.1462	8·4
...	25·892	+47·538	− 5	...	...
...	25·881	+15·518	− 5	...	...
...	25·648	− 4·115	0·80	46.1397	10·4
...	−25·306	− 8·222	− 3	...	...
...	25·283	+14·712	− 3	...	...
†	25·068	− 1·945	− 4	...	...
†	25·060	+18·700	0·70	...	...
...	24·979	+28·641	− 5	...	...
261					
*	−24·758	− 5·603	1·70	46.1398	9·2
...	24·750	−37·047	− 4	...	...
*	24·671	+17·668	1·00	45.1391	10·0
...	24·513	− 7·437	− 3	...	...
...	24·513	−14·460	0·75	46.1399	10·4
...	−24·447	+16·527	− 5	...	...
...	24·394	− 4·343	− 1	...	...
...	24·198	+12·599	− 4	...	...
...	24·115	+11·521	− 4	...	...
*	23·934	+42·559	1·80	45.1392	8·9
271					
*	−23·875	−31·282	0·90	46.1400	10·2
*	23·821	+10·906	1·70	45.1393	9·3
...	23·789	−46·214	− 4	...	...
...	23·339	+ 6·836	− 4	...	...
...	23·256	+17·058	0·65	...	...
...	−23·105	+28·847	− 4	...	...
...	22·865	− 7·594	− 4	...	...
...	22·784	−47·073	− 5	M	...
...	22·632	−10·986	− 3	...	...
...	22·623	−37·529	− 5	M	...
281					
...	−22·521	−32·255	− 3	...	...
...	22·499	+57·600	− 3	...	...
*	22·336	+58·382	1·80	44.1463	9·2
*	22·111	−18·698	0·90	46.1402	10·2
...	22·103	+19·753	− 5	...	...
*	−21·728	−20·985	0·85	46.1403	10·2
...	21·581	−42·326	− 4	M	...
...	21·427	+ 8·324	− 2	...	...
*	21·298	−53·987	1·80	46.1404	9·0
...	21·262	+ 1·562	− 5	M	...
291					
... [	−21·224	+34·740	0·75	45.1394	9·8
* [	21·224	+34·701	0·90		
...	20·987	+ 5·831	− 3	...	...
...	20·951	−15·404	0·65	...	...
*	20·809	+48·113	1·10	45.1395	9·8
...	−19·958	+11·951	− 3	...	...
...	19·907	+39·665	− 5	...	...
...	19·796	−50·208	− 3	...	...
...	19·748	+58·008	− 4	...	...
...	19·628	+38·534	− 5	...	...
301-360					
301					
*	−19·560	−31·488	1·10	46.1405	9·8
...	19·306	+38·768	− 4	...	...
...	19·059	−12·874	− 3	...	...
...	18·702	+ 3·595	0·70	...	...
...	18·516	−26·940	− 2	...	...
...	−17·829	−10·976	− 3	...	...
...	17·618	+ 2·544	− 1	...	...
...	17·606	−48·575	0·85	46.1406	10·4
‡	17·281	−24·960	1·30	46.1407	9·8
...	17·096	+38·091	− 4	...	...
311					
S *	−17·025	+41·145	2·75	45.1396	8·2
...	16·837	+ 5·332	0·85	45.1398	10·4
...	16·780	+49·368	0·75	45.1397	10·4
...	16·683	+ 5·857	− 5	...	...
...	16·602	+11·201	0·75	45.1399	10·4
...	−16·405	−27·356	− 3	...	...
...	16·329	+50·182	0·75	45.1400	10·4
...	16·317	+58·603	− 3	...	...
...	16·303	+48·712	− 5	...	...
...	16·224	−23·468	− 4	...	...
321					
...	−16·035	+26·778	− 1	...	...
...	16·027	+13·617	− 3	...	...
*	15·952	+37·297	1·00	45.1401	9·6
...	15·918	−55·183	− 3	...	...
*	15·720	+31·559	1·00	45.1402	10·0
...	−15·679	−26·518	− 2	...	...
...	15·454	+56·373	− 1	45.1403	10·4
...	15·432	+12·522	− 3	...	...
...	15·378	− 4·626	− 5	M	...
...	15·356	+26·565	− 3	...	...
331					
...	−14·922	−22·051	− 5	M	...
...	14·816	+43·589	− 5	...	...
*	14·499	+56·492	1·50	45.1404	9·3
...	14·332	+39·159	− 1	...	...
*	14·194	+35·708	1·40	45.1405	9·6
...	−14·055	+30·347	− 3	...	...
...	14·036	−57·965	− 3	...	...
...	13·931	+56·803	− 5	...	...
...	13·869	+37·804	− 4	...	...
...	13·850	+13·025	− 3	...	...
341					
S *	−13·817	−11·595	1·95	46.1408	9·2
...	13·757	+50·381	− 4	...	...
...	13·605	−30·789	− 4	...	...
...	13·535	+42·181	− 3	...	...
...	13·377	+20·293	0·65	45.1406	10·4
...	−13·162	+49·432	− 4	...	...
...	12·934	+49·578	− 4	...	...
...	12·853	+29·136	− 5	...	...
*	12·802	+30·498	1·00	45.1407	9·8
...	12·762	−40·537	− 5	...	...
351					
...	−12·575	−53·250	− 4	...	...
...	12·356	− 6·439	0·70	...	...
...	12·329	+48·156	− 5	...	...
...	12·256	+16·604	0·90	45.1409	9·8
...	12·230	+34·960	− 2	45.1408	10·4
...	−12·128	−35·155	− 4	...	...
...	12·108	−35·607	− 2	...	...
...	11·955	+42·705	− 4	...	...
...	11·898	−59·089	− 4	...	...
...	11·828	−24·684	0·75	46.1409	10·4
361-420					
361					
...	−11·456	+52·085	− 3	...	...
...	11·449	+28·474	− 3	...	...
*	11·317	−58·989	1·30	46.1410	9·4
...	11·229	+53·524	− 1	...	...
...	11·209	−58·719	− 2	...	...
...	−11·157	−39·665	0·80	46.1411	10·4
...	11·006	+44·402	− 3	...	...
*	10·879	−53·143	1·40	46.1412	9·6
...	10·854	−25·236	− 4	...	...
...	10·837	−16·648	− 1	...	...
371					
*	−10·805	+12·528	0·90	45.1410	10·2
...	10·800	− 5·125	0·70	46.1413	10·4
...	10·775	−11·188	− 5	M	...
...	10·428	+17·959	− 1	45.1411	10·4
†	10·139	−26·220	0·65	...	...
...	−10·007	+13·407	− 1	...	...
...	9·923	+10·133	0·80	45.1412	10·4
...	9·902	+49·946	− 5	...	...
...	9·891	−45·115	− 1	...	...
...	9·880	−34·332	0·75	...	...
381					
*	− 9·611	−29·828	1·00	46.1414	10·0
...	9·447	+26·014	0·80	45.1413	10·4
S *	9·351	+17·909	1·80	45.1414	8·8
...	9·212	+19·600	0·65	...	...
...	9·194	−27·227	− 5	...	...
*	− 9·143	+16·690	1·00	45.1415	9·8
...	9·080	+22·818	0·80	...	...
...	9·073	+10·037	− 3	...	...
...	9·058	− 2·909	− 4	M	...
*	8·986	−26·568	0·95	46.1415	10·0
391					
...	− 8·868	−45·305	− 4	...	...
...	8·627	+ 8·113	− 3	...	...
S *	8·617	−50·315	2·20	46.1416	8·6
...	8·589	−49·805	0·65	*m*	...
...	8·557	+ 2·221	− 5	M	...
...	− 8·419	+52·010	− 5	...	...
...	8·361	+30·141	− 3	...	...
*	8·324	+55·685	0·95	45.1416	9·8
*	8·248	+50·170	0·90	45.1417	10·0
*	8·206	+35·696	1·50	45.1418	9·4
401					
...	− 8·193	−16·951	0·85	46.1417	10·4
...	8·165	+21·124	0·65	...	...
...	8·056	− 4·031	− 5	M	...
...	7·976	−52·760	− 3	...	...
...	7·956	−46·560	0·65	...	...
...	− 7·814	+18·149	− 4	...	...
...	7·801	− 2·721	0·75	46.1418	10·4
...	7·692	−15·387	0·85	46.1419	10·4
...	7·685	−54·722	− 4	...	...
...	7·441	+50·443	− 3	...	...
411					
...	− 7·127	+39·520	− 5	...	...
...	6·934	−54·986	− 1	...	...
...	6·902	+21·146	− 5	*m*	...
...	6·767	+36·900	− 4	...	...
...	6·584	−52·436	− 4	...	...
...	− 6·507	+21·712	− 5	*m*	...
...	6·338	+28·327	0·80	45.1419	10·4
...	6·198	− 0·961	0·65	45.1421	10·4
*	6·099	+44·940	1·20	45.1420	9·8
...	6·087	+20·087	− 5	M *m*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
421-480					
421					
...	− 6·018	+20·171	0·70	45.1422	10·4
...	5·960	+16·160	0·65	...	...
...	5·923	−47·353	− 5	*m*	...
...	5·862	−34·248	0·80	46.1420	10·4
...	5·760	+36·950	− 5	...	...
...	− 5·732	+28·366	− 3	...	...
*	5·701	+ 5·689	1·30	45.1423	9·6
...	5·673	−29·009	− 5	*m*	...
*	5·561	−48·091	0·95	46.1421	10·1
...	5·507	−24·024	− 5	*m*	...
431					
...	− 5·382	− 0·543	− 2	*m*	...
†	5·192	+ 4·515	− 4	M *m*	...
†	5·162	− 0·763	− 5	M *m*	...
...	5·104	+29·432	0·80	45.1424	10·4
...	5·092	+45·344	− 2	...	...
...	− 4·975	+41·608	0·75	...	...
...	4·928	+23·399	− 5	...	...
...	4·861	−42·022	− 5	*m*	...
...	4·298	+46·716	− 1	...	...
...	4·256	+24·524	0·80	45.1425	10·4
441					
*	− 4·241	−19·026	1·50	46.1422	9·4
...	3·887	+54·351	− 3	...	...
...	3·763	+48·541	− 4	...	...
...	3·758	−48·654	− 5	*m*	...
...	3·723	+49·524	− 5	M	...
...	− 3·624	+43·167	− 3	...	...
...	3·495	+ 4·477	− 2	...	...
...	3·331	− 6·791	− 5	M *m*	...
...	3·248	+10·406	− 5	M *m*	...
*	3·066	−19·141	1·30	46.1423	9·6
451					
...	− 2·991	− 7·196	− 5	M *m*	...
*	2·860	−54·333	1·10	46.1424	9·8
*	2·802	+34·677	0·95	45.1426	10·1
...	2·773	−52·273	− 5	M *m*	...
*	2·724	+55·274	1·20	45.1427	9·8
†	− 2·455	+ 0·028	− 5	M *m*	...
...	2·415	−36·891	0·70	...	...
...	2·279	−56·186	− 5	*m*	...
...	2·207	−19·216	− 3	...	...
*	2·200	−54·424	0·95	46.1425	10·0
461					
...	− 1·775	+39·269	0·70	...	...
...	1·706	+19·711	− 5	...	...
*	1·625	−48·838	0·95	46.1426	10·0
...	1·491	+56·941	0·80	45.1428	10·2
...	1·470	−13·936	− 5	M *m*	...
...	−1·364	+ 4·511	− 2	...	...
†	1·287	+44·878	− 5	...	...
*	1·284	−51·627	0·95	46.1427	10·1
...	0·916	+ 2·499	0·80	45.1429	10·4
...	0·627	+16·604	0·85	45.1430	10·4
471					
...	− 0·485	−42·359	0·75	46.1428	10·4
†	0·126	−31·117	− 4	*m*	...
*	− 0·042	−50·053	0·95	46.1429	10·1
...	+ 0·157	−20·525	− 5	*m*	...
...	0·172	+ 0·581	− 4	B *m*	...
*	+ 0·324	+56·304	1·00	45.1431	9·8
...	0·387	+ 4·830	− 2	...	...
...	0·441	−13·194	− 4	*m*	...
...	0·469	−50·321	− 4	...	...
*	0·527	+15·149	1·00	45.1432	9·8
481-540					
481					
*	+ 0·579	−11·410	1·10	46.1430	10·0
*	0·613	−22·180	1·60	46.1431	9·4
*	0·850	−56·023	1·40	46.1432	9·6
...	0·981	+24·517	− 4	...	...
...	1·224	− 2·521	0·75	45.1433	10·4
...	+ 1·256	+45·483	− 2	...	...
...	1·296	+42·061	− 4	...	...
...	1·729	−30·737	− 4	...	...
...	2·045	− 1·113	− 4	M *m*	...
...	2·262	−31·109	− 3	...	...
491					
...	+ 2·303	+34·376	− 3	...	...
...	2·595	−15·925	− 3	...	...
...	2·852	+17·644	− 4	...	...
...	3·257	+50·743	− 1	45.1435	10·4
*	3·258	+25·079	1·00	45.1434	10·0
...	+ 3·303	+44·621	− 2	...	...
...	3·320	−51·273	− 5	...	...
...	3·481	+ 6·541	− 3	...	...
...	3·565	+17·226	0·95	45.1436	10·0
...	3·589	+ 8·451	− 4	M	...
501					
†	+ 3·591	− 4·991	− 5	M *m*	...
...	3·760	+20·506	− 4	...	...
*	3·887	−35·097	1·00	46.1433	9·8
...	4·079	− 7·503	− 4	...	...
*	4·095	− 4·017	1·50	46.1434	9·5
...	+ 4·269	+46·433	− 4	...	...
*	4·313	−20·118	1·80	46.1435	9·2
*	4·384	+46·604	0·85	45.1437	10·1
‡	4·756	+28·495	0·95	45.1438	10·0
...	5·243	+54·326	− 2	...	...
511					
...	+ 5·299	−27·423	− 5	*m*	...
*	5·385	+33·014	0·90	45.1439	10·4
...	5·448	+14·099	− 5	...	...
...	5·478	+48·963	− 4	...	...
*	5·668	+ 3·127	1·00	45.1440	9·8
...	+ 5·842	+41·906	− 4	...	...
...	5·868	− 6·626	− 2	...	...
...	5·992	−29·389	− 2	...	...
...	6·083	+58·604	− 3	...	...
...	6·161	−17·573	− 4	...	...
521					
...	+ 6·221	+39·970	− 5	M	...
...	6·237	+47·203	− 3	...	...
...	6·329	−42·505	− 4	*m*	...
...	6·734	−10·302	0·70	46.1436	10·4
...	6·789	+34·300	− 1	...	...
...	+ 6·803	+31·234	− 5	M	...
...	6·891	− 8·077	0·85	46.1437	10·4
...	6·935	+15·418	− 5	M *m*	...
...	7·001	−40·890	− 5	*m*	...
...	7·151	−28·828	− 5	...	...
531					
...	+ 7·251	−43·265	− 3	...	...
...	7·598	−26·713	− 1	...	...
...	7·714	+41·657	0·75	45.1441	10·4
...	7·759	+22·709	0·75	45.1442	10·4
...	7·867	+48·526	− 4	...	...
...	+ 8·148	−47·703	− 3	...	...
...	8·232	+14·340	− 5	*m*	...
...	8·412	+14·274	− 4	...	...
*	8·510	−29·832	0·90	46.1438	9·8
*	8·665	−28·195	1·60	46.1439	9·4
541-600					
541					
...	+ 8·669	+ 8·089	− 3	...	...
...	8·718	+ 9·125	− 4	...	...
...	8·790	+11·561	− 1	45.1444	10·4
...	8·830	+46·565	0·85	45.1443	10·4
*	8·836	−16·363	1·30	46.1440	9·6
...	+ 8·900	+49·477	− 4	...	...
...	8·918	−38·885	− 5	*m*	...
...	9·367	−52·461	0·75	46.1441	10·4
...	9·444	+ 7·061	− 4	...	...
...	9·972	+54·701	− 1	...	...
551					
*	+10·371	+57·621	1·15	44.1511	9·8
...	10·429	−17·459	− 2	...	...
...	10·531	+18·013	− 4	...	...
...	10·592	+48·489	− 2	...	...
...	10·799	+ 7·594	− 1	...	...
*	+11·021	+55·740	2·10	45.1445	8·8
...	11·071	−19·915	− 4	*m*	...
...	11·089	−21·529	0·80	46.1442	10·4
...	11·171	−33·362	− 4	*m*	...
*	11·333	−31·323	0·95	46.1443	10·2
561					
...	+11·585	− 1·352	− 5	*m*	...
...	11·639	−24·145	− 5	*m*	...
...	11·657	−46·171	− 5	...	...
S*	11·759	−23·860	2·05	46.1444	8·9
...	11·849	−38·848	− 4	...	...
...	+11·868	+28·062	− 3	...	...
...	11·936	−19·595	0·80	46.1445	10·4
...	12·042	+19·442	− 3	...	...
...	12·081	−37·246	− 5	*m*	...
*	12·215	−23·340	2·00	46.1446	9·0
571					
*	+12·396	−37·016	0·95	46.1447	9·8
*	12·445	−41·276	1·05	46.1448	9·8
...	12·797	+ 0·655	− 4	...	...
...	13·053	−49·106	− 5	...	...
...	13·252	+28·143	− 3	...	...
...	+13·317	−27·934	− 2	...	...
...	13·333	+53·886	0·95	45.1446	10·0
...	13·374	−26·595	− 2	46.1449	10·4
...	13·437	−57·346	− 5	*m*	...
...	13·556	+10·084	0·75	...	...
581					
...	+13·858	+38·570	− 2	...	...
†	14·731	+38·699	− 2	...	...
...	14·850	+26·916	− 4	...	...
...	14·869	−48·794	− 4	...	...
...	14·956	−13·531	− 5	*m*	...
...	+15·053	−49·627	− 4	...	...
...	15·109	+56·011	− 4	...	...
...	15·113	−29·036	0·65	46.1450	10·4
*	15·252	+29·329	0·90	45.1447	10·0
...	15·268	−53·946	0·80	46.1451	10·4
591					
†	+15·330	+14·865	0·70	45.1448	10·4
...	15·398	−16·553	− 3	...	...
...	15·418	−30·897	− 5	*m*	...
...	15·553	−33·834	0·85	46.1452	10·4
...	15·841	−53·670	0·75	46.1453	10·4
...	+15·894	−24·106	0·65	...	...
...	15·997	−18·482	− 5	...	...
...	16·056	−31·987	0·75	46.1454	10·4
...	16·375	+51·232	− 5	...	...
...	16·670	+18·134	− 3	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
601-660					
601					
...	+16′752	−56′935	− 5	° ...	...
...	16·810	−31·113	− 3	...	...
...	16·822	+24·609	− 2	...	...
*	16·871	−44·728	1·20	46.1455	9·8
*	16·962	+58·404	1·90	44.1521	9·1
...	+17·045	+35·875	0·80	45.1449	10·2
...	17·248	−12·689	− 3	...	...
...	17·296	+28·976	− 3	...	...
*	17·393	+40·626	1·05	45.1450	9·8
...	17·487	+22·197	0·65	...	...
611					
...	+17·527	+52·493	− 2	...	...
...	17·580	−42·250	− 5	...	...
...	17·746	+48·249	− 4	...	...
...	17·767	+19·014	− 5	...	...
...	17·851	+36·334	0·65	45.1451	10·4
*	+17·854	− 7·897	1·20	46.1456	9·8
...	17·889	−46·145	− 3	...	...
...	17·891	−54·031	− 5	*m*	...
...	18·027	+56·082	− 4	...	...
...	18·368	+48·421	− 1	...	...
621					
...	+18·752	+40·973	0·75	45.1452	10·4
*	18·805	+38·001	0·90	45.1453	10·0
...	18·815	+18·867	− 4	...	...
...	19·089	+ 9·749	− 5	*m*	...
...	19·284	−28·969	− 5	*m*	...
...	+19·571	−52·042	− 5	*m*	...
*	20·621	−34·588	0·90	46.1459	10·1
*	20·644	− 5·501	0·90	46.1458	10·0
*	20·721	+45·630	0·90	45.1454	9·8
*	20·994	+34·203	1·10	45.1455	9·8
631					
...	+21·093	+12·910	− 5	...	...
*	21·140	−26·006	0·90	46.1460	10·4
‡	21·172	−54·840	2·20	46.1461	8·6
...	21·311	+52·921	0·65	45.1456	10·4
*	21·339	+30·114	1·50	45.1457	9·4
...	+21·573	+30·323	− 3	...	...
...	21·592	+45·823	− 4	...	...
...	21·870	−21·865	0·70	46.1462	10·4
...	21·973	− 5·203	− 4	*m*	...
...	22·112	+12·472	− 4	...	...
641					
*	+22·256	−54·613	0·90	46.1463	10·2
...	22·398	+55·107	− 4	...	...
...	22·641	+ 1·211	− 5	*m*	...
...	22·682	+52·097	− 5	...	...
...	22·690	+59·501	− 1	44.1531	10·4
...	+22·734	−55·022	0·85	46.1465	10·4
...	22·758	−58·525	− 5	...	...
*	22·927	−23·205	1·10	46.1464	9·8
...	22·967	+23·194	− 4	...	...
...	23·137	+ 3·889	− 3	*b*	...
651					
...	+23·219	+ 6·118	− 2	...	...
*	23·280	+50·969	1·60	45.1458	9·2
...	23·402	−55·043	− 5	*m*	...
...	23·526	+26·520	− 5	...	...
...	23·555	− 0·146	− 4	*m*	...
...	+23·670	+46·291	− 3	...	...
*	23·842	+41·788	1·50	45.1459	9·3
...	23·870	+46·149	− 4	...	...
N	23·982	− 2·967	− 1	46.1466	8·4
N*	24·091	− 3·034	2·40		

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
661-720					
661					
...	+24′239	−33′082	− 4	° *m*	...
...	24·247	+17·793	− 5	...	...
...	24·513	+36·363	− 4	...	...
‡	24·854	+30·215	1·80	45.1460	9·0
...	24·905	+ 8·886	− 4	...	...
...	+25·485	−16·761	0·65	...	...
...	25·517	+37·201	− 5	...	...
*	25·608	+46·461	1·40	45.1461	9·4
*	26·233	+19·993	1·50	45.1462	9·5
...	26·509	+17·664	− 5	...	...
671					
...	+27·009	+37·733	− 4	...	...
†	27·021	+24·847	0·75	45.1463	10·4
...	27·163	−47·934	− 4	...	...
...	27·190	+56·511	− 5	...	...
...	27·493	−33·441	− 4	*m*	...
...	+27·655	−36·453	0·90	46.1467	10·4
...	27·735	−41·617	− 2	...	...
*	27·841	−41·567	1·20	46.1468	9·6
...	27·948	−23·949	− 5	*m*	...
...	28·066	−26·979	− 5	*m*	...
681					
...	+28·114	+38·214	− 4	...	...
...	28·227	+55·488	− 4	...	...
...	28·284	−19·623	0·65	...	...
*	28·405	+55·422	1·00	45.1464	9·6
...	28·538	− 0·991	− 1	...	...
...	+28·653	−27·106	− 4	*m*	...
...	28·683	+42·798	− 5	...	...
...	29·021	+30·228	− 3	...	...
...	29·028	− 0·783	− 5	*m*	...
...	29·072	−27·458	− 5	*m*	...
691					
*	+29·163	+17·497	0·90	45.1465	10·0
...	29·231	−15·751	− 5	*m*	...
...	29·502	+13·633	− 3	...	...
...	29·520	−58·927	− 4	...	...
...	29·828	−50·602	− 3	...	...
...	+30·018	− 4·085	− 4	...	...
...	30·050	+39·660	− 5	...	...
*	30·109	−50·237	1·20	46.1471	9·8
...	30·346	−57·235	− 2	...	...
...	30·456	+12·548	− 4	...	...
701					
...	+30·690	−40·083	− 5	*m*	...
*	30·740	+13·162	1·10	45.1466	9·8
...	30·940	−33·129	0·70	...	...
...	31·095	+43·897	− 5	...	...
*	31·096	+ 4·214	1·50	45.1468	9·4
...	+31·224	+46·195	0·80	45.1467	10·4
*	31·287	−29·580	0·90	46.1472	10·0
...	31·500	+13·405	− 5	*m*	...
...	31·632	−27·488	− 2	...	...
...	31·769	−31·821	− 1	...	...
711					
S*	+31·769	+11·049	2·10	45.1469	8·4
...	31·908	+32·637	− 2	...	...
...	32·009	+50·800	− 5	*m*	...
...	32·095	+38·192	− 3	...	...
...	32·117	−19·938	− 3	...	...
...	+32·168	+16·946	− 5	...	...
...	32·171	+18·855	0·75	45.1470	10·4
...	32·181	− 0·206	− 4	*m*	...
*	32·351	+ 1·829	1·25	45.1472	9·8
...	32·364	− 5·386	− 3	*m*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
721-780					
721					
...	+32′416	+25′256	− 3	° ...	...
*	32·566	+ 7·467	1·00	45.1473	10·0
...	32·650	+34·419	− 1	...	...
*	32·730	+34·398	1·00	45.1471	9·8
...	32·921	−25·262	− 4	*m*	...
...	+33·236	+33·202	− 5	*m*	...
...	33·406	−36·550	− 4	*m*	...
*	33·421	+28·139	1·00	45.1474	9·8
*	33·475	−29·245	1·20	46.1474	9·8
...	33·516	+23·984	− 3	...	...
731					
...	+33·692	+37·827	− 5	...	...
...	33·721	−42·415	− 2	...	...
...	33·834	−36·007	− 5	*m*	...
...	33·848	+ 7·774	− 3	...	...
...	33·997	+15·485	− 5	...	...
*	+34·318	−33·649	1·05	46.1475	9·8
...	34·598	−50·055	− 5	*m*	...
...	34·806	−25·405	0·80	46.1476	10·4
...	34·936	+33·462	− 4	...	...
...	34·981	+43·710	− 5	...	...
741					
...	+35·568	−55·176	− 1	...	...
...	35·704	− 4·098	− 2	...	...
...	35·767	+18·638	− 3	...	...
*	35·967	−35·598	1·00	46.1478	9·8
...	36·003	− 0·564	− 2	...	...
...	+36·187	+11·909	− 5	*m*	...
...	36·268	+11·883	− 4	...	...
...	36·393	+53·919	− 1	45.1475	10·4
†	36·431	− 5·067	− 3	...	...
...	36·917	−25·939	− 5	*m*	...
751					
...	+37·027	−14·660	− 1	...	...
...	37·076	+17·291	− 5	...	...
...	37·081	−38·787	− 5	*m*	...
...	37·378	+40·768	− 5	...	...
...	37·439	−13·519	− 3	...	...
...	+37·553	+36·382	− 5	...	...
...	37·775	+55·259	− 1	...	...
...	38·023	+ 2·970	− 3	...	...
*	38·048	+11·296	1·05	45.1476	9·8
...	38·121	−32·560	− 1	...	...
761					
...	+38·340	−24·761	− 2	...	...
...	38·592	−37·319	− 3	...	...
...	38·802	+38·262	0·65	...	...
...	38·869	−38·793	0·80	46.1479	10·4
...	38·876	+19·316	− 5	*m*	...
...	+38·877	+48·080	− 5	...	...
...	38·965	+ 5·511	− 5	*m*	...
...	39·070	+14·173	− 2	...	...
...	39·091	+12·536	− 5	*m*	...
*	39·424	−37·902	0·90	46.1480	10·1
771					
...	+39·619	+ 9·537	− 5	*m*	...
...	39·825	− 3·328	− 4	*m*	...
...	39·846	+ 7·581	− 5	*m*	...
...	39·903	−10·615	0·80	46.1481	10·4
...	39·930	−56·167	− 2	46.1482	10·4
...	+40·007	+36·067	− 4	...	...
...	40·032	+19·196	− 5	...	...
*	40·086	+44·069	1·00	45.1477	10·0
...	40·265	−53·926	− 5	*m*	...
...	40·274	+15·837	− 4	...	...

659, 660. 47°·45, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
781–830					
781					
...	+40·296	+19·646	− 5	m	...
...	40·412	+ 7·173	− 4	...	...
...	40·715	+51·506	− 4	...	...
...	40·954	+43·936	− 3	...	...
...	41·047	−55·736	− 5	m	...
...	+41·082	−24·666	− 2	...	...
...	41·224	+18·290	− 2	...	...
S *	41·311	+29·039	2·60	45.1478	8·3
...	41·339	+11·630	− 4	...	...
†	41·482	+ 4·983	− 2	...	...
791					
...	+41·613	− 7·122	− 5	m	...
...	41·682	+ 4·403	− 3	...	...
...	42·039	−11·992	0·70	46.1483	10·4
...	42·230	+ 1·758	0·80	45.1479	10·4
*	42·242	− 8·008	0·90	46.1484	10·4
...	+42·247	−10·470	− 5	m	...
...	42·288	+31·090	− 2	...	...
...	42·298	−40·200	− 2	...	...
...	42·339	+47·912	− 5	...	...
...	42·470	−42·450	− 1	...	...
801					
*	+43·075	− 6·984	1·00	46.1485	10·0
...	43·171	−42·680	− 4	m	...
...	43·256	−22·471	− 4	m	...
*	43·290	+28·300	1·40	45.1480	9·6
...	43·413	−25·049	− 4	m	...
...	+43·564	−16·527	− 4	...	...
*	43·663	−37·345	0·95	46.1487	10·1
...	43·748	− 3·583	− 2	...	...
*	43·778	+12·274	0·90	45.1482	10·1
S *	43·940	− 4·443	2·10	46.1486	8·6
811					
...	+44·106	+29·462	− 2	...	...
...	44·170	+28·103	− 5	...	...
*	44·191	+40·386	1·10	45.1481	9·8
...	44·383	−36·902	− 4	...	...
...	44·471	−18·953	− 5	m	...
...	+44·780	+ 6·192	− 2	...	...
...	44·802	+28·798	0·80	45.1483	10·4
...	44·875	+17·929	− 5	...	...
*	45·224	+21·544	1·10	45.1485	9·8
*	45·344	+28·269	1·80	45.1484	9·4
821					
...	+45·466	+29·065	− 5	...	...
*	46·273	+15·790	1·10	45.1486	9·8
...	46·370	+17·548	− 4	...	...
...	46·582	+13·949	− 4	...	...
...	46·630	+21·295	− 2	...	...
*	+46·742	−17·042	1·00	46.1488	10·0
...	46·806	+32·522	− 2	...	...
...	46·812	− 8·665	− 1	...	...
...	46·904	+40·924	− 2	...	...
...	47·035	+13·310	0·65	45.1488	10·4
831–880					
831					
...	+47·168	+46·712	0·75	45.1487	10·4
...	47·172	+41·248	− 4	...	...
*	47·194	−35·201	1·20	46.1490	9·8
...	47·345	+ 1·501	− 2	...	...
...	47·360	+34·143	− 5	...	...
...	+47·437	+ 9·375	− 3	...	...
...	47·468	+20·218	0·85	45.1489	10·0
*	47·553	+18·894	1·20	45.1490	9·8
...	47·838	−11·156	− 4	m	...
*	48·036	−53·869	2·80	46.1492	8·1
841					
...	+48·203	+11·777	− 4	...	...
*	48·311	+15·507	1·10	45.1491	9·8
...	48·565	+19·705	− 1	...	...
...	48·776	−12·924	− 4	m	...
...	48·777	−17·013	0·80	46.1491	10·4
...	+48·902	+15·487	− 3	...	...
...	48·980	+16·850	− 5	...	...
*	49·156	− 8·238	1·40	46.1493	9·5
...	49·280	+12·435	0·75	45.1492	10·4
†	49·336	+19·934	− 4	...	...
851					
...	+49·343	+10·208	− 4	...	...
...	49·576	− 6·272	− 2	...	...
†	49·718	+29·402	0·80	45.1493	10·2
...	50·129	− 2·564	0·80	45.1495	10·4
...	50·245	−10·934	0·75	...	...
†	+50·314	−59·873	− 1	46.1498	10·2
...	50·346	+39·170	0·65	45.1494	10·4
*	50·422	−40·488	1·20	46.1497	9·8
...	50·480	+43·885	− 2	...	...
...	50·556	+13·940	− 2	...	...
861					
...	+50·592	− 3·795	0·90	46.1494	10·0
...	50·714	−14·114	0·85	46.1495	10·0
...	50·741	− 7·286	− 5	m	...
*	50·844	−13·465	1·50	46.1496	9·6
...	51·201	−23·843	0·90	46.1499	10·4
...	+51·295	+ 2·086	− 3	...	...
...	51·506	−29·826	− 1	46.1500	10·4
‡	51·578	+54·721	1·60	45.1496	9·4
*	51·705	+57·652	1·05	44.1573	9·8
*	51·710	−10·764	− 5	m	...
871					
S *	+52·171	−54·656	2·85	46.1501	8·4
...	52·178	+ 5·185	− 1	...	...
...	52·212	+46·293	0·70	45.1497	10·4
*	52·377	+ 5·683	1·00	45.1500	10·0
...	52·631	+33·352	0·95	45.1498	10·0
...	+52·649	−21·131	− 5	m	...
...	52·858	−27·001	0·70	...	...
...	52·990	+ 3·592	0·80	...	...
...	53·008	−51·913	− 5	m	...
...	53·164	+21·211	− 5	...	...
881–928					
881					
S *	+53·292	+50·509	2·10	45.1499	9·1
...	53·327	− 6·074	− 4	m	...
...	53·382	+ 4·779	− 5	m	...
*	53·463	−26·297	1·05	46.1502	9·8
...	53·483	− 9·766	− 2	...	...
*	+53·850	+ 8·290	1·10	45.1502	9·8
*	53·999	+58·948	1·30	44.1578	9·8
...	54·112	+27·329	− 4	...	...
...	54·155	−10·781	− 5	m	...
...	54·316	− 4·783	0·70	...	...
891					
*	+54·513	+51·452	1·70	45.1501	9·5
†	54·634	+17·942	− 5	...	...
...	54·749	+53·914	− 1	45.1503	10·4
...	54·809	+49·375	0·85	45.1504	10·1
...	55·029	+ 1·664	− 1	...	...
...	+55·067	+29·753	− 2	...	...
...	55·274	− 2·121	− 3	...	...
...	55·313	+51·491	0·65	...	...
...	55·437	+41·336	0·95	45.1505	10·1
...	55·578	−34·657	0·90	46.1503	10·4
901					
...	+56·611	−52·122	− 3	...	...
*	56·666	+48·747	1·20	45.1506	9·8
...	56·759	−17·113	− 4	m	...
...	56·994	−28·240	− 4	m	...
...	57·039	+28·851	0·80	45.1508	10·4
...	+57·322	+51·121	0·75	45.1507	10·4
*	57·787	+40·577	1·00	45.1509	10·1
...	57·910	+49·250	− 5	...	...
*	57·958	−13·286	1·15	46.1504	10·0
...	58·026	−16·392	0·85	46.1505	10·4
911					
...	+58·085	+52·216	− 5	...	...
...	58·099	+ 4·573	0·65	...	...
...	58·131	+55·361	0·65	45.1510	10·4
N [	58·208	+52·129	0·85	45.1511	10·0
...	58·344	+42·483	− 5	...	...
...	+58·627	+ 7·423	0·80	45.1512	10·4
*	58·639	+10·233	1·00	45.1513	9·8
*	58·722	−44·185	1·00	46.1507	10·0
...	58·785	−12·924	− 5	m	...
...	58·889	+34·384	− 5	...	...
921					
...	+58·897	+20·834	− 5	...	...
...	58·960	+36·886	0·80	...	...
...	58·988	+ 6·570	− 5	...	...
...	58·989	−32·804	0·90	46.1506	10·2
...	59·311	+35·592	− 4	...	...
...	+59·506	+ 2·471	0·75	...	...
‡	59·510	−49·911	1·60	46.1508	9·8
†	59·543	−34·899	− 3	...	...

914. Mass. 45°·45, two stars; 46°·46, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
1-60					
1					
*	−59·766	+28·042	1·40	45.1484	9·4
...	59·681	+21·316	0·90	45.1485	9·8
...	59·660	+ 5·959	− 4	...	...
...	59·399	−37·593	0·80	46.1487	10·1
...	58·607	+40·728	− 4	...	...
...	−58·536	+46·534	− 3	45.1487	10·4
*	58·457	+15·601	0·95	45.1486	9·8
...	58·455	+32·333	− 5	...	...
...	58·268	+21·120	− 3	...	...
...	57·613	+13·145	− 3	45.1488	10·4
11					
...	−57·401	+20·067	0·70	45.1489	10·0
*	57·272	+18·741	1·10	45.1490	9·8
...	57·148	− 8·822	− 4	...	...
...	57·083	+ 9·227	− 5	...	...
*	56·958	−17·198	0·90	46.1488	10·0
...	−56·946	+ 1·351	− 4	...	...
*	56·421	+15·378	0·90	45.1491	9·8
...	56·287	+19·574	− 4	...	...
...	55·930	−35·341	0·90	46.1490	9·8
...	55·809	+15·374	− 5	...	...
21					
...	−55·514	+19·809	− 5	..	...
...	55·440	+29·302	− 2	45.1493	10·2
...	55·351	+12·339	− 3	45.1492	10·4
...	55·113	+39·079	− 4	45.1494	10·4
†	54·926	−17·091	− 3	46.1491	10·4
*	−54·806	− 8·318	1·05	46.1493	9·5
*	54·503	−53·971	2·60	46.1492	8·1
...	54·452	− 6·334	− 5	...	...
*	54·375	+54·673	1·50	45.1496	9·4
...	54·341	+57·613	0·90	44.1573	9·8
31					
...	−54·110	+13·883	− 5	...	...
...	54·018	− 2·619	− 2	45.1495	10·4
...	53·630	−10·988	− 4	...	...
...	53·509	− 3·838	0·70	46.1494	10·0
...	53·477	+46·283	− 2	45.1497	10·4
...	−53·080	−14·147	− 2	46.1495	10·0
...	52·998	+ 2·065	− 5	...	...
*	52·961	−13·501	1·05	46.1496	9·6
...	52·633	+33·352	0·70	45.1498	10·0
...	52·531	−40·518	0·90	46.1497	9·8
41					
S *	−52·517	+50·525	1·80	45.1499	9·1
...	52·285	−23·856	− 1	46.1499	10·4
...	52·228	+ 5·175	− 5	...	...
*	52·083	+58·978	1·00	44.1578	9·8
...	52·021	+ 5·691	0·85	45.1500	10·0
...	−51·773	−29·818	− 5	46.1500	10·4
...	51·354	+ 3·617	− 1	...	...
*	51·328	+51·498	1·40	45.1501	9·5
...	51·190	+53·955	− 5	45.1503	10·4
...	50·964	+49·426	− 1	45.1504	10·1
51					
*	−50·642	+ 8·344	0·95	45.1502	9·8
...	50·532	+51·550	− 4	...	...
...	50·523	−26·967	− 3	...	...
S *	50·333	−54·625	2·40	46.1501	8·4
...	50·097	+41·401	0·70	45.1505	10·1
...	−50·095	+29·833	− 5	...	...
‡ ‡	49·943	−26·244	0·95	46.1502	9·8
...	49·760	− 4·705	− 4	...	...
*	49·094	+48·854	1·00	45.1506	9·8
...	48·518	+51·247	− 3	45.1507	10·4
61-120					
61					
...	−48·119	+28·987	− 1	45.1508	10·4
...	47·859	+55·517	− 3	45.1510	10·4
...	47·733	+40·734	0·90	45.1509	10·1
N [	47·668	+52·287	− 1	45.1511	10·0
...	47·567	−34·531	− 2	46.1503	10·4
...	−46·449	+37·078	− 2	...	...
...	46·286	+ 4·753	− 4	...	...
...	46·042	+35·802	− 5	...	...
...	46·009	−51·958	− 5	...	...
*	45·928	+10·424	0·90	45.1513	9·8
71					
...	−45·859	−13·103	0·90	46.1504	10·0
...	45·846	+ 7·630	− 3	45.1512	10·4
...	45·697	−16·197	− 2	46.1505	10·4
...	44·817	+ 2·702	− 4	...	...
*	44·739	+40·046	0·90	45.1514	9·8
...	−44·225	+31·269	− 4	...	...
...	44·218	−32·565	− 2	46.1506	10·2
...	44·122	−43·945	−.1	46.1507	10·0
*	43·680	+54·330	1·20	45.1515	9·5
...	43·604	−34·636	− 4	...	...
81					
*	−43·163	−49·647	1·10	46.1508	9·8
...	43·151	−28·959	− 5	...	...
*	42·628	−11·525	1·40	46.1509	9·2
...	42·585	−41·752	− 5	...	...
*	42·541	−18·565	0·90	46.1510	9·8
*	−42·312	+ 2·170	2·20	45.1516	8·1
...	42·129	−23·564	− 4	...	...
...	41·907	+26·673	− 5	...	...
...	41·705	−15·031	− 5	...	...
...	41·250	−34·044	0·80	46.1511	10·4
91					
...	−41·210	+23·679	− 5	...	...
...	40·991	− 2·917	0·75	45.1517	10·0
...	40·228	+18·495	0·75	45.1518	10·1
...	39·693	−28·616	− 3	46.1512	10·4
...	39·652	+34·001	− 5	...	...
...	−39·619	− 2·170	− 5	...	...
...	39·619	+16·485	− 4	...	...
...	39·590	− 9·379	− 4	...	...
...	39·117	−18·545	− 3	...	...
...	38·877	−17·996	− 5	...	...
101					
...	−37·953	+11·599	− 2	...	...
...	37·903	−16·010	− 5	...	...
...	37·823	+ 1·439	0·75	45.1519	10·0
...	37·667	−19·375	− 5	...	...
...	37·435	+ 7·102	− 5	...	...
...	−36·973	− 4·438	− 4	...	...
...	36·799	+58·467	0·75	44.1593	10·0
...	36·670	+33·909	− 3	...	...
...	36·394	−13·734	0·80	46.1514	10·0
...	35·378	+24·150	0·85	45.1520	9·8
111					
...	−35·336	+55·990	0·75	45.1521	10·1
‡ ‡	35·242	−34·924	1·50	46.1515	9·3
†	35·023	−49·209	− 5	...	...
...	34·917	+ 51·578	0·90	45.1522	9·8
...	34·799	−54·722	− 5	B	...
*	−34·797	−19·019	1·80	46.1516	9·0
...	34·712	−11·653	− 5	...	...
...	34·684	−18·591	− 5	...	...
...	34·675	− 4·165	− 5	...	...
...	34·226	+16·147	− 5	...	...
121-180					
121					
...	−33·984	+54·407	− 4	...	...
...	33·859	+57·442	− 2	44.1599	10·4
...	33·652	+25·989	− 5	...	...
...	33·504	+58·251	0·80	44.1601	10·0
...	32·947	+ 1·776	− 5	...	...
...	−32·939	+25·343	− 3	...	...
...	32·912	−11·262	− 2	46.1518	10·1
S *	32·897	−28·995	3·00	46.1517	7·7
...	32·826	+25·302	0·80	45.1523	9·8
...	32·140	+21·889	0·80	45.1524	9·8
131					
...	−32·132	+34·299	− 3	...	...
...	32·100	+24·019	0·70	45.1525	10·0
...	31·901	− 4·422	− 4	...	...
...	31·895	−27·292	− 3	46.1519	10·4
†	31·724	+49·903	− 5	...	...
...	−31·441	+14·722	0·85	45.1526	9·8
...	31·004	−23·530	0·85	46.1520	10·0
*	30·934	+ 3·230	0·95	45.1527	9·6
...	30·900	+31·637	− 4	...	...
...	30·635	−36·904	− 5	...	...
141					
...	−30·149	+11·997	− 5	...	...
...	29·336	+48·334	− 5	...	...
...	28·752	−21·695	0·65	46.1521	10·2
. *	28·739	−28·534	1·60	46.1522	9·0
*	28·408	−28·965	0·85	46.1523	10·0
...	−27·842	−53·814	− 4	...	...
...	27·834	−45·071	0·80	46.1524	10·1
...	27·746	−46·045	− 2	46.1525	10·4
...	27·689	− 4·173	− 5	...	...
...	27·543	−25·868	− 4	...	...
151					
...	−27·167	+ 5·576	0·65	45.1528	10·2
...	27·104	− 8·916	− 1	46.1526	10·0
...	27·001	−10·432	− 2	46.1527	10·4
...	26·992	+35·682	0·65	45.1530	10·2
...	26·952	+37·720	− 1	45.1529	10·2
S *	−26·604	+32·302	2·20	45.1531	8·0
...	25·859	−14·656	− 2	46.1528	10·2
...	25·859	+42·066	− 4	...	...
...	25·786	+47·764	− 1	45.1532	10·0
...	25·456	+22·907	− 3	45.1533	10·4
161					
‡	−25·127	−15·241	1·20	46.1529	9·5
...	24·966	−34·080	− 4	46.1530	10·4
*	24·671	+41·644	0·95	45.1534	9·8
...	24·086	+15·440	− 3	45.1535	10·1
...	24·069	+42·305	− 5	...	...
...	−23·847	−45·065	− 3	46.1531	10·4
†	23·644	+44·953	− 4	...	...
*	23·468	−27·147	1·00	46.1532	9·8
‡	22·889	+49·918	1·00	45.1536	9·8
...	22·675	+53·339	− 2	45.1537	10·4
171					
...	−22·225	+38·004	− 2	45.1538	10·4
*	22·198	+24·391	1·10	45.1539	9·6
...	21·818	+12·739	− 4	...	...
...	21·777	+20·972	− 1	45.1540	10·0
S *	21·611	+18·915	1·90	45.1541	8·8
...	−21·565	+27·090	− 4	...	...
...	20·931	+17·237	− 4	45.1542	10·4
...	20·774	−13·000	− 2	46.1533	10·4
*	20·177	+ 0·803	1·00	45.1543	9·8
...	19·468	+ 0·635	− 3	...	...

ES measured from 1, 94, 180, 256, 347, 452.
MC ,, ,, 57, 142, 214, 300, 400, 510.

64. Mass. 45°·45, two stars ; 46°·45, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
181–240					
181					
*	−19·401	+39·281	0·90	45.1544	9·8
...	19·268	+26·662	− 5	...	...
...	18·869	−29·664	0·65	46.1534	10·4
...	18·601	−14·346	− 4	...	...
†	18·544	+44·927	0·70	45.1545	10·0
*	−18·256	+ 1·674	2·40	45.1546	8·4
...	18·251	− 9·111	− 5	...	...
*	18·022	−54·598	1·30	46.1535	9·6
...	17·230	− 7·063	− 3	46.1536	10·4
...	17·075	+43·746	− 5	...	...
191					
...	−16·999	− 2·256	0·90	45.1547	9·8
...	16·942	+12·499	0·75	45.1548	10·0
...	16·149	+59·689	− 5	...	...
...	16·101	−37·237	− 4	...	...
...	15·579	+ 1·716	− 3	...	...
...	−15·491	+14·786	0·80	45.1549	9·8
...	15·333	+31·338	− 4	...	...
...	14·992	−11·840	− 5	...	...
*	14·973	−45·046	1·05	46.1537	9·6
...	14·937	+29·589	− 3	45.1550	10·4
201					
...	−14·704	−46·075	− 4	46.1538	10·4
...	14·439	+46·217	− 5	...	...
...	13·504	−19·227	0·80	46.1539	10·0
*	13·466	+46·742	1·10	45.1551	9·4
*	13·029	+18·106	1·10	45.1552	9·5
...	−12·731	+11·758	− 2	45.1553	10·4
...	12·207	−47·243	0·65	46.1540	10·0
...	11·761	−13·682	− 3	46.1541	10·4
*	10·991	−31·148	1·05	46.1542	9·5
...	10·847	+17·193	− 5	...	...
211					
...	−10·433	+51·319	− 5	...	...
...	10·287	−20·511	− 1	46.1543	10·4
...	10·199	−16·078	0·80	46.1544	9·8
‡	10·051	+55·028	1·10	45.1554	9·4
...	9·931	− 0·648	− 1	45.1555	9·8
...	− 9·644	+42·948	− 3	...	...
...	9·412	−29·678	− 1	46.1545	10·0
*	9·236	−46·517	1·00	46.1546	9·8
...	9·002	−11·947	− 4	...	...
*	8·834	+48·027	1·20	45.1556	9·6
221					
...	− 8·568	−12·697	− 3	46.1547	10·4
...	8·382	−58·448	− 5	*m*	...
S *	8·277	−43·698	2·50	46.1548	8·2
*	8·264	+36·200	1·00	45.1557	9·8
...	8·005	−30·948	− 4	*m*	...
...	− 7·891	+52·470	0·90	45.1558	10·0
*	7·804	+ 5·918	1·40	45.1559	9·3
...	7·472	−11·116	− 5	*m*	...
*	7·442	+23·794	1·10	45.1560	9·8
...	6·806	−57·875	− 5	*m*	...
231					
...	− 6·752	−52·830	0·75	46.1549	10·0
...	6·666	+ 6·571	− 1	45.1561	10·2
...	6·359	+21·235	− 5	...	...
...	6·082	+56·851	0·90	45.1562	9·8
...	5·551	−24·998	1·00	46.1550	10·0
...	− 5·438	+40·783	− 3	...	...
...	5·401	−23·000	− 4	*m*	...
†	5·061	−51·165	− 2	46.1551	10·0
...	4·113	+18·382	0·65	45.1563	10·0
...	3·834	−36·053	− 1	46.1553	10·2
241–300					
241					
...	− 3·828	−52·425	0·90	46.1552	10·0
...	3·567	+31·275	− 3	45.1564	10·4
...	3·178	+22·126	0·90	45.1565	9·8
...	3·144	−20·223	− 1	46.1554	10·0
...	3·091	−16·908	− 5	*m*	...
...	− 2·988	−29·519	− 5	*m*	...
...	2·882	−50·245	− 3	46.1555	10·4
†	2·705	−44·848	− 5	*m*	...
...	2·150	− 5·471	− 4	*m*	...
...	1·950	−36·974	− 1	46.1556	10·2
251					
...	− 1·942	+52·626	0·95	45.1566	9·8
...	1·725	− 0·424	0·75	45.1567	10·0
...	0·694	+50·923	− 5	...	...
...	0·483	+50·048	− 4	...	...
*	− 0·226	+ 8·706	1·00	45.1568	9·8
...	+ 0·037	+10·218	− 4	45.1569	10·4
*	0·269	+40·144	0·90	45.1570	9·8
*	0·857	−25·407	1·15	46.1557	9·6
...	0·885	−21·856	− 5	*m*	...
...	1·018	−13·435	− 2	46.1558	10·4
261					
...	+ 1·891	− 2·899	0·80	45.1571	10·0
...	2·147	−56·505	− 1	...	...
*	2·276	−35·479	0·95	46.1559	10·0
...	2·378	+49·113	− 1	45.1572	10·4
...	2·703	+33·673	− 2	...	...
*	+ 4·166	+10·954	1·00	45.1573	9·8
*	4·170	−15·313	1·05	46.1561	9·4
...	4·190	−18·093	− 3	*m*	...
...	4·196	+48·418	− 4	...	...
...	4·312	+29·478	− 5	...	...
271					
S *	+ 4·597	+16·056	1·65	45.1576	8·9
*	4·617	+40·244	0·95	45.1574	9·8
...	4·711	+45·484	− 5	...	...
‡	4·830	−12·752	1·05	46.1562	9·8
†	4·894	−24·888	0·65	46.1563	10·1
‡	+ 4·914	+ 5·307	1·25	45.1577	9·3
...	5·509	−57·228	− 5	*m*	...
...	5·561	−49·616	0·70	46.1564	10·1
...	5·576	− 2·014	− 5	*m*	...
...	5·744	− 0·368	− 3	45.1578	10·1
281					
...	+ 6·124	+40·833	− 4	...	...
*	6·136	−33·492	1·80	46.1565	8·9
...	6·270	−32·342	− 4	*m*	...
...	6·381	−13·633	− 1	46.1566	10·2
...	6·839	+24·589	− 3	...	...
...	+ 7·136	−27·733	− 5	*m*	...
...	7·257	−34·440	− 5	*m*	...
...	8·119	+36·537	− 5	...	...
...	8·324	−34·986	− 2	46.1567	10·4
...	8·451	− 3·581	− 5	*m*	...
291					
†	+ 8·669	+ 5·053	− 4	...	...
*	8·968	+14·848	1·05	45.1580	9·6
...	8·971	+29·858	− 2	45.1579	10·4
...	9·169	+18·258	− 4	...	...
...	9·226	− 6·818	0·75	46.1568	10·1
...	+ 9·440	+17·577	− 5	...	...
*	9·598	−31·182	2·40	46.1569	8·4
...	9·738	+30·915	− 4	45.1581	10·4
...	9·756	+11·047	− 5	...	...
...	10·106	−34·681	− 5	*b*	...
301–360					
301					
...	+10·449	−27·650	− 3	46.1570	10·4
*	11·219	+13·494	1·90	45.1584	8·8
*	11·266	+19·503	1·90	45.1583	8·8
...	11·316	+40·821	− 3	45.1582	10·4
*	11·491	+ 2·527	1·20	45.1585	9·5
...	+11·556	−27·910	0·75	46.1572	10·1
...	11·675	−21·555	0·80	46.1571	10·0
S *	11·892	−55·314	2·20	46.1575	8·4
*	11·929	−25·520	2·40	46.1573	8·4
*	12·017	−22·880	1·10	46.1574	9·8
311					
...	+12·983	+23·276	− 4	...	...
...	13·595	+44·591	− 2	45.1586	10·4
...	13·662	+40·485	− 4	45.1587	10·4
*	13·734	+55·704	1·10	45.1588	9·8
...	13·843	+26·968	− 5	...	...
...	+13·861	+59·668	− 1	44.1678	10·1
...	13·954	+49·457	− 3	...	...
...	14·038	−53·499	− 1	46.1578	10·4
*	14·154	−32·446	1·80	46.1577	8·6
*	14·220	−17·232	1·10	46.1576	9·6
321					
*	+14·673	+15·576	1·40	45.1589	9·2
...	14·917	+30·988	− 4	...	...
...	14·949	+58·686	− 3	44.1679	10·4
*	15·062	−18·495	0·90	46.1579	9·8
...	15·201	−31·485	− 4	46.1580	10·4
...	+15·456	+21·684	− 5	...	...
...	15·532	−36·904	− 3	46.1582	10·4
*	15·589	−18·864	1·20	46.1581	9·4
...	15·646	−35·798	− 3	...	...
*	16·948	−26·560	1·10	46.1583	9·5
331					
...	+17·002	− 2·022	0·85	45.1591	10·0
...	17·027	−30·078	− 5	*m*	...
...	17·104	−51·249	− 2	46.1584	10·4
...	17·354	+19·485	− 5	...	...
*	17·414	+48·413	1·00	45.1590	9·8
*	+17·531	−52·334	1·50	46.1585	9·3
...	17·564	− 0·179	− 5	*m*	...
...	17·746	+31·282	− 3	45.1592	10·4
...	17·819	−11·630	− 5	*m*	...
...	17·881	+13·465	− 2	45.1593	10·2
341					
*	+18·353	+12·327	1·20	45.1594	9·5
...	18·620	−10·907	− 1	46.1586	10·1
...	18·635	−49·676	− 4	...	...
...	18·806	+26·028	− 4	...	...
...	19·174	+57·321	0·90	44.1686	10·0
...	+19·413	−44·152	0·65	46.1587	10·4
‡	19·871	+28·982	1·30	45.1595	9·2
...	19·894	+28·741	− 5	...	...
...	20·382	− 4·614	− 1	46.1588	10·1
...	20·402	−15·315	− 4	46.1589	10·4
351					
...	+21·092	−49·474	− 5	*m*	...
...	21·168	−13·753	− 2	46.1590	10·4
*	21·194	+50·123	1·20	45.1596	9·4
...	21·271	+40·052	− 5	...	...
...	21·467	−55·935	0·75	46.1593	10·1
...	+21·756	−18·852	0·80	46.1591	10·0
...	21·955	+56·127	− 5	...	...
...	22·038	+ 2·710	− 5	...	...
...	22·116	+ 7·683	− 3	...	...
...	22·134	− 4·743	− 5	*m*	...

C.P.D. 45°·1575. Not measurable ; obscured by second and third images of 271.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−4.	No.	Mag.
361-420					
361					
*	+22·379	+ 6·203	1·30	45.1597	9·5
...	22·504	−10·109	0·75	46.1594	10·0
...	22·576	− 0·979	− 3	...	...
...	22·613	+36·386	− 5	...	...
...	22·852	−44·159	− 5	*m*	...
...	+22·867	+16·027	− 2	45.1598	10·2
...	23·024	− 7·158	0·75	46.1595	10·2
...	23·422	+49·798	− 5	...	...
...	23·582	−46·208	− 5	*m*	...
...	23·646	−39·002	− 4	...	...
371					
...	+23·795	+48·489	0·70	45.1599	10·0
...	23·800	+26·199	− 3	45.1600	10·4
...	23·822	+16·707	− 3	45.1601	10·4
...	23·834	− 4·057	− 4	46.1596	10·4
S *	23·898	−21·467	2·90	46.1597	7·9
...	+24·479	−35·980	− 4	...	...
...	24·701	+42·060	0·85	45.1602	9·8
*	24·883	+14·593	0·90	45.1604	9·8
...	25·056	+41·592	0·90	45.1603	9·8
...	26·106	−43·969	− 5	*m*	...
381					
...	+26·315	−31·518	0·65	46.1599	10·0
...	26·316	− 6·145	− 5	*m*	...
...	26·613	+33·612	0·80	45.1605	9·8
...	26·894	−17·478	− 2	46.1601	10·4
...	27·048	−19·269	− 2	46.1602	10·4
...	+27·187	− 6·735	− 2	46.1603	10·4
...	27·311	−57·932	0·70	46.1606	10·0
...	27·327	−27·592	0·75	46.1604	10·0
...	27·369	−54·084	− 1	46.1605	10·2
*	27·442	+ 8·491	0·90	45.1606	9·8
391					
...	+28·136	−58·353	− 5	*m*	...
*	28·350	+31·482	1·15	45.1607	9·4
...	28·567	− 6·407	− 4	*a*	...
*	29·223	+13·867	0·95	45.1610	9·6
†	29·288	−19·864	0·70	46.1607	10·0
...	+29·348	−28·762	− 5	*m*	...
...	29·379	+49·165	− 1	45.1608	10·2
*	29·505	+42·329	1·80	45.1609	9·0
†	29·746	+25·324	− 4	...	...
*	30·208	−56·108	2·80	46.1608	8·1
401					
...	+30·254	−29·501	− 5	*m*	...
...	30·433	+ 1·990	0·80	45.1611	10·0
...	31·072	+30·165	− 4	...	...
...	31·272	+ 6·008	− 4	...	...
*	31·298	+50·599	1·10	45.1612	9·5
...	+31·555	−47·984	− 5	*m*	...
*	31·842	− 8·532	1·20	46.1609	9·8
†	32·177	+44·906	− 2	45.1613	10·4
...	32·430	−40·894	− 4	46.1611	10·4
...	32·483	+44·711	− 1	45.1614	10·4
411					
...	+32·641	−43·206	− 5	*m*	...
†	32·690	+39·964	− 1	45.1615	10·0
...	33·473	−25·443	− 5	*m*	...
...	33·930	+53·268	0·80	45.1616	10·0
...	34·000	+43·956	− 2	45.1617	10·4
*	+34·400	−50·944	1·20	46.1612	9·8
...	34·525	−42·194	0·95	46.1613	9·8
...	34·832	+27·959	− 4	...	...
...	34·851	−16·831	− 3	...	...
...	35·198	+18·032	− 4	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−4.	No.	Mag.
421-480					
421					
...	+35·240	+44·023	− 2	45.1618	10·4
...	35·340	−23·451	− 4	...	...
...	35·454	− 8·611	− 5	*m*	...
...	35·844	−27·080	− 5	*m*	...
*	36·103	−30·202	1·00	46.1615	9·8
...	+36·207	+49·285	− 4	...	...
...	36·365	+55·527	− 5	45.1619	10·4
...	36·626	+16·709	− 4	...	...
...	36·757	−35·187	− 2	46.1617	10·4
...	36·778	− 3·374	0·90	46.1616	10·0
431					
...	+36·794	+33·552	− 4	...	...
...	37·071	−30·704	0·75	46.1618	10·1
...	37·219	−37·744	− 1	46.1619	10·2
*	37·634	−21·487	1·40	46.1621	9·1
...	37·849	−28·862	− 2	46.1623	10·1
...	+37·905	+17·786	− 4	...	...
*	37·914	+56·788	2·00	44.1718	8·6
...	37·934	−59·201	− 1	46.1624	10·2
*	37·964	− 7·090	1·30	46.1622	9·2
...	37·995	+46·391	− 4	45.1620	10·4
441					
*	+38·237	+29·605	1·30	45.1621	9·2
...	38·545	−48·943	0·85	46.1625	10·0
...	38·608	+ 0·785	− 3	45.1623	10·4
...	38·887	+51·020	− 4	45.1622	10·4
...	38·945	+45·381	− 3	...	...
...	+39·007	+ 1·775	− 5	...	...
*	39·081	−28·611	1·00	46.1626	9·6
...	39·193	−10·139	− 5	*m*	...
...	39·351	− 1·021	− 4	*b*	...
...	39·611	−11·339	0·65	46.1627	10·0
451					
†	+39·699	− 6·130	0·80	46.1628	9·8
...	39·823	+34·345	− 4	45.1625	10·4
...	39·930	+18·767	− 4	...	...
S *	39·998	+47·343	2·20	45.1624	8·3
...	40·088	+48·838	− 3	...	...
...	+40·211	+ 0·342	− 3	45.1628	10·4
...	40·233	+20·706	− 5	...	...
†	40·373	+44·873	0·80	45.1626	9·8
...	40·923	+52·415	− 1	45.1627	10·4
...	41·014	−28·577	− 3	...	...
461					
*	+41·158	− 5·462	1·25	46.1629	9·4
*	41·227	−54·419	2·00	46.1631	8·6
...	41·336	−48·179	− 5	*m*	...
...	41·766	+21·229	− 5	...	...
...	41·803	− 8·049	− 3	46.1630	10·4
...	+41·844	−14·828	− 5	*m*	...
...	41·850	+55·930	0·90	45.1629	9·8
‡	42·192	+ 0·075	0·95	45.1631	9·8
*	42·412	+38·315	2·00	45.1630	8·7
...	42·417	− 9·742	− 3	...	...
471					
...	+42·438	+20·827	− 5	...	...
...	42·459	+14·298	− 5	...	...
...	42·634	−49·026	− 1	46.1632	10·2
...	42·816	−40·314	− 4	...	...
...	43·172	−49·576	0·75	46.1633	10·2
...	+43·204	−39·213	− 4	...	...
...	43·374	−24·777	− 5	*e*	...
...	43·436	+39·085	− 2	45.1632	10·4
...	43·489	− 3·589	− 5	*m*	...
...	43·507	− 3·884	− 5	*m*	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−4.	No.	Mag.
481-540					
481					
...	+43·513	+45·492	− 5	45.1634	10·4
...	43·638	+52·823	− 1	45.1633	10·4
...	43·856	+16·170	− 3	45.1635	10·4
...	43·980	+11·235	− 5	...	...
...	44·445	+49·473	− 5	...	...
...	+44·470	−42·537	− 4	*e*	...
...	44·502	+17·504	0·65	45.1637	10·1
...	44·637	+50·300	− 3	...	...
*	44·845	+47·788	1·40	45.1636	9·1
...	45·447	−38·681	0·75	46.1634	10·0
491					
...	+45·655	+ 2·488	− 5	...	...
...	46·083	−56·876	− 5	*e*	...
...	46·155	−38·637	0·80	46.1635	10·0
...	46·458	+25·280	− 1	45.1638	10·4
...	46·583	+ 0·146	− 4	...	...
...	+46·728	+38·560	− 4	...	...
...	46·736	−23·197	− 5	*e*	...
...	46·845	−34·217	− 5	*e*	...
...	47·014	−19·788	− 5	*e*	...
...	47·051	−18·265	− 2	46.1636	10·2
501					
*	+47·377	+ 1·486	0·90	45.1639	9·8
...	47·503	+ 9·805	− 5	...	...
...	47·715	−29·327	− 5	*e*	...
*	48·151	− 5·379	1·00	46.1637	9·6
...	48·332	+41·514	− 5	...	...
...	+48·689	− 8·719	0·70	46.1638	10·0
...	49·064	−26·651	− 5	*e*	...
...	49·192	+39·402	− 5	...	...
...	49·543	+25·924	− 1	45.1641	10·4
*	49·869	+16·588	1·10	45.1642	9·5
511					
...	+49·974	+39·466	− 3	45.1640	10·4
...	50·029	+ 3·506	− 3	...	...
...	50·552	−18·280	0·90	46.1639	10·0
...	50·619	−16·804	− 5	46.1640	10·4
...	50·665	+29·761	− 4	...	...
...	+51·065	+24·182	0·65	45.1644	10·0
*	51·072	+29·537	1·20	45.1643	9·6
...	51·544	+11·104	− 1	45.1645	10·0
...	51·929	− 0·041	− 4	*f*	...
...	52·044	− 8·620	− 4	46.1642	10·4
521					
...	+52·103	−16·998	− 1	46.1643	10·4
...	52·561	−52·914	− 3	46.1644	10·2
...	53·255	+ 1·259	− 1	45.1646	10·0
...	53·919	−24·791	− 4	*e*	...
...	54·004	− 6·716	− 4	*e*	...
...	+54·398	+23·028	− 5	...	...
...	54·601	+ 6·332	− 5	...	...
†	54·670	−37·202	− 3	46.1645	10·4
...	54·835	+ 6·898	0·65	45.1647	10·1
...	54·848	−30·553	− 5	*e*	...
531					
...	+55·421	+10·563	0·85	45.1648	10·0
*	55·565	+ 0·746	0·90	45.1649	9·8
...	55·834	+ 3·733	− 3	45.1652	10·0
...	56·003	+ 3·683	− 1		
...	56·359	−22·054	− 4	*e*	...
...	+56·374	+11·146	0·75	45.1653	10·0
S *	56·504	+40·391	2·50	45.1650	8·1
...	56·594	+37·115	− 2	45.1651	10·0
†	56·739	+44·954	− 5	...	...
...	56·880	−16·118	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
541-548					
541	′	′		°	
...	+57·143	+29·025	− 4	...	...
...	57·179	+16·569	− 2	45.1654	10·4
...	57·988	+ 0·765	− 4	...	...
*	58·056	−19·994	0·95	46.1646	10·0
...	58·155	−16·272	− 2	46.1647	10·4
...	+58·271	+25·568	− 3	...	...
*	58·865	−18·023	1·10	46.1648	9·6
...	59·231	+46·746	− 4	45.1655	10·4

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. ...	C.P.D. No.	C.P.D. Mag.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. ...	C.P.D. No.	C.P.D. Mag.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
1-40					
1	′	′		°	
†	−60·088	−25·046	− 4	E	...
...	60·037	−49·284	− 2	46.1632	10·2
...	59·811	+37·986	− 5	...	...
...	59·805	−39·461	− 3	...	...
...	59·495	−49·813	− 1	46.1633	10·2
...	−59·464	+ 3·067	− 4	...	...
...	58·708	+38·382	− 2	...	...
... [	58·658	+25·126	− 5	...	...
... [	58·568	+25·094	0·75	45.1638	10·4
...	58·657	+ 2·280	− 4	...	...
11					
...	−58·422	−42·734	− 2	E	...
...	58·272	+37·090	− 5	...	...
†	57·646	− 0·015	− 2	F	...
*	57·561	−38·869	1·00	46.1634	10·0
...	57·516	+ 1·276	− 5	...	...
...	−57·214	+41·369	− 3	...	...
...	57·034	+ 9·666	− 2	...	...
†	56·963	+19·955	− 4	...	...
*	56·905	+ 1·342	1·10	45.1639	9·8
...	56·903	+14·444	− 4	...	...
21					
*	−56·863	−38·796	1·00	46.1635	10·0
...	56·769	−23·349	− 4	E	...
...	56·725	−24·357	− 5	M	...
...	56·594	−18·403	0·85	46.1636	10·2
...	56·594	−19·928	− 3	E	...
...	−56·493	+58·264	− 4	...	...
...	56·351	−57·040	− 5	E	...
...	56·317	−34·363	− 3	E	...
...	56·277	+39·291	− 4	...	...
...	56·003	+ 9·123	− 5	...	...
31					
*	−55·911	− 5·494	1·30	46.1637	9·6
...	55·589	−29·452	− 4	E	...
...	55·504	+25·831	0·80	45.1641	10·4
...	55·491	+39·376	− 1	45.1640	10·4
*	55·273	− 8·819	0·90	46.1638	10·0
...	−54·975	−55·045	− 5	M	...
*	54·880	+16·515	1·20	45.1642	9·5
...	54·818	+ 3·770	− 4	...	...
...	54·574	+ 7·656	− 5	...	...
...	54·564	−53·137	− 4	M	...
41-80					
41	′	′		°	
...	−54·492	+29·701	− 2	...	...
...	54·333	−26·719	− 2	E	...
...	54·311	+ 3·437	− 1	...	...
*	54·090	+29·493	1·30	45.1643	9·6
*	53·935	+24·147	0·95	45.1644	10·0
*	−53·090	−18·314	1·00	46.1639	10·0
...	53·070	−16·843	− 3	46.1640	10·4
...	53·035	+11·074	0·85	45.1645	10·0
...	52·639	+48·331	− 5	...	...
...	52·431	−11·867	− 5	M	...
51					
...	−52·355	−13·378	− 5	M	...
†	52·307	− 0·023	− 2	F	...
...	52·227	+38·619	− 5	...	...
...	52·210	−29·213	− 4	M	...
...	51·913	− 8·613	− 1	46.1642	10·4
...	−51·826	−43·080	− 5	M	...
...	51·589	−16·981	0·85	46.1643	10·4
...	51·026	+ 1·296	0·85	45.1646	10·0
...	50·783	−42·218	− 3	M	...
...	50·556	+23·097	− 2	...	...
61					
...	−50·286	−47·398	− 5	M	...
†	50·100	+54·566	− 3	...	...
...	50·061	+13·358	− 4	...	...
...	50·015	− 6·655	0·65	E	...
...	50·004	−52·864	0·80	46.1644	10·2
...	−49·827	+ 6·412	− 1	...	...
...	49·789	+22·176	− 4	...	...
...	49·610	+ 6·972	0·90	45.1647	10·1
...	49·538	−24·710	− 1	E	...
...	49·518	− 7·120	− 5	M	...
71					
...	−49·415	− 7·007	− 5	M	...
...	49·142	+10·664	0·90	45.1648	10·0
...	48·993	+ 8·544	− 4	...	...
S *	48·990	+40·510	2·70	45.1650	8·1
...	48·904	+45·071	− 1	...	...
...	−48·833	−28·348	− 5	M	...
...	48·783	+37·234	0·80	45.1651	10·0
...	48·735	− 7·668	− 5	M	...
*	48·692	+ 0·854	1·00	45.1649	9·8
n	48·506	+ 3·847	0·80	45.1652	10·0
81-120					
81	′	′		°	
...	−48·463	+34·128	− 5	...	...
...	48·421	−30·454	− 2	E	...
...	48·380	−37·088	0·85	46.1645	10·4
n *	48·340	+ 3·805	0·90	45.1652	10·0
...	48·205	+11·288	0·90	45.1653	10·0
...	−48·012	−27·131	− 5	M	...
...	47·995	+29·166	− 3	...	...
...	47·987	+27·648	− 5	...	...
...	47·581	+16·722	0·80	45.1654	10·4
...	47·522	+14·411	− 5	...	...
91					
...	−47·312	+47·107	− 3	...	...
...	47·292	+25·637	− 4	...	...
...	47·174	−21·910	− 1	E	...
...	47·150	+26·154	− 5	...	...
...	46·840	−15·964	0·65	...	...
...	−46·819	+36·416	− 5	...	...
...	46·774	+25·749	0·65	...	...
...	46·750	+25·231	0·70	...	...
...	46·476	+46·938	0·75	45.1655	10·4
...	46·298	−15·401	− 3	M	...
101					
...	−46·282	+ 0·957	0·65	...	...
...	46·056	+27·029	− 3	...	...
...	45·979	−42·118	− 5	M	...
...	45·716	+57·096	− 4	...	...
*	45·563	−19·803	1·00	46.1646	10·0
...	−45·558	−16·075	0·75	46.1647	10·4
...	45·486	+26·250	− 5	...	...
...	45·325	+56·241	− 1	...	...
...	45·308	+50·908	0·85	45.1656	10·2
...	45·292	+17·138	− 5	...	...
111					
†	−45·134	+30·221	0·70	45.1657	10·4
...	44·971	−50·521	− 4	M	...
...	44·962	+10·604	− 5	...	...
...	44·930	−19·190	− 5	M	...
...	44·849	−44·587	− 3	M	...
*	−44·806	−17·798	1·20	46.1648	9·6
...	44·595	+33·230	− 5	...	...
...	44·332	+14·455	− 2	...	...
...	44·191	+51·926	− 4	...	...
*	44·174	+36·873	1·40	45.1659	9·1

MC measured from 1, 162, 366, 546, 655, 762, 878, 983, 1084.
ES ,, ,, 62, 260, 461, 601, 708, 811, 930, 1025, 1129.

80, 84. C.P.D., mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. –1.	C.P.D. No.	C.P.D. Mag.
121-180					
121					
...	−44′·018	+ 6′·784	0·90	45°.1658	10·0
...	43·873	+38·455	0·90	45.1660	10·0
...	43·828	+34·117	— 1	...	...
...	43·777	+38·695	— 5	...	...
*	43·737	+33·535	0·90	45.1661	10·0
...	−43·735	+ 6·432	— 5	M	...
...	43·682	+53·783	— 3	...	...
...	43·263	— 9·466	— 4	M	...
*	43·054	+33·170	1·00	45.1662	9·8
...	42·987	−17·567	— 5	M	...
131					
N [	−42·900	+56·400	0·80	45.1664	10·0
*	42·691	+25·261	0·90	45.1663	10·0
...	42·673	— 2·434	0·75	...	...
...	42·578	+ 3·922	— 4	...	...
...	42·547	−13·725	— 5	M	...
...	−42·452	+43·975	0·85	45.1665	10·2
...	42·438	−41·512	0·90	46.1649	10·1
...	42·401	+ 7·477	— 5	...	...
...	42·217	+36·310	0·65	...	...
*	42·135	— 9·586	1·60	46.1650	9·2
141					
...	−42·063	+ 8·350	— 4	...	...
...	41·846	+24·068	— 1	45.1666	10·4
...	41·803	+21·854	— 3	...	...
...	41·648	+10·799	— 3	...	...
N * [	41·532	+34·606	1·40	45.1667	9·4
†	−41·477	+14·879	— 3	...	...
...	41·467	+45·273	— 4	...	...
...	41·453	+27·735	— 5	...	...
...	41·184	+31·879	— 5	M	...
...	41·151	+25·039	0·65	...	...
151					
...	−40·810	+58·535	— 3	...	...
...	40·757	+38·488	— 5	...	...
...	40·756	— 4·347	— 4	M	...
...	40·622	+44·704	— 3	...	...
...	40·615	+56·325	— 3	...	...
...	−40·479	+20·978	— 3	...	...
*	40·464	+ 3·572	1·20	45.1668	9·5
...	40·415	+ 1·679	— 5	...	...
...	40·329	−53·035	— 5	M	...
...	40·304	— 2·553	— 1	B	...
161					
†	−40·192	+13·610	— 1	...	...
‡	40·126	−56·935	1·20	46.1652	9·8
†	40·115	— 4·202	— 4	M	...
†	40·100	+ 4·103	— 5	M	...
...	40·055	−19·073	— 4	M	...
*	−39·983	+55·674	2·00	45.1669	8·8
...	39·750	+11·936	— 5	...	...
...	39·687	+57·215	— 4	...	...
...	39·596	+ 8·601	— 3	...	...
...	39·573	−57·004	— 3	...	...
171					
*	−39·479	−15·957	1·00	46.1654	10·0
*	39·397	−43·853	1·30	46.1653	9·6
...	39·354	−35·555	— 3	M	...
...	39·270	−11·925	— 5	M	...
...	39·126	+42·539	— 5	...	...
...	−39·086	+51·167	— 4	...	...
S *	38·979	— 3·870	1·50	46.1656	9·2
...	38·969	— 6·245	— 4	M	...
*	38·889	−18·019	1·00	46.1655	10·0
...	38·749	+35·218	— 4	...	...
181-240					
181					
...	−38′·514	−22′·507	— 5	°M	...
...	38·472	+11·610	— 5	...	...
...	38·314	+42·395	— 2	...	...
...	38·231	+35·373	0·75	45.1670	10·4
...	38·114	+30·199	— 4	...	...
*	−37·924	+50·902	1·00	45.1671	9·8
...	37·743	+49·288	0·95	45.1673	10·0
...	37·694	+45·627	0·85	45.1672	10·1
...	37·682	+13·930	— 2	...	...
...	37·488	— 2·529	— 1	B	...
191					
...	−37·245	+24·065	— 4	...	...
...	37·201	−55·044	— 1	46.1657	10·4
...	37·145	−25·471	0·70	46.1658	10·4
‡	36·993	−29·902	2·00	46.1659	8·6
...	36·818	−23·723	— 4	M	...
...	−36·671	−32·957	— 4	M	...
...	36·637	−22·218	0·90	46.1660	10·4
...	36·596	−48·718	— 3	M	...
...	36·358	+40·058	— 4	...	...
*	35·971	+25·569	1·00	45.1674	9·8
201					
...	−35·912	+46·473	— 3	...	...
...	35·894	−15·658	— 2	...	...
...	35·857	−12·869	— 5	M	...
...	35·767	+19·484	— 5	...	...
...	35·729	−56·331	— 3	M	...
...	−35·706	+18·535	— 5	...	...
...	35·657	−26·604	— 5	M	...
...	35·558	−49·193	— 5	M	...
...	35·475	−22·128	0·70	46.1662	10·4
...	35·436	+24·525	0·85	45.1675	10·4
211					
†	−35·260	−24·603	— 5	M	...
†	35·255	−55·939	— 4	M	...
†	35·146	+21·124	— 5	...	...
...	35·043	+15·651	0·70	45.1676	10·4
...	35·021	−26·778	— 4	M	...
...	−35·000	−23·231	— 5	M	...
...	34·816	+23·969	— 3	...	...
...	34·600	+32·479	— 4	...	...
...	34·463	−36·213	— 3	M	...
...	34·462	+ 8·322	— 4	...	...
221					
*	−34·258	+33·791	1·20	45.1677	9·7
...	34·174	−34·326	— 4	M	...
...	34·153	−29·256	— 5	M	...
...	34·105	+35·890	0·80	45.1678	10·2
...	34·033	−25·873	— 5	M	...
...	−33·918	+ 2·954	— 4	...	...
...	33·916	— 0·998	— 5	M	...
...	33·901	−25·693	— 3	M	...
...	33·676	— 2·950	— 5	M	...
...	33·579	+59·249	— 4	...	...
231					
...	−33·545	−41·640	— 5	M	...
...	33·303	+18·202	— 5	...	...
...	33·170	+ 5·266	— 2	...	...
*	33·033	+48·880	1·00	45.1679	9·8
S *	32·905	−49·728	2·90	46.1663	8·1
S *	−32·717	+15·584	2·30	45.1680	8·3
*	32·460	−37·211	1·00	46.1664	9·8
*	32·439	−20·642	0·95	46.1665	10·0
†	32·395	−34·896	— 4	M	...
‡	32·181	+29·887	1·00	45.1681	9·6
241-300					
241					
...	−32′·072	+56′·958	0·90	44°.1785	10·2
...	32·045	+53·758	— 3	...	...
...	31·853	— 2·334	— 3	M	...
...	31·748	— 2·524	— 3	M	...
...	31·704	+42·269	0·75	45.1682	10·4
...	−31·601	+25·105	— 4	...	...
...	31·597	−42·990	— 5	M	...
...	31·376	+29·015	— 3	...	...
...	31·296	+29·521	— 4	...	...
‡	31·035	+54·786	1·20	45.1684	9·6
251					
...	−30·918	+35·954	— 4	...	...
...	30·885	+20·909	— 5	...	...
*	30·843	+52·806	2·70	45.1685	8·2
...	30·796	+35·393	— 4	M	...
...	30·772	— 1·816	— 4	M	...
*	−30·732	−27·791	0·90	46.1666	10·0
...	30·705	— 1·278	0·65	45.1683	10·4
...	30·486	+13·361	— 4	...	...
†	30·237	+37·205	0·80	45.1686	10·4
†	30·197	−19·203	— 5	M	...
261					
...	−30·066	−52·192	— 5	M	...
*	30·023	— 2·375	1·05	45.1687	9·8
...	29·842	+35·601	— 5	...	...
...	29·820	+23·290	— 4	...	...
...	29·688	+21·294	— 4	...	...
...	−29·605	+ 1·305	— 5	M	...
...	29·603	+12·264	— 2	...	...
*	29·548	−23·708	0·85	46.1667	10·0
...	29·506	+20·007	— 3	...	...
...	29·369	+51·840	— 1	...	...
271					
...	−29·338	−49·277	— 4	M	...
...	29·017	+47·691	— 5	...	...
...	28·987	−18·283	— 2	...	...
...	28·950	−58·499	— 4	M	...
...	28·947	−22·141	0·70	46.1668	10·4
*	−28·896	−15·815	0·95	46.1669	9·8
*	28·617	−40·781	0·90	46.1670	10·0
...	28·555	+10·369	— 4	...	...
...	28·420	−22·729	0·75	46.1671	10·4
*	28·384	−13·384	1·00	46.1672	9·8
281					
...	−28·375	−36·567	— 2	...	...
...	28·291	+21·823	— 1	...	...
...	28·281	+53·163	— 4	...	...
*	28·200	−33·124	1·90	46.1673	9·0
...	28·073	+36·192	— 4	...	...
...	−28·051	−39·013	— 5	M	...
...	27·823	— 9·640	— 3	M	...
...	27·350	−44·197	— 5	M	...
...	27·301	+ 1·700	0·70	45.1688	10·4
...	27·280	+52·509	0·70	...	...
291					
*	−27·169	−50·673	0·90	46.1674	10·1
...	27·112	−42·122	— 5	M	...
...	26·982	−36·409	— 3	M	...
...	26·867	+ 7·211	— 4	...	...
...	26·831	+ 3·480	— 4	...	...
...	−26·759	−21·079	— 3	M	...
...	26·717	−39·171	— 4	M	...
...	26·656	−19·753	— 3	M	...
...	26·481	+24·554	— 5	...	...
...	26·397	+ 3·977	0·65	...	...

131. Mass. 45°·46, two stars.
145. Mass. 45°·46, two stars.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
301-360					
301					
...	−26′370	− 9′709	0·80	46°1675	10·4
...	26·235	−55·750	− 5	M	...
...	26·081	− 2·325	− 5	M	...
...	26·058	+38·836	0·75	45.1689	10·4
...	26·026	−10·777	− 5	M	...
*	−25·970	+18·238	0·95	45.1690	9·8
...	25·936	−26·801	0·80	46.1677	10·4
...	25·883	−26·062	0·80	46.1676	10·4
...	25·805	+40·567	0·95	45.1691	10·0
...	25·775	+57·277	− 3	...	...
311					
...	−25·741	+34·107	− 5	M	...
...	25·649	− 4·627	− 2	B	...
...	25·599	+ 4·437	− 3	...	...
*	25·545	+54·607	0·95	45.1693	9·8
*	25·460	+28·433	2·70	45.1692	8·2
...	−25·322	+23·695	0·75	45.1694	10·2
†	25·306	−49·863	− 3	M	...
†	25·255	−39·592	− 5	M	...
*	25·038	− 3·165	0·90	45.1695	10·0
...	24·887	−32·546	0·70	...	...
321					
...	−24·744	− 6·511	− 4	M	...
...	24·541	− 7·901	− 5	M	...
...	24·462	+25·517	− 4	...	...
...	24·452	+29·570	− 5	...	...
...	24·382	+11·437	− 4	...	...
...	−24·361	−33·070	0·70	46.1678	10·4
...	24·231	−51·259	0·90	46.1679	10·1
...	24·142	+17·550	− 4	...	...
...	24·130	+20·454	− 4	...	...
...	24·114	− 3·372	0·75	46.1680	10·4
331					
...	−23·973	−21·139	− 3	M	...
...	23·729	− 0·807	− 5	M	...
...	23·680	+56·225	0·65	...	...
...	23·568	+18·478	− 4	...	...
NB	23 557	− 9·933	− 2	46.1681	10·4
NC	−23·387	−10·083	− 3		
...	23·350	−49·436	− 4	M	...
...	23·199	−12·401	− 4	M	...
...	23·159	+10·014	0·65	45.1696	10·4
†	22·958	− 9·981	0·70	46.1682	10·4
341					
...	−22·921	−35·889	− 5	M	...
...	22·668	+48·866	− 4	...	...
...	22·586	−24·382	0·65	46.1683	10·4
...	22·391	−33·719	− 3	M	...
...	22·317	−17·748	− 3	M	...
...	−22·272	+53·425	− 4	...	...
*	22·262	−30·849	0·90	46.1684	10·0
...	22·222	−22·585	− 5	M	...
...	22·114	+ 1·837	− 4	...	...
...	22·101	−21·967	− 4	M	...
351					
...	−21·999	−26·632	− 5	M	...
*	21·958	−17·157	1·05	46.1685	9·6
...	21·910	+ 8·853	− 5	...	...
...	21·712	−19·848	0·80	46.1686	10·2
...	21·568	+13·531	− 4	...	...
...	−21·546	− 7·921	− 4	M	...
...	21·219	+38·472	0·70	45.1698	10·4
*	21·200	+39·103	0·90	45.1697	9·8
...	21·114	−40·436	0·65	...	...
...	20·985	−42·530	− 5	M	...
361-420					
361					
*	−20′901	−44′044	1·05	46°1688	9·8
...	20·647	+ 7·674	− 4	...	...
...	20·578	+58·508	− 5	...	...
...	20·564	− 7·396	0·80	46.1689	10·4
†	20·247	−59·032	0·75	46.1690	10·4
†	−20·159	+23·073	− 4	...	...
...	19·858	−43·537	− 4	M	...
...	19·765	−13·459	− 4	M	...
...	19·752	+28·611	− 3	...	...
*	19·741	+15·515	0·90	45.1699	10·4
371					
*	−19·712	+42·778	1·00	45.1700	10·0
...	19·633	− 4·853	− 5	M	...
*	19·600	−41·945	1·00	46.1691	10·0
*	19·303	−54·214	1·00	46.1692	10·0
...	19·269	−35·749	− 2	...	...
*	−19·110	−20·550	1·00	46.1693	9·8
...	19·049	+22·017	− 4	45.1701	10·4
...	18·970	+22·181	− 3		
*	18·774	+32·140	1·20	45.1702	10·0
...	18·736	+24·458	− 4	...	...
381					
...	−18·701	+17·507	− 3	...	...
...	18·618	− 7·329	− 4	M	...
*	18·417	+51·067	1·15	45.1703	9·8
...	18·416	−28·959	0·75	...	...
...	18·320	+30·107	− 4	...	...
*	−18·257	−36·635	0·95	46.1694	10·4
...	17·997	−11·892	0·90	46.1695	10·4
...	17·910	− 9·002	0·75	...	...
...	17·591	+12·085	− 1	...	...
...	17·587	−47·832	− 3	M	...
391					
...	−17·276	−39·687	− 5	M	...
...	17·257	+38·676	− 4	...	...
...	17·055	+39·705	− 2	...	...
...	16·812	+16·962	− 4	...	...
...	16·632	−32·274	− 4	M	...
...	−16·559	−59·470	− 3	M	...
...	16·531	−24·774	− 2	...	...
...	16·520	−38·423	− 1	46.1696	10·4
...	16·323	−21·784	− 3	M	...
*	16·196	+28·636	1·20	45.1704	10·1
401					
...	−16·045	−10·843	− 3	M	...
...	16·020	−36·144	− 3	M	...
...	15·728	+39·467	− 3	...	...
...	15·587	−26·718	0·70	46.1697	10·4
...	15·520	+17·859	− 5	...	...
*	−15·501	+27·535	0·95	45.1705	10·4
*	15·353	+21·889	1·00	45.1706	10·4
...	15·335	+26·822	− 5	...	...
...	15·128	+ 1·906	− 5	M	...
‡	15·120	+54·927	1·90	45.1707	9·1
411					
†	−14·937	−25·039	− 2	...	...
*	14·900	− 2·911	1·70	45.1708	9·6
...	14·888	+35·045	− 3	...	...
...	14·846	+47·924	− 5	...	...
...	14·836	+16·814	− 5	...	...
...	−14·791	− 8·337	− 4	M	...
...	14·745	+20·360	− 5	...	...
...	14·642	−42·397	− 5	M	...
...	14·543	+37·655	− 5	...	...
*	14·377	+39·936	0·95	45.1709	10·4
421-480					
421					
...	−14′284	+43′654	− 4	°	...
...	14·148	+40·215	− 3	...	...
...	14·148	− 3·589	− 5	M	...
...	13·775	+17·366	− 4	...	...
*	13·752	+ 2·139	1·00	45.1710	10·4
...	−13·738	+36·127	− 1	...	...
‡	13·626	+34·766	1·40	45.1711	9·7
...	13·609	+39·077	0·85	...	...
...	13·078	−29·100	0·80	...	...
...	13·059	−43·543	− 4	M	...
431					
...	−12·856	+21·532	− 3	...	...
*	12·567	−56·818	1·20	46.1698	9·9
...	12·462	+56·802	− 2	...	...
...	12·386	−24·747	− 3	M	...
...	12·289	+11·863	− 5	...	...
...	−12·286	+33·091	0·85	...	...
...	12·211	−49·733	− 3	M	...
...	12·133	− 2·330	− 5	M	...
...	12·044	−33·543	− 5	M	...
†	11·952	+ 4·983	− 4	...	...
441					
*	−11·898	+10·563	1·80	45.1712	9·4
...	11·894	+15·065	− 3	...	...
...	11·890	−19·652	− 4	M	...
...	11·813	−24·244	− 4	M	...
*	11·740	−40·455	2·30	46.1699	8·5
...	−11·673	−19·422	− 2	...	...
...	11·626	+41·767	− 1	...	...
...	11·584	−37·699	− 4	M	...
...	11·522	−29·724	− 1	...	...
...	11·419	−14·401	− 5	M	...
451					
...	−11·334	+50·956	0·85	45.1713	10·4
...	11·173	+51·878	0·65	...	...
*	11·156	−42·329	0·90	46.1700	10·4
*	11·052	−23·313	0·90	46.1701	10·4
...	11·025	+43·632	− 5	...	...
...	−10·920	−31·025	− 2	...	...
...	10·739	− 7·798	− 3	M	...
...	10·616	+ 9·357	− 1	...	...
...	10·482	+19·243	− 1	...	...
...	10·354	+36·312	− 3	...	...
461					
...	−10·123	+13·179	0·80	...	...
...	9·895	+23·640	− 4	...	...
...	9·794	−30·939	0·65	...	...
...	9·756	−32·012	− 4	M	...
...	9·650	+48·252	− 5	...	...
...	− 9·596	+55·378	− 4	...	...
...	9·545	−23·959	− 5	M	...
...	9·456	− 1·413	0·80	...	...
...	9·220	+10·612	− 5	...	...
...	9·107	−20·934	− 4	M	...
471					
*	− 9·084	+43·557	0·95	45.1714	10·4
...	9·057	+16·682	− 3	...	...
S *	8·988	−25·290	2·40	46.1702	8·4
...	8·970	+14·176	− 5	...	...
...	8·917	− 6·121	− 2	M	...
*	− 8·859	+39·005	0·90	45.1715	10·4
...	8·812	+ 2·816	− 5	M	...
...	8·743	+28·997	− 5	...	...
...	8·696	+26·379	− 1	...	...
...	8·680	−24·528	− 5	M	...

335, 336. 47°·46. Obscured by réseau.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
481-540					
481					
...	− 8·648	−26·952	− 2	B	...
...	8·510	+20·123	− 3	...	...
...	8·378	+17·274	− 5	M	...
...	8·326	+20·124	0·80	45.1716	10·4
...	8·279	−14·763	0·75	46.1703	10·4
...	− 7·888	−57·098	− 4	M m	...
...	7·845	−40·472	− 5	M m	...
...	7·393	+17·606	− 4	...	...
...	7·272	+47·941	0·80	...	...
...	7·271	+ 8·291	− 3	...	...
491					
...	− 7·027	+ 2·536	− 1	...	...
...	6·813	−15·813	0·80	46.1704	10·4
...	6·811	−37·073	− 4	M m	...
...	6·600	−39·009	− 1	m	...
...	6·591	+28·812	− 5	...	...
*	− 6·505	+16·768	0·90	45.1717	10·1
...	6·495	−31·059	− 5	M m	...
...	6·333	−55·284	− 5	M m	...
*	5·831	+33·182	2·40	45.1718	8·1
...	5·822	−52·221	− 5	M m	...
501					
...	− 5·664	−38·321	− 4	M m	...
...	5·651	+ 5·355	− 4	m	...
†	5·290	+49·377	− 1	...	...
...	5·026	+58·379	0·90	44.1825	10·4
...	4·946	− 7·422	− 4	M m	...
...	− 4·930	+21·471	0·70	...	...
...	4·813	+33·459	− 4	...	...
...	4·756	+19·181	− 2	...	...
...	4·724	+ 6·110	− 3	...	...
...	4·472	+ 0·918	− 5	M m	...
511					
...	− 4·351	+38·631	− 1	...	...
...	4·308	− 2·774	− 1	B m	...
...	4·219	+42·693	− 4	...	...
...	4·166	− 2·491	− 4	M m	...
...	3·673	+42·546	− 3	...	...
...	− 3·645	+20·932	− 3	...	...
...	3·583	− 9·435	− 2	M m	...
...	3·429	−36·902	− 4	M m	...
...	3·302	−46·200	− 5	M m	...
...	3·124	−55·728	− 3	M m	...
521					
‡	− 2·978	−39·997	1·80	46.1705	9·0
...	2·883	− 0·608	− 3	M m	...
...	2·747	+50·978	− 5	...	...
...	2·623	− 4·116	− 5	M m	...
...	2·478	−53·762	− 4	M m	...
...	− 2·460	+ 5·408	− 3	m	...
...	2·424	+ 7·666	− 3	m	...
...	2·319	+42·412	− 5	m	...
...	2·307	−25·624	− 2	M m	...
...	2·024	−47·118	− 4	M m	...
531					
...	− 1·996	+55·056	− 4	...	...
...	1·940	+29·453	− 5	...	...
...	1·835	−39·265	− 5	M m	...
...	1·830	+34·443	− 1	...	...
...	1·768	−29·189	0·65	B m	...
...	− 1·760	−52·542	− 4	M m	...
...	1·601	+14·079	− 5	...	...
...	1·081	+45·267	− 5	...	...
...	0·876	−25·346	− 4	M m	...
...	0·825	+ 9·434	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
541-600					
541					
...	− 0·759	−20·919	− 5	M m	...
...	0·730	+30·042	0·65	...	...
...	0·519	− 6·699	− 4	M m	...
...	0·497	+33·684	− 4	...	...
...	0·411	−42·264	0·65	...	...
†	− 0·252	−33·556	0·90	46.1706	10·4
...	0·077	+ 7·889	0·70	...	...
†	− 0·048	−43·858	− 5	M m	...
...	+ 0·203	−44·189	− 5	M m	...
...	0·231	+15·032	− 5	M	...
551					
†	+ 0·249	−39·965	− 5	M m	...
...	0·449	−59·453	− 5	M m	...
...	0·636	+18·522	− 2	...	...
...	0·727	+44·878	− 2	...	...
...	0·762	+37·010	− 3	...	...
...	+ 0·854	−46·471	− 1	...	...
...	0·948	−49·600	− 4	M m	...
†	0·974	+ 9·856	− 4	...	...
*	1·178	− 2·039	0·95	45.1719	10·4
...	1·190	−18·907	− 4	M m	...
561					
...	+ 1·261	+56·147	− 4	...	...
...	1·301	+ 1·731	− 1	...	...
...	1·313	+ 6·236	− 4	...	...
...	1·320	−11·614	− 2	B m	...
...	1·349	+32·815	− 5	...	...
...	+ 1·436	+13·822	− 4	...	...
*	1·549	+ 5·542	1·00	45.1720	10·4
...	1·582	−19·611	0·85	46.1708	10·4
...	1·605	−19·177	0·90	46.1707	10·4
...	1·673	+48·988	0·85	...	...
571					
...	+ 1·918	−48·858	− 5	M m	...
...	1·930	− 3·946	− 3	M m	...
*	1·946	+41·064	1·00	45.1721	10·2
...	1·987	+39·110	− 4	...	...
...	2·124	+53·080	− 2	...	...
...	+ 2·165	+43·478	− 5	m	...
...	2·330	−43·056	− 3	M m	...
...	2·332	−52·264	− 4	M m	...
...	2·368	− 8·065	− 4	M m	...
...	2·405	−42·316	− 4	M m	...
581					
*	+ 2·700	+ 9·244	1·00	45.1722	10·4
...	2·700	−40·770	− 4	M m	...
*	2·812	−28·003	1·00	46.1709	10·0
...	2·918	− 3·911	− 5	M m	...
*	2·979	+23·387	1·40	45.1723	9·6
...	+ 2·992	+33·045	− 5	...	...
...	3·089	−13·186	− 5	M m	...
...	3·104	+17·583	0·80	45.1724	10·4
...	3·173	−14·710	− 4	M m	...
...	3·295	−11·676	− 4	M m	...
591					
...	+ 3·731	+32·205	− 5	...	...
...	3·835	−21·468	− 2	m	...
*	3·891	− 8·915	1·80	46.1710	9·4
...	3·961	−23·440	− 1	...	...
...	4·019	−59·212	− 4	M m	...
...	+ 4·053	+36·823	0·85	45.1725	10·4
*	4·113	+59·650	0·95	44.1832	10·2
S *	4·248	−48·449	2·80	46.1711	7·9
...	4·464	−24·004	− 5	M m	...
...	4·542	+ 8·997	0·80	45.1726	10·4

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No	C.P.D. Mag.
601-660					
601					
†	+ 4·746	+45·383	− 5	...	...
...	4·858	+23·421	− 5	M m	...
...	4·934	− 6·029	− 5	M m	...
...	4·935	−17·133	− 2	M b	...
...	5·015	+13·782	0·75	...	...
...	+ 5·090	−13·200	− 1	M b	...
...	5·243	−55·874	− 4	M m	...
S *	5·287	+22·510	2·50	45.1727	8·5
...	5·302	− 1·526	− 5	M m	...
...	5·405	−48·438	− 4	M m	...
611					
...	+ 5·495	− 9·469	− 4	M m	...
...	5·789	−59·605	0·90	46.1712	10·4
...	6·102	+45·127	− 5	...	...
...	6·333	−10·259	− 5	M m	...
...	6·373	−34·219	− 1	M	...
...	+ 6·556	−29·229	− 4	M m	...
...	6·779	+49·175	− 3	...	...
...	6·817	+23·758	0·80	45.1728	10·4
*	6·821	+ 2·017	2·20	45.1729	8·4
...	7·010	+46·803	− 5	...	...
621					
...	+ 7·113	−52·968	− 3	M	...
...	7·195	−32·102	− 5	M m	...
...	7·202	+42·575	− 5	...	...
...	7·402	+46·564	− 5	...	...
...	7·443	−34·096	− 1	...	...
...	+ 7·471	−50·346	− 3	M m	...
...	7·704	−13·828	− 1	M	...
...	7·751	+41·214	− 5	...	...
...	7·738	−32·857	− 5	M m	...
...	7·769	−19·023	− 4	M m	...
631					
...	+ 7·826	+41·623	− 5	...	...
...	7·888	−32·253	− 5	M m	...
...	8·073	−30·071	− 4	M m	...
...	8·183	+52·746	− 2	...	...
...	8·190	− 8·965	− 4	m	...
...	+ 8·198	+47·038	0·90	45.1730	10·4
...	8·207	+ 1·615	− 5	m	...
...	8·295	+ 5·310	− 5	m	...
...	8·332	+58·897	0·75	44.1836	10·4
...	8·343	+44·417	− 4	...	...
641					
...	+ 8·392	+35·318	− 5	...	...
...	8·404	+27·029	− 5	...	...
...	8·610	+12·504	0·80	45.1731	10·4
...	8·813	−25·252	− 3	m	...
...	8·849	−39·699	− 5	m	...
...	+ 8·874	+48·913	− 5	...	...
...	8·914	−33·781	− 2	...	...
*	8·961	+ 1·268	1·00	45.1732	10·0
*	8·974	−36·477	1·70	46.1713	9·3
...	8·999	+29·699	− 5	...	...
651					
...	+ 9·018	+17·535	− 3	...	...
*	9·548	−11·144	0·80	...	...
...	9·631	+14·438	− 3	...	...
†	9·638	−41·414	− 5	m	...
†	9·759	−17·120	− 5	m	...
...	+ 9·987	−51·929	− 4	m	...
*	10·010	+ 2·940	1·20	45.1734	9·9
...	10·094	−45·615	− 3	m	...
*	10·101	+31·511	2·60	45.1733	8·6
...	10·135	−10·410	0·85	46.1715	10·4

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. -1.	C.P.D. No.	C.P.D. Mag.
661-720					
661	′	′		°	
...	+10·299	+10·552	− 5	...	...
...	10·499	−12·953	− 4	*m*	...
...	10·550	+19·374	0·80	...	...
...	10·600	+ 3·361	− 5	*m*	...
...	10·714	+14·992	− 1	...	...
...	+10·870	+11·287	− 5	*m*	...
...	10·901	−38·730	− 5	*m*	...
...	11·085	−43·234	− 3	*m*	...
...	11·111	− 6·199	− 2	*b*	...
...	11·633	−11·840	− 4	*m*	...
671					
...	+11·637	+36·237	− 4	...	...
...	11·867	−40·295	− 4	*m*	...
...	12·073	−19·348	0·65	...	...
...	12·260	+58·504	− 3	...	...
...	12·448	−25·526	− 4	*m*	...
*	+12·496	−16·374	1·10	46.1716	10·0
*	12·504	+50·412	1·10	45.1735	9·9
...	12·674	−35·725	− 5	*m*	...
...	12·682	−21·417	− 3	*m*	...
*	12·712	+30·629	1·00	45.1736	10·0
681					
...	+12·759	+47·690	− 4	...	...
...	13·077	− 7·860	0·85	46.1717	10·4
...	13·102	+22·791	− 5	...	...
...	13·140	+52·393	− 2	...	...
...	13·322	+48·320	− 2	...	...
*	+13·328	−19·499	1·00	46.1718	10·1
...	13·435	+ 7·648	− 4	...	...
...	13·452	+37·198	− 3	...	...
*	13·504	−28·062	1·20	46.1719	9·8
...	13·616	+26·560	− 4	...	...
691					
...	+13·698	−39·304	− 5	*m*	...
...	13·815	− 8·899	− 5	*m*	...
...	13·849	−13·426	− 3	*m*	...
...	13·875	−20·471	− 1	...	...
...	13·885	−30·666	0·65	...	...
...	+13·897	+ 4·314	− 5	*m*	...
...	13·898	+ 0·757	− 4	...	...
...	13·957	−19·807	− 1	...	...
*	13·975	+39·369	1·00	45.1737	10·2
...	14·152	−56·084	0·90	46.1720	10·4
701					
...	+14·172	−26·156	− 1	...	...
...	14·187	+27·331	− 4	...	...
...	14·241	−18·008	− 3	*m*	...
...	14·329	−25·823	0·75	...	...
...	14·463	−47·344	− 3	*m*	...
†	+14·525	+14·907	− 4	...	...
...	14·532	+10·290	− 2	...	...
...	14·775	+38·168	− 4	...	...
*	14·883	+21·675	1·20	45.1738	9·9
...	14·977	−55·005	0·80	46.1722	10·4
711					
...	+15·039	+18·961	− 5	...	...
*	15·074	−45·326	1·20	46.1723	9·7
...	15·119	−33·313	− 5	*m*	...
*	15·153	+44·383	1·00	45.1739	10·2
...	15·167	−44·466	0·85	46.1724	10·4
...	+15·649	+37·219	− 5	...	...
...	15·769	+50·139	0·90	45.1740	10·4
...	15·950	−46·360	− 5	*m*	...
...	15·959	−37·828	− 5	*m*	...
...	16·028	−37·775	0·70	...	...
721-780					
721	′	′		°	
...	+16·223	+19·945	− 3	...	...
...	16·231	−57·089	0·65	...	...
*	16·258	+57·981	1·15	44.1846	9·9
*	16·317	+ 3·024	1·80	45.1741	9·6
...	16·337	−19·198	− 4	*m*	...
...	+16·392	−13·665	0·75	...	...
...	16·728	−40·749	− 5	*m*	...
...	16·893	+33·903	− 4	...	...
...	16·927	+36·406	− 5	...	...
...	16·985	−48·350	− 4	*m*	...
731					
...	+17·168	+ 9·347	− 5	...	...
...	17·176	−36·839	− 3	*m*	...
...	17·192	−19·731	− 3	*m*	...
*	17·390	−46·018	4·00	46.1725	7·2
...	17·398	−40·688	0·65	...	...
...	+17·640	−22·336	0·80	46.1726	10·4
...	17·653	−40·882	− 5	*m*	...
...	17·769	+41·484	0·70	...	...
*	17·807	+11·224	2·00	45.1742	9·1
...	17·814	−48·233	− 4	*m*	...
741					
...	+17·847	+41·216	− 5	...	...
...	17·961	+30·483	− 1	...	...
*	17·972	+16·251	2·70	45.1743	8·4
*	18·142	+ 0·331	1·50	45.1746	9·7
...	18·212	−17·742	0·75	...	...
...	+18·234	−53·287	0·80	46.1727	10·4
*	18·385	+15·416	1·10	45.1745	9·7
*	18·418	+30·833	0·90	45.1744	10·4
...	18·475	+ 7·370	− 1	...	...
...	18·548	−58·302	0·80	46.1728	10·4
751					
...	+18·713	−44·609	− 1	...	...
...	18·789	−16·287	− 3	*m*	...
...	18·822	−18·988	− 5	*m*	...
...	18·828	− 7·108	− 5	*m*	...
...	19·002	+ 9·704	− 5	*m*	...
...	+19·199	+36·345	− 3	...	...
...	19·314	−11·162	− 5	*m*	...
...	19·411	−30·166	− 2	...	...
...	19·422	+28·196	− 1	...	...
S ‡	19·595	−19·737	2·10	46.1729	8·5
761					
†	+19·616	−38·926	− 3	*m*	...
*	19·894	−25·903	1·00	46.1730	10·1
...	19·898	−20·621	− 4	*m*	...
*	19·935	+23·765	1·80	45.1748	9·3
...	19·941	+40·834	0·90	45.1747	10·4
...	+20·095	−29·620	− 5	*m*	...
...	20·248	− 5·374	− 4	*m*	...
...	20·408	+33·232	− 4	...	...
...	20·498	−52·890	− 4	*m*	...
...	20·742	+44·938	− 3	...	...
771					
...	+20·816	+58·382	− 3	...	...
...	20·825	+17·322	− 5	*m*	...
...	20·825	−42·076	− 5	*m*	...
*	20·893	+17·372	1·20	45.1750	9·7
...	20·981	+35·528	− 4	...	...
*	+21·011	+44·359	1·30	45.1749	9·8
...	21·192	+ 0·247	0·85	...	...
...	21·212	−47·727	0·85	46.1731	10·4
...	21·322	+36·372	0·75	...	...
...	21·372	−35·620	− 4	*m*	...
781-840					
781	′	′		°	
...	+21·418	−56·561	− 3	...	...
...	21·467	+51·798	0·90	...	...
*	21·560	− 9·754	1·00	46.1732	10·1
...	21·592	−41·951	− 4	*m*	...
...	21·718	−51·322	− 5	*m*	...
...	+21·731	−27·842	− 5	*m*	...
*	21·760	−47·044	1·00	46.1734	10·2
...	22·061	+43·874	− 5	...	...
*	22·063	− 5·644	1·10	46.1733	10·1
...	22·112	−44·225	− 4	*m*	...
791					
*	+22·220	−52·125	1·10	46.1735	10·0
...	22·256	+55·843	− 3	...	...
...	22·326	−39·120	− 4	*m*	...
...	22·666	−45·379	− 3	*m*	...
...	22·787	+23·046	− 3	...	...
...	+22·851	+22·116	− 5	...	...
...	22·853	+ 3·407	− 4	...	...
...	22·988	+ 9·998	− 3	...	...
...	23·113	− 3·745	− 5	*m*	...
...	23·224	+25·632	− 2	...	...
801					
...	+23·235	− 3·878	− 5	*m*	...
...	23·661	−13·382	− 3	*m*	...
...	23·703	+26·095	− 5	...	...
...	23·804	+51·459	− 4	...	...
...	23·819	+ 6·788	− 5	*m*	...
...	+23·896	−15·580	− 3	*m*	...
†	24·006	−54·937	− 5	*m*	...
...	24·329	+ 4·228	− 5	*m*	...
*	24·500	−43·582	1·40	46.1736	9·7
...	24·522	−16·897	− 3	*m*	...
811					
...	+24·817	+34·037	− 5	...	...
...	24·863	+49·276	0·65	...	...
...	25·016	+41·368	− 2	...	...
†	25·018	−49·877	0·90	46.1737	10·2
...	25·093	−21·375	− 2	...	...
...	+25·211	+14·284	− 3	...	...
...	25·214	+26·372	− 3	...	...
...	25·266	+34·949	0·70	...	...
...	25·297	+53·004	− 1	...	...
...	25·527	−44·857	0·80	46.1738	10·4
821					
†	+25·640	−54·972	0·80	46.1739	10·4
...	25·719	−15·558	− 5	*m*	...
...	25·882	−29·422	− 3	*m*	...
...	25·914	+40·743	− 5	*m*	...
*	25·936	−43·151	0·95	46.1740	10·2
...	+25·947	+31·753	− 5	...	...
...	25·982	−33·039	− 5	*m*	...
...	25·998	−29·860	− 3	*m*	...
...	26·019	−49·817	− 4	*m*	...
...	26·094	−27·012	− 1	...	...
831					
...	+26·102	+ 5·812	0·65	...	...
...	26·105	−37·565	− 3	*m*	...
*	26·202	+26·428	2·00	45.1751	9·0
...	26·225	+24·346	− 4	...	...
...	26·448	− 1·898	− 3	*m*	...
...	+26·475	−37·904	0·75	...	...
...	26·516	−34·160	− 4	*m*	...
*	26·602	−24·297	1·00	46.1741	10·0
...	26·607	+ 9·607	− 3	...	...
...	26·641	+ 9·516	− 5	*m*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
841-900					
841				°	
...	+26·667	+34·056	− 4	...	...
...	26·773	−42·450	− 5	*m*	...
...	26·783	−27·415	− 5	*m*	...
*	26·790	−42·208	0·95	46.1742	10·2
...	26·917	+54·856	− 4	...	...
...	+27·113	−26·563	− 2	...	...
...	27·259	+10·118	− 2	...	...
...	27·368	+25·175	− 3	...	...
...	27·405	−38·815	− 3	*m*	...
...	27·534	+10·116	0·70	...	...
851					
...	+27·677	−12·481	− 2	...	...
...	27·683	−17·930	0·65	...	...
...	27·734	+37·598	− 5	...	...
...	27·742	+31·869	− 3	...	...
...	27·812	−17·354	0·65	...	...
...	+27·876	− 1·721	− 3	*m*	...
...	27·959	+31·754	0·75	...	...
...	28·099	−38·029	− 5	*m*	...
...	28·284	− 9·490	− 5	*m*	...
...	28·323	+35·570	− 4	...	...
861					
*	+28·323	−31·718	1·80	46.1743	9·1
...	28·379	−50·300	− 5	*m*	...
...	28·552	−43·591	− 5	*m*	...
...	28·585	+37·798	0·80	...	...
...	28·671	+ 7·493	− 3	...	...
...	+28·683	−11·168	− 5	*m*	...
...	28·732	−27·063	0·85	46.1744	10·4
...	28·790	+15·455	− 4	...	...
*	28·923	−28·173	1·00	46.1746	10·2
...	28·924	−16·668	− 4	*m*	...
871					
...	+28·983	+32·458	− 4	...	...
S *	29·010	+49·066	1·80	45.1752	9·4
*	29·151	−10·358	0·95	46.1745	10·2
...	29·208	+27·424	− 3	...	...
...	29·326	−27·867	0·80	46.1747	10·4
...	+29·483	− 3·847	− 4	*m*	...
†	29·577	−46·189	− 5	*m*	...
...	29·766	+28·098	0·80	...	...
...	29·837	+29·221	− 5	...	...
...	29·846	−26·158	− 4	*m*	...
881					
...	+29·852	+45·499	− 3	...	...
*	30·120	−30·786	1·20	46.1748	9·7
...	30·286	+ 0·114	0·65	...	...
...	30·300	−13·446	− 4	*m*	...
...	30·315	−25·270	− 5	*m*	...
...	+30·392	−13·196	0·80	46.1749	10·4
...	30·422	+59·526	− 1	...	...
*	30·461	−20·416	1·00	46.1750	10·1
...	30·550	+53·708	0·90	...	...
...	30·589	−56·385	− 2	...	...
891					
...	+30·688	−38·254	− 4	*m*	...
...	30·700	−44·733	− 5	*m*	...
...	30·717	+27·417	− 5	...	...
...	30·728	−25·581	− 4	*m*	...
...	30·881	−47·036	− 3	...	...
...	+30·909	+15·175	− 1	...	...
*	31·001	−32·723	1·00	46.1751	10·0
...	31·080	+14·023	− 2	...	...
...	31·104	+40·171	0·90	...	...
...	31·208	+34·244	− 3	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
901-960					
901				°	
...	+31·398	−17·537	− 4	*m*	...
...	31·632	− 0·520	0·80	45.1753	10·4
*	31·706	−45·796	1·40	46.1753	9·4
...	31·788	+ 3·062	0·75	...	...
*	31·815	−26·091	0·90	46.1752	10·4
...	+31·948	− 4·221	− 3	*m*	...
N	32·193	−12·331	0·70	*a*	...
...	32·486	−46·940	0·65	...	...
...	32·596	+41·269	− 4	...	...
...	32·656	+10·948	0·75	...	...
911					
...	+32·815	+19·495	− 4	...	...
...	32·851	+22·621	0·85	...	...
...	32·939	+46·899	− 3	...	...
...	33·047	−45·697	− 4	*m*	...
...	33·097	+35·382	0·65	...	...
...	+33·143	+17·146	− 5	*m*	...
...	33·158	+31·326	− 4	...	...
...	33·188	+47·247	− 4	...	...
...	33·415	− 7·419	− 5	*m*	...
...	33·454	+42·732	0·90	45.1754	10·4
921					
...	+33·475	−39·783	− 2	...	...
†	33·541	−59·889	− 2	...	...
...	33·616	+ 7·805	− 1	...	...
...	33·775	+10·475	− 1	...	...
*	34·001	− 8·924	1·20	46.1754	9·8
...	+34·037	−17·211	− 4	*m*	...
...	34·089	−40·091	0·65	...	...
S ‡	34·094	+ 4·980	3·20	45.1755	7·7
...	34·293	−15·893	− 1	...	...
†	34·650	−55·275	− 3	*m*	...
931					
...	+34·754	+41·338	− 1	...	...
...	34·939	−17·788	− 5	*m*	...
...	34·977	+16·083	− 4	...	...
...	35·089	−37·741	− 5	*m*	...
...	35·109	−14·198	− 5	*m*	...
*	+35·195	− 2·892	0·90	45.1756	10·4
...	35·426	+11·498	0·85	45.1757	10·4
...	35·464	− 9·352	− 3	*m*	...
...	35·751	−29·325	− 5	*m*	...
*	35·768	+ 6·813	1·15	45.1759	10·0
941					
...	+35·787	+24·414	− 4	...	...
...	35·915	−25·184	− 2	...	...
*	35·936	−41·943	2·50	46.1755	8·4
...	36·019	+17·979	− 5	...	...
...	36·265	−43·881	− 5	*m*	...
*	+36·330	+47·032	1·80	45.1758	9·4
...	36·399	−36·308	− 5	*m*	...
...	36·420	+41·236	− 5	...	...
...	36·551	+37·091	− 5	...	...
...	36·613	+28·218	− 5	...	...
951					
...	+36·624	−30·570	− 5	*m*	...
...	36·668	−31·555	− 5	*m*	...
*	36·683	−23·848	0·90	46.1756	10·2
...	37·078	+23·852	− 3	...	...
...	37·135	+31·472	− 1	...	...
...	+37·145	− 3·319	− 5	*m*	...
...	37·201	−41·210	− 4	*m*	...
...	37·254	+34·947	− 5	...	...
...	37·266	+37·528	− 3	...	...
...	37·313	+31·723	− 3	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
961-1020					
961				°	
...	+37·325	−35·946	− 5	*m*	...
...	37·347	+37·600	− 4	...	...
...	37·420	+47·823	0·65	...	...
...	37·562	−24·702	− 2	...	...
...	37·708	+19·809	0·75	45.1760	10·4
...	+37·941	+25·097	0·65	...	...
...	38·011	−30·284	− 4	*m*	...
...	38·019	−43·670	− 3	*m*	...
...	38·170	+30·130	− 2	...	...
...	38·177	−26·902	− 1	...	...
971					
...	+38·254	− 4·751	0·75	...	...
...	38·313	+ 1·921	− 3	...	...
...	38·493	+ 7·268	− 2	...	...
*	38·515	+11·546	1·90	45.1761	9·1
...	38·661	+50·034	− 1	...	...
...	+38·661	−47·786	− 5	*m*	...
...	38·730	+53·965	− 5	...	...
*	38·815	−33·530	3·60	46.1757	7·4
...	39·360	−16·338	− 5	*m*	...
‡	39·470	−49·117	2·80	46.1760	7·9
981					
...	+39·514	−31·050	− 4	*m*	...
†	39·559	−14·709	0·80	46.1758	10·4
...	39·702	−46·855	− 2	...	...
...	39·718	−28·055	− 2	...	...
...	39·731	− 4·303	− 4	*m*	...
...	+39·971	−13·332	0·80	46.1759	10·4
...	39·981	−41·667	− 2	...	...
...	40·087	+48·509	− 5	...	...
†	40·186	+ 9·951	− 4	...	...
...	40·203	−30·688	− 2	...	...
991					
...	+40·215	+ 4·276	− 4	...	...
...	40·220	−24·269	− 5	*m*	...
...	40·502	+18·695	− 3	...	...
...	40·674	−11·913	− 3	*m*	...
...	40·760	+ 2·625	0·90	45.1762	10·4
*	+41·030	− 1·021	1·00	45.1763	10·2
...	41·037	+54·874	− 2	...	...
...	41·206	−47·871	− 4	*m*	...
...	41·237	+23·324	− 4	...	...
†	41·238	− 0·124	− 1	*f*	...
1001					
...	+41·249	+47·295	− 4	...	...
...	41·323	+55·168	− 5	...	...
...	41·343	+19·402	− 3	...	...
...	41·394	+29·439	0·85	...	...
...	41·684	−46·546	− 2	*m*	...
...	+41·819	+56·600	− 2	...	...
...	42·161	+35·353	− 4	...	...
*	42·370	+57·777	1·10	44.1880	9·9
...	42·578	−54·543	− 5	*m*	...
...	42·958	+37·730	− 4	...	...
1011					
...	+43·047	+40·115	0·90	45.1764	10·4
...	43·118	−31·475	− 5	*m*	...
...	43·200	+28·917	− 3	...	...
...	43·339	− 4·462	− 5	*m*	...
...	43·685	+45·586	− 5	...	...
*	+43·717	−45·311	0·90	46.1763	10·4
*	43·727	+33·738	1·00	45.1765	10·4
...	43·729	+20·327	− 3	...	...
...	43·993	−36·504	− 4	*m*	...
*	44·151	+22·883	0·95	45.1766	10·4

907. 47°·47, obscured by réseau.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. -1.	C.P.D. No.	C.P.D. Mag.
1021-1080					
1021					
*	+44′294	−26′674	1·00	46°1764	10·4
...	44·345	−27·620	− 4	*m*	...
...	44·493	+46·034	− 3	...	...
...	44·501	+41·458	− 1	...	...
...	44·678	+ 1·204	0·65	...	...
...	+44·763	−17·696	0·80	46.1765	10·4
*	44·835	−46·975	1·30	46.1766	9·6
...	44·847	+20·025	− 1	...	...
...	44·868	+27·745	− 3	...	...
...	44·874	+47·620	− 4	...	...
1031					
...	+44·877	+32·647	− 5	...	...
...	44·922	− 3·536	− 5	*m*	...
...	44·927	+35·323	− 5	...	...
...	45·065	−45·779	− 1	...	...
...	45·250	−51·249	0·80	46.1767	10·4
...	+45·259	−10·725	− 2	*e*	...
...	45·355	+ 5·523	− 2	...	...
...	45·362	+27·636	− 5	...	...
*	45·419	+26·697	1·80	45.1767	9·3
...	45·604	+23·546	− 1	...	...
1041					
...	+45·670	+18·296	− 5	...	...
...	45·687	+59·382	− 1	...	...
...	45·775	+36·386	− 4	...	...
*	45·989	+56·939	2·00	44.1885	9·4
...	46·016	−57·390	0·95	46.1771	10·2
*	+46·059	+51·273	1·00	45.1768	10·0
...	46·303	−51·455	− 5	*m*	...
*	46·315	− 7·617	0·90	46.1768	10·4
...	46·429	+53·152	− 5	...	...
...	46·442	+18·600	− 4	...	...
1051					
...	+46·477	−53·340	− 5	*m*	...
...	46·483	+54·665	− 5	...	...
...	46·566	− 4·579	− 5	*m*	...
S *	46·632	−21·938	6·00	46.1770	5·4
...	46·664	−38·262	− 3	...	...
...	+46·779	−30·776	− 1	...	...
*	46·806	+32·558	1·05	45.1769	10·1
*	46·810	−40·659	1·05	46.1773	9·9
...	46·867	−33·460	0·80	46.1772	10·4
...	46·923	−15·824	0·70	...	...
1061					
S *	+47·221	−46·213	4·00	46.1774	7·4
...	47·302	− 6·082	− 2	*e*	...
...	47·402	−17·168	− 4	*m*	...
...	47·466	+41·803	0·65	...	...
...	47·498	+15·792	− 3	...	...
...	+47·531	+27·185	0·70	...	...
*	47·549	−49·691	2·40	46.1775	8·3
...	47·947	−27·736	− 3	*e*	...
...	48·030	−28·867	− 2	...	...
...	48·032	+51·235	− 3	...	...
1071					
...	+48·091	+54·592	0·70	...	...
...	48·267	−33·055	− 4	*m*	...
*	48·280	+ 7·535	0·90	45.1770	10·4
...	48·359	−22·467	− 2	...	...
...	48·483	+40·026	− 5	*m*	...
...	+48·498	+36·446	− 5	...	...
...	48·669	+39·531	− 1	...	...
...	49·101	+ 0·592	− 5	*m*	...
...	49·114	+29·638	− 2	...	...
*	49·213	+28·932	1·00	45.1772	10·2
1081-1140					
1081					
*	+49′297	−16′805	1·50	46°1776	9·4
...	49·431	+21·044	0·65	...	...
‡	49·562	+52·290	1·25	45.1771	9·8
†	49·639	− 6·139	− 5	*m*	...
‡	49·643	−30·736	1·00	46.1777	10·4
†	+49·650	+15·095	− 3	...	...
...	49·768	−40·563	− 4	*e*	...
‡	50·209	−34·993	0·90	46.1778	10·4
...	50·297	+41·757	− 3	...	...
...	50·363	+52·633	− 4	...	...
1091					
...	+50·387	− 5·538	− 5	*m*	...
...	50·670	+36·058	0·85	45.1773	10·4
...	50·697	+57·190	− 3	...	...
...	50·952	+18·516	− 4	...	...
†	50·965	+14·833	− 3	...	...
...	+51·017	−43·126	− 1	...	...
...	51·292	−29·806	− 1	...	...
* [	51·305	−21·679	1·00	46.1779	9·9
... [	51·386	−21·748	− 4	*e*	...
N ‡ [	51·403	+39·781	1·70	45.1774	9·7
1101					
...	+51·412	+17·111	0·80	...	...
...	51·458	−22·865	− 2	...	...
...	51·495	−35·484	− 5	*m*	...
...	51·620	−57·778	− 5	*m*	...
‡	51·693	+14·965	1·80	45.1775	9·1
...	+51·777	+11·035	− 4	...	...
...	51·837	+41·289	− 3	...	...
...	51·891	−15·620	− 5	*m*	...
...	51·940	+38·622	− 2	...	...
...	52·427	+ 8·374	− 4	...	...
1111					
*	+52·456	−45·252	1·00	46.1780	10·4
...	52·686	+11·303	− 5	...	...
...	52·698	+ 5·481	− 2	...	...
*	52·733	+ 0·113	1·00	45.1776	10·0
...	52·829	+ 3·034	− 4	...	...
...	+52·833	− 6·818	− 5	*m*	...
...	52·850	−36·901	− 1	...	...
*	52·910	+ 1·084	1·40	45.1777	9·7
...	53·255	+ 9·689	− 4	...	...
...	53·282	+18·383	− 4	...	...
1121					
...	+53·309	+ 7·271	0·75	...	...
...	53·334	+ 8·322	− 4	...	...
*	53·473	− 7·724	1·20	46.1781	9·6
...	53·614	−11·632	− 3	*e*	...
...	54·065	+57·650	− 3	...	...
...	+54·215	− 1·150	− 4	*m*	...
†	54·321	+29·909	0·80	...	...
...	54·464	−36·159	− 4	*e*	...
†	54·602	+16·558	− 5	...	...
†	54·602	−20·457	− 3	...	...
1131					
...	+54·655	+17·399	− 4	...	...
...	54·897	− 5·338	− 4	*m*	...
*	55·001	+ 8·527	1·80	45.1779	9·0
‡	55·012	−49·975	4·60	46.1787	6·9
...	55·057	+35·189	− 3	...	...
...	+55·124	−31·831	− 5	*m*	...
*	55·151	− 9·492	2·30	46.1783	8·8
*	55·202	+55·203	1·20	45.1778	9·9
...	55·335	+53·577	− 3	...	...
...	55·456	− 9·398	− 4	*e*	...
1141-1181					
1141					
*	+55′556	−33′274	1·70	46°1788	9·6
*	55·580	− 9·602	1·05	46.1784	9·9
*	55·623	−19·686	1·30	46.1786	9·8
*	55·710	+16·447	0·90	45.1780	10·4
*	55·793	− 7·717	1·80	46.1785	9·1
n	+55·883	+59·153	0·90	44.1899	9·0
...	55·982	+26·916	− 2	...	...
...	55·989	+ 5·756	− 3	...	...
*n**	56·023	+59·044	2·00	44.1899	9·0
...	56·195	+ 8·171	0·80	...	...
1151					
...	+56·267	−27·455	− 5	*m*	...
...	56·373	+10·812	− 3	...	...
*	56·609	−42·558	2·30	46.1789	8·5
...	56·662	+52·196	− 5	...	...
...	56·827	+13·008	− 5	...	...
...	+56·830	−17·256	− 1	...	...
...	56·836	+26·981	− 5	...	...
...	56·902	+24·645	− 5	...	...
*	57·109	+31·458	1·30	45.1781	9·8
...	57·121	+13·288	− 3	...	...
1161					
...	+57·247	−54·531	0·80	46.1790	10·4
...	57·380	+16·039	− 3	...	...
...	57·513	+37·406	− 5	...	...
...	57·712	+31·370	− 3	...	...
...	57·723	+44·526	− 5	...	...
...	+57·780	−33·751	− 5	*m*	...
S *	57·959	+46·682	3·00	45.1782	8·2
...	57·976	−49·666	− 1	...	...
...	58·022	−24·666	0·80	46.1791	10·4
...	58·106	− 3·259	− 4	*e*	...
1171					
...	+58·387	−34·188	− 5	*m*	...
...	58·442	+48·858	− 5	...	...
...	58·538	+53·827	0·85	45.1783	10·4
...	58·800	+18·477	0·70	...	...
...	58·880	−23·539	− 5	*m*	...
...	+59·027	−30·272	− 4	*e*	...
*	59·156	+10·718	1·90	45.1785	9·4
...	59·164	− 2·209	− 3	*e*	...
*	59·179	+37·828	1·30	45.1784	9·8
...	59·234	−27·019	− 4	*e*	...
1181					
...	+59·276	−35·799	− 5	*m*	...

1100. Mass. 45°·47, two stars; 46°·48, mass.
1146, 1149. C.P.D., mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. -3.	C.P.D. No.	C.P.D. Mag.
1-60					
1					
...	−59·771	+51·075	1·05	45.1768	10·0
*	59·639	+26·484	1·50	45.1767	9·3
...	59·602	+ 0·971	— 3	...	...
...	59·374	+23·333	— 4	...	...
...	59·102	−26·896	0·70	46.1764	10·4
...	−59·102	−45·546	— 1	46.1763	10·4
...	58·909	−17·916	— 1	46.1765	10·4
...	58·634	−10·924	— 4	E	...
...	58·439	+32·387	0·90	45.1769	10·1
...	58·081	+41·652	— 4	...	...
11					
*	−57·923	−47·176	1·30	46.1766	9·6
...	57·855	+54·461	— 4	...	...
...	57·742	−45·973	— 4	...	...
...	57·675	− 7·800	0·80	46.1768	10·4
...	57·559	+27·040	— 3	...	...
...	−57·371	−51·440	— 1	46.1767	10·4
...	57·234	+15·641	— 4	...	...
S *	56·926	−22·109	6·00	46.1770	5·4
...	56·811	−15·973	0·65	...	...
...	56·807	+39·392	— 5	...	...
21					
...	−56·743	− 6·217	— 3	E	...
...	56·491	−30·929	— 4	...	...
...	56·433	−57·564	0·75	46.1771	10·2
...	56·368	−38·403	— 4	...	...
...	56·329	−33·608	— 1	46.1772	10·4
...	−56·296	+52·191	1·20	45.1771	9·8
..	56·188	+ 7·409	0·80	45.1770	10·4
*	56·146	−40·804	1·05	46.1773	9·9
...	56·052	+29·528	— 5	...	...
...	55·925	+28·832	0·90	45.1772	10·2
31					
S *	−55·553	−46·350	4·00	46.1774	7·4
...	55·462	+20·947	— 3	...	...
...	55·429	−27·868	— 5	E	...
...	55·338	+57·114	— 4	...	...
...	55·296	−28·981	— 4	...	...
...	−55·171	−22·574	— 4	...	...
‡	55·112	−49·817	2·00	46.1775	8·3
...	55·074	+15·003	— 4	...	...
...	54·703	+36·008	— 2	45.1773	10·4
*	54·398	−16·873	1·30	46.1776	9·4
41					
N *	−54·077	+39·750	1·30	45.1774	9·7
...	53·734	+14·807	— 4	...	...
...	53·689	+41·255	— 5	...	...
...	53·626	−30·798	0·85	46.1777	10·4
...	53·509	+38·602	— 4	...	...
...	−53·357	+17·089	— 2	...	...
...	53·180	−40·618	— 5	E	...
‡	53·011	+14·946	1·60	45.1775	9·1
...	52·926	−35·027	0·65	46.1778	10·4
...	52·813	+11·023	— 5	...	...
51					
*	−52·251	−21·690	1·00	46.1779	9·9
...	52·155	−21·753	— 5	E	...
...	52·067	−22·872	— 3	...	...
...	51·995	−29·814	— 4	...	...
...	51·968	+57·709	— 5	...	...
...	−51·865	−43·148	— 4	...	...
...	51·703	+ 5·491	— 3	...	...
...	51·497	+ 3·055	— 5	...	...
*	51·496	+ 0·135	0·95	45.1776	10·0
*	51·352	+ 1·102	1·00	45.1777	9·7
61-120					
61					
...	−51·285	+ 9·724	— 5	...	...
...	51·162	+ 7·298	— 1	...	...
...	50·866	+29·966	— 1	...	...
...	50·765	+55·266	1·00	45.1778	9·9
*	50·510	− 7·681	1·20	46.1781	9·6
...	−50·368	−45·216	0·80	46.1780	10·4
...	50·293	+35·258	— 5	...	...
...	50·256	−11·585	— 3	E	...
...	50·234	−36·856	— 3	...	...
n	50·213	+59·255	— 2	44.1899	9·0
71					
...	−50·140	+16·615	— 5	...	...
n‡	50·068	+59·139	1·40	44.1899	9·0
*	49·497	+ 8·613	1·50	45.1779	9·0
...	49·105	+27·031	— 4	...	...
...	49·041	+16·549	0·70	45.1780	10·4
...	−48·998	−20·370	— 4	...	...
*	48·782	− 9·395	2·10	46.1783	8·8
...	48·621	−36·068	— 5	E	...
...	48·481	− 9·291	— 4	E	...
...	48·421	+ 5·877	— 4	...	...
81					
*	−48·357	− 9·490	1·00	46.1784	9·9
...	48·291	+ 8·295	0·70	...	...
*	48·199	− 7·596	1·60	46.1785	9·1
...	48·198	+10·943	— 5	...	...
*	48·116	+31·613	1·05	45.1781	9·8
*	−47·988	−19·572	1·10	46.1786	9·8
...	47·899	+44·676	— 5	...	...
S *	47·722	+46·852	2·80	45.1782	8·2
*	47·633	−33·142	1·20	46.1788	9·6
‡	47·622	−49·857	4·40	46.1787	6·9
91					
...	−47·544	+13·444	— 4	...	...
...	47·516	+31·535	— 4	...	...
...	47·384	+54·000	0·75	45.1783	10·4
...	47·354	+49·048	— 5	...	...
...	47·352	+16·190	— 4	...	...
...	−46·859	−17·101	— 2	...	...
*	46·290	−42·402	2·20	46.1789	8·5
*	46·244	+38·038	1·05	45.1784	9·8
...	46·026	− 3·089	— 5	E	...
...	46·020	+18·672	— 2	...	...
101					
...	−45·613	+49·073	0·75	45.1786	10·4
...	45·428	−24·474	0·65	46.1791	10·4
*	45·401	+10·937	1·40	45.1785	9·4
...	45·293	−54·350	0·65	46.1790	10·4
†	45·014	− 1·990	— 4	E	...
...	−44·715	−49·458	— 2	...	...
...	44·558	− 1·915	— 4	M	...
*	44·395	+ 2·110	1·00	45.1787	9·9
...	44·251	+20·467	— 3	...	...
...	44·242	−30·030	— 5	E	...
111					
...	−44·195	+ 8·292	0·65	45.1788	10·4
...	44·167	−26·766	— 5	E	...
...	43·764	− 1·671	— 4	M	...
...	43·762	+53·824	— 5	...	...
...	43·715	+13·292	— 2	...	...
...	−43·561	+15·136	— 4	...	...
†	43·450	−14·982	— 5	M	...
...	43·178	+28·593	— 4	...	...
...	43·052	+14·474	— 4	...	...
...	42·772	+28·899	— 3	...	...
121-180					
121					
...	−42·613	+ 4·813	— 4	...	...
...	42·574	−14·531	— 5	M	...
*	42·261	−22·513	2·00	46.1792	8·4
...	41·856	− 3·591	— 2	B	...
...	41·728	+18·152	— 3	...	...
...	−41·661	−11·809	— 1	46.1793	10·4
...	41·336	+27·564	— 4	...	...
...	41·295	+26·722	— 5	...	...
...	41·236	−42·478	— 5	M	...
...	41·160	+19·722	— 4	...	...
131					
...	−40·960	−55·450	— 4	...	...
...	40·893	+53·405	— 4	...	...
...	40·796	+15·882	— 5	...	...
...	40·261	−24·552	— 5	M	...
*	40·179	−26·156	1·00	46.1794	9·9
‡	−40·017	+ 3·348	0·95	45.1789	10·0
...	39·774	+22·997	— 5	...	...
S *	39·607	− 7·505	7·00	46.1795	4·3
...	39·457	+50·818	— 3	...	...
...	39·322	+ 9·055	0·80	45.1790	10·4
141					
*	−39·142	−36·581	4·60	46.1796	6·4
...	39·029	+50·014	— 3	...	...
...	38·680	− 5·683	— 5	M	...
...	38·655	−51·413	0·65	46.1797	10·4
*	38·634	− 7·735	2·00	46.1799	9·0
...	−38·622	+31·339	— 5	...	...
...	38·567	+27·028	0·70	...	...
...	38·549	+54·652	— 2	...	...
...	38·422	+54·481	— 5	...	...
...	38·415	− 2·586	— 4	M	...
151					
...	−38·393	+43·232	— 1	...	...
*	38·393	−52·510	1·50	46.1798	9·4
...	38·342	−59·333	— 2	...	...
...	38·325	+30·614	0·85	45.1791	10·2
...	38·140	−33·627	— 5	M	...
...	−38·124	−15·602	— 2	...	...
...	38·070	−42·277	— 2	...	...
...	38·035	−42·824	0·90	46.1801	9·9
...	38·026	+11·973	— 2	...	...
...	38·020	+29·755	— 1	...	...
161					
...	−37·959	−36·110	0·65	...	...
*	37·780	− 5·744	2·00	46.1803	8·8
...	37·717	− 9·004	— 3	46.1802	10·4
...	37·644	+30·632	— 5	...	...
...	37·221	+22·975	— 4	...	...
...	−36·898	− 0·914	— 4	B	...
...	36·804	+ 2·359	0·65	...	...
...	36·552	+14·829	— 3	...	...
...	36·532	+ 2·192	0·65	...	...
†	36·419	+19·876	— 4	...	...
171					
...	−36·143	−46·412	— 1	46.1804	10·4
...	36·134	−20·459	— 5	M	...
...	36·088	− 7·368	— 5	M	...
...	35·999	+58·596	— 1	44.1913	10·4
...	35·986	−47·275	0·65	46.1805	10·4
...	−35·910	+ 7·959	— 3	...	...
...	35·872	+35·639	— 4	...	...
...	35·750	+12·052	— 4	...	...
...	35·721	−27·590	— 2	...	...
...	35·317	− 0·857	0·80	45.1792	10·1

ES measured from 1, 73, 137, 222, 289, 351, 421, 497, 600, 689, 780, 856.
MC „ „ 39, 106, 183, 257, 321, 384, 458, 550, 642, 733, 812, 907.

41. Mass. 45°·47, two stars; 46°·47, mass.
70, 72. C.P.D., mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
181-240					
181	′	′		°	
… [	−35·233	−18·944	− 1	…	…
…	35·187	− 6·184	− 4	M	…
…	34·894	−32·376	− 3	…	…
…	34·824	+53·207	− 5	…	…
…	34·727	− 7·887	0·90	46.1807	10·0
…	−34·669	−21·596	− 5	M	…
…	34·498	− 8·009	− 5	M	…
…	34·455	+24·449	− 1	…	…
…	34·089	−21·425	− 4	M	…
…	33·763	+31·614	− 4	…	…
191					
…	−33·750	+28·677	− 5	…	…
*	33·682	+56·642	1·20	44.1916	9·8
*	33·318	+23·889	1·00	45.1793	9·8
…	33·294	+35·040	− 5	…	…
*	33·138	+39·669	0·95	45.1795	9·9
…	−33·129	+41·257	0·90	45.1794	10·1
…	33·117	+27·973	− 4	…	…
…	33·110	−49·274	− 5	M	…
…	32·975	+22·435	0·65	…	…
…	32·508	+ 6·716	− 3	…	…
201					
…	−32·489	+53·209	− 3	…	…
…	32·346	+55·727	− 5	…	…
…	32·332	−44·471	− 1	46.1808	10·4
…	32·244	−35·463	0·85	46.1809	10·4
…	32·224	+33·182	− 4	…	…
…	−31·896	+34·956	0·75	45.1797	10·0
…	31·833	+32·430	− 2	45.1796	10·4
…	31·830	−18·967	− 4	M	…
…	31·817	+27·574	− 5	…	…
…	31·772	−17·592	− 4	M	…
211					
…	−31·668	−56·517	− 2	…	…
…	31·417	− 0·349	− 4	M	…
…	31·398	−29·064	− 5	M	…
*	31·127	+49·759	1·00	45.1798	9·8
…	30·982	−41·358	− 3	…	…
…	−30·878	+11·807	− 4	…	…
…	30·555	−44·323	− 4	…	…
…	30·525	+59·480	− 5	…	…
…	30·392	+ 1·335	0·65	…	…
…	30·282	−15·201	− 4	M	…
221					
†	−30·101	+34·085	− 3	…	…
…	29·904	−39·029	− 1	46.1810	10·4
…	29·664	−41·069	0·70	46.1811	10·4
…	29·652	− 1·145	− 5	M	…
…	29·590	+11·092	− 5	…	…
…	−29·514	− 7·445	− 5	M	…
…	29·239	− 0·928	− 2	…	…
‡	28·814	+59·761	1·05	44.1921	9·8
…	28·801	+33·158	0·95	45.1800	9·8
*	28·750	+11·224	1·00	45.1799	9·8
231					
…	−28·731	+ 2·455	0·75	45.1801	10·2
*	28·436	+51·305	1·05	45.1802	9·7
…	28·320	+21·971	− 5	…	…
…	28·222	−30·907	− 1	46.1812	10·4
…	27·930	+25·980	− 5	…	…
…	−27·705	+ 5·604	0·80	45.1803	10·2
…	27·565	−49·309	− 5	…	…
…	27·447	+14·453	− 4	…	…
…	27·435	+ 0·781	0·70	…	…
…	27·363	+41·555	− 1	…	…

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
241-300					
241	′	′		°	
…	−27·295	−16·938	− 5	M	…
…	27·210	+46·159	− 4	…	…
n	26·862	−50·136	− 2	46.1813	10·4
…	26·847	−44·338	− 1	…	…
n	26·733	−50·009	− 4	46.1813	10·4
…	−26·694	+25·929	− 5	…	…
…	26·531	+ 3·888	0·70	45.1804	10·4
…	26·531	−27·442	− 2	…	…
…	26·437	−19·544	− 4	M	…
…	26·279	+38·049	− 3	…	…
251					
…	−26·105	−13·307	− 4	M	…
†	26·039	+54·756	− 4	…	…
…	25·958	− 4·036	− 4	M	…
…	25·939	+17·245	− 2	…	…
…	25·549	−56·005	− 4	…	…
…	−25·528	+59·650	− 5	…	…
†	24·887	−34·973	0·85	46.1814	10·1
…	24·394	−56·923	0·95	46.1815	10·1
…	24·268	+52·479	− 3	…	…
…	24·195	+47·327	0·90	45.1805	10·1
261					
…	−23·966	− 2·433	− 5	M	…
*	23·880	− 4·368	2·10	46.1817	8·3
…	23·511	−46·530	− 2	…	…
…	23·420	+11·182	− 2	…	…
…	23·406	−11·807	− 3	M	…
*	−23·307	+38·455	1·20	45.1806	9·6
…	23·071	−47·808	− 2	…	…
…	23·062	−49·238	− 2	…	…
‡	23·049	−30·002	1·00	46.1818	9·7
…	22·985	− 7·302	0·80	46.1819	10·2
271					
[	−22·931	+55·174	− 1	45.1807	10·4
…	22·558	+12·074	− 5	…	…
…	22·507	+49·003	− 5	…	…
*	22·334	−36·938	2·80	46.1820	8·0
…	22·204	+ 1·116	− 3	…	…
…	−21·967	+38·718	− 5	…	…
…	21·894	+51·985	− 2	…	…
…	21·803	−20·224	− 3	…	…
…	21·770	+46·629	− 2	…	…
*	21·317	−16·615	0·95	46.1821	9·9
281					
…	−21·119	−16·501	− 4	M	…
…	20·980	−40·920	− 5	M	…
…	20·814	−33·871	− 5	M	…
*	20·752	+ 7·083	1·50	45.1808	9·4
…	20·654	−22·998	− 1	46.1822	10·4
…	−20·317	+32·719	− 5	…	…
…	20·201	+ 4·636	− 3	…	…
†	20·112	+15·452	− 4	…	…
…	19·960	−21·563	− 4	…	…
…	19·929	+45·573	− 4	…	…
291					
*	−19·634	+32·896	1·30	45.1809	9·4
…	19·588	+54·019	0·65	45.1810	10·4
…	19·438	+24·764	− 3	…	…
…	19·216	+27·876	− 5	…	…
…	19·059	+ 0·429	− 4	…	…
…	−18·683	+38·910	0·80	45.1811	10·2
*	18·391	+57·869	1·40	44.1937	9·4
…	18·218	−42·357	− 3	…	…
…	18·217	−23·557	− 4	M	…
*	18·048	−57·651	3·80	46.1823	7·2

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
301-360					
301	′	′		°	
…	−17·840	−29·721	− 5	M	…
…	17·805	+ 0·780	− 5	…	…
…	17·571	−39·121	0·80	46.1824	10·1
…	17·544	−36·618	− 2	46.1825	10·4
…	17·436	+16·212	− 2	…	…
…	−17·373	+38·322	− 5	…	…
…	17·350	+44·130	− 3	45.1812	10·4
…	17·277	+10·139	− 5	…	…
…	17·243	−39·213	− 5	M	…
S *	17·083	−26·836	2·00	46.1826	8·6
311					
…	−16·596	− 0·942	− 2	…	…
…	16·519	+39·706	− 3	…	…
…	16·353	−18·543	− 4	M	…
…	16·261	+25·551	0·90	45.1813	10·1
…	16·211	−32·943	− 2	46.1827	10·4
*	−16·064	+31·230	0·90	45.1814	10·0
…	15·853	+ 7·070	− 5	…	…
…	15·564	+ 1·533	− 4	…	…
…	15·206	+11·927	− 1	…	…
*	15·203	−50·372	1·30	46.1828	9·6
321					
‡	−15·017	+51·094	1·30	45.1815	9·3
*	14·875	−38·647	1·00	46.1829	9·7
…	14·847	−55·038	− 3	…	…
…	14·806	−17·379	− 2	…	…
…	14·762	+45·144	− 1	…	…
…	−14·238	+16·415	− 4	…	…
…	13·771	+49·107	− 1	45.1816	10·4
…	13·691	+52·889	− 2	…	…
…	13·605	+30·455	− 1	45.1817	10·4
*	13·442	+17·267	1·50	45.1818	9·2
331					
…	−13·223	+ 8·514	0·90	45.1819	10·2
…	12·909	+24·999	− 5	…	…
…	12·849	−23·847	− 3	…	…
…	12·816	+53·523	− 5	…	…
…	12·695	+51·858	− 2	…	…
*	−12·137	−21·260	1·40	46.1830	9·4
*	12·117	−59·698	1·40	46.1831	9·2
…	11·792	−30·085	− 4	M	…
…	11·779	− 7·726	− 5	M	…
…	11·657	− 7·896	− 3	…	…
341					
…	−11·638	+33·058	− 4	…	…
…	11·470	−23·081	− 4	M	…
…	11·448	−36·470	0·85	46.1832	10·4
…	11·251	+15·822	− 4	…	…
…	10·872	+ 1·063	− 1	45.1820	10·4
…	−10·802	− 5·421	− 1	…	…
…	10·766	−26·982	− 2	…	…
…	10·657	+40·622	0·65	45.1821	10·4
…	10·203	−23·498	− 5	M	…
…	10·203	−24·420	− 5	M	…
351					
‡	−10·061	+26·475	1·00	45.1822	9·8
…	9·979	− 0·623	− 1	45.1823	10·4
*	9·966	−47·225	1·05	46.1833	9·7
…	9·804	+26·969	− 5	…	…
…	9·768	−10·098	− 5	M	…
…	− 9·710	− 1·298	− 3	B	…
*	9·581	−15·702	1·00	46.1834	9·8
…	9·579	−29·014	− 5	M	…
…	9·570	+31·734	0·65	…	…
…	9·397	− 1·201	− 3	B	…

243, 245. C.P.D., probably mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3	C.P.D. No.	C.P.D. Mag.
361–420					
361					
...	− 9·247	+ 3·845	− 4	...	...
*	9·074	+31·377	1·80	45.1824	9·0
...	8·968	+50·175	0·70	45.1825	10·4
...	8·834	−58·104	0·65	46.1835	10·4
*	8·813	+44·992	1·15	45.1826	9·3
...	− 8·458	−27·033	0·85	46.1836	10·2
...	8·297	+55·922	− 1	45.1827	10·4
...	8·020	+ 1·544	− 1	45.1828	10·4
...	7·778	−38·371	− 3	...	...
...	7·735	−43·225	− 2	...	...
371					
...	− 7·606	−11·922	− 5	M *m*	...
...	7·594	−38·010	− 5	M *m*	...
...	6·704	+22·195	− 2	...	...
...	6·700	+51·838	− 1	...	...
*	6·441	−49·446	0·95	46.1837	9·8
...	− 6·436	+17·205	− 5	...	...
...	6·385	−52·485	− 4	M	...
...	6·196	+58·938	− 1	...	...
S *	5·902	−58·204	1·80	46.1838	8·8
...	5·857	+42·563	− 1	...	...
381					
...	− 5·685	−52·933	− 3	...	...
...	5·223	+43·482	0·75	45.1829	10·4
‡	5·206	−12·954	1·90	46.1839	8·9
...	4·827	+57·055	− 4	...	...
...	4·483	−45·290	− 4	...	...
...	− 4·440	−43·460	− 3	...	...
...	4·374	−24·251	− 4	M *m*	...
...	4·188	−55·215	− 3	...	...
...	4·006	−33·152	− 5	M *m*	...
...	3·756	− 1·840	− 3	*m*	...
391					
...	− 3·710	−32·780	− 4	M *m*	...
*	3·310	+16·380	1·40	45.1830	9·4
...	3·184	+13·340	− 4	...	...
*	3·083	− 7·940	1·00	46.1840	9·7
...	3·039	−48·722	− 2	46.1841	10·4
...	− 2·985	+11·459	− 3	...	...
...	2·741	+ 0·925	− 5	*m*	...
...	2·631	− 8·475	− 3	46.1842	10·4
...	2·468	−25·678	− 4	...	...
...	2·360	−59·119	− 3	*m*	...
401					
*	− 2·238	+29·190	1·00	45.1831	9·6
...	2·237	+32·818	− 3	...	...
*	2·225	−57·415	1·00	46.1843	10·1
...	1·900	−46·125	− 4	M	...
*	1·760	+55·387	1·00	45.1832	9·7
...	− 1·555	−23·288	− 3	...	...
...	1·504	+27·673	− 2	...	...
...	1·462	−20·682	0·90	46.1844	10·2
...	1·366	−12·980	− 1	46.1845	10·4
...	1·294	+14·768	− 1	45.1833	10·4
411					
...	− 1·281	+28·805	− 2	45.1834	10·4
...	1·079	+ 6·342	− 5	...	...
...	1·064	+52·013	− 1	...	...
...	0·982	+ 4·801	− 4	...	...
...	0·926	+ 9·641	0·95	45.1836	10·0
S *	− 0·895	+18·538	1·50	45.1835	9·1
...	0·756	−18·124	− 1	...	...
*	0·644	+ 8·177	0·95	45.1837	10·0
...	0·414	−21·306	− 4	46.1846	10·4
†	− 0·133	−23·050	− 3	...	...
421–480					
421					
...	+ 0·068	+52·864	− 1	45.1838	10·4
...	0·248	+41·790	− 5	...	...
...	0·384	−20·757	0·80	46.1847	10·2
...	0·490	+33·267	− 5	...	...
...	0·583	+56·910	0·85	44.1967	10·0
...	+ 0·806	−40·016	0·65	46.1848	10·4
...	1·077	−13·728	0·70	46.1849	10·2
...	1·108	+58·449	0·80	44.1968	10·2
...	1·177	− 1·284	− 4	M *m*	...
*	1·226	−26·225	1·05	46.1850	9·9
431					
...	+ 1·334	+59·022	− 2	...	...
...	1·378	−48·732	0·85	46.1851	10·2
...	1·381	+53·777	0·70	45.1839	10·4
*	1·539	−26·314	1·60	46.1852	9·3
...	1·577	+51·874	0·75	45.1840	10·2
...	+ 1·609	− 8·132	0·75	46.1853	10·2
*	2·081	+ 1·195	1·15	45.1842	9·8
...	2·138	−40·056	− 5	M *m*	...
...	2·220	+39·767	− 5	...	...
...	2·269	+53·520	0·80	45.1841	10·2
441					
...	+ 2·334	+30·061	0·70	45.1843	10·4
...	2·339	+14·375	0·80	45.1844	10·2
...	2·805	+35·022	− 5	...	...
*	3·007	−29·786	0·95	46.1854	9·8
...	3·025	+ 0·464	− 5	M	...
...	+ 3·064	+ 8·504	− 4	...	...
...	3·173	+ 6·224	− 4	...	...
...	3·362	+41·734	0·75	45.1845	10·4
...	3·384	−28·509	− 5	M *m*	...
...	3·448	−19·615	0·70	46.1855	10·2
451					
†	+ 3·549	+49·893	0·90	45.1846	10·0
...	3·726	−57·849	0·85	46.1856	10·2
*	3·989	−42·291	1·80	46.1858	9·0
...	4·310	−46·634	0·85	46.1859	10·2
...	4·416	−38·322	− 4	M *m*	...
...	+ 4·543	+48·374	− 4	...	...
†	4·868	−55·734	0·90	46.1860	9·9
†	4·891	+35·831	− 5	...	...
†	4·908	+40·295	0·80	45.1847	10·2
...	4·910	+57·334	− 2	...	...
461					
...	+ 5·174	+42·337	− 5	...	...
...	5·240	+18·517	− 4	...	...
...	5·364	−49·449	− 4	M	...
...	5·482	− 5·853	− 1	M	...
...	5·584	+15·151	− 4	...	...
†	+ 5·844	+54·816	− 4	...	...
...	5·876	−17·224	0·90	46.1861	10·1
*	6·038	+53·559	1·00	45.1848	10·0
...	6·071	−45·356	− 3	...	...
...	6·145	−45·005	− 4	M	...
471					
...	+ 6·237	−57·883	− 3	...	...
...	6·480	− 7·718	− 4	M *m*	...
...	6·557	+42·943	0·85	45.1849	10·2
...	6·788	−31·245	0·75	46.1862	10·2
...	6·874	−23·169	− 3	M	...
...	+ 6·888	+37·277	− 1	...	...
...	6·925	−24·571	− 5	M *m*	...
...	7·169	−19·103	− 1	46.1863	10·4
...	7·263	+26·016	− 1	45.1850	10·4
*	7·445	+18·163	2·20	45.1851	8·4
481–540					
481					
...	+ 7·541	+44·220	− 3	...	...
...	7·655	−46·862	− 3	M	...
...	7·690	+39·652	− 4	...	...
...	7·947	−36·353	− 3	M	...
...	8·058	−52·603	− 4	M	...
...	+ 8·112	+52·081	− 4	...	...
*	8·412	+53·561	1·30	45.1852	9·1
...	8·654	−13·971	0·75	46.1864	10·2
...	8·730	+50·662	− 5	...	...
...	8·744	+32·079	− 4	...	...
491					
*	+ 8·772	+ 3·041	1·00	45.1855	9·9
*	8·794	−10·810	1·00	46.1865	9·7
f	8·856	+ 0·054	0·80	45.1853	10·2
...	9·056	+35·738	− 2	45.1854	10·4
*	9·104	+37·135	2·10	45.1856	8·5
...	+ 9·314	+11·210	− 5	...	...
*	9·949	−19·124	1·40	46.1866	9·3
...	9·991	+ 6·768	− 3	...	...
...	10·030	−50·290	− 5	...	...
...	10·115	+55·694	− 5	...	...
501					
...	+10·134	+30·889	− 4	...	...
...	10·307	+30·090	− 3	...	...
...	10·351	−36·991	0·90	46.1868	10·2
...	10·407	−34·813	0·70	46.1869	10·4
...	10·596	+41·539	0·90	45.1857	10·0
*	+10·622	−45·460	1·00	46.1870	10·0
...	10·633	+56·291	0·65	44.1983	10·4
S *	10·702	+58·100	2·40	44.1985	8·1
...	10·772	−39·161	− 3	...	...
...	10·793	+49·039	− 3	...	...
511					
...	+10·876	+27·591	− 2	...	...
...	10·987	−41·849	− 5	*m*	...
...	11·123	+33·798	− 3	...	...
...	11·244	−55·239	− 5	*m*	...
...	11·515	−30·263	− 5	...	...
...	+11·524	−22·706	− 3	...	...
...	11·747	−22·719	− 5	*m*	...
...	11·771	− 5·865	− 5	*m*	...
...	11·796	−10·343	− 1	...	...
...	11·857	−48·709	− 3	...	...
521					
*	+11·906	+15·566	1·70	45.1858	9·3
...	11·909	−48·355	− 5	...	...
†	11·953	+34·917	− 2	...	...
...	12·285	−48·368	− 3	46.1871	10·4
...	12·326	−24·259	− 4	...	...
...	+12·397	+18·084	− 5	...	...
*	12·511	−48·082	1·10	46.1872	9·7
...	12·646	−16·991	− 1	46.1873	10·4
...	12·677	− 4·026	− 4	*m*	...
...	12·710	+25·114	0·70	45.1859	10·4
531					
...	+12·797	+ 7·619	− 2	...	...
*	12·917	−34·565	1·15	46.1874	9·6
...	12·998	−25·674	− 5	*m*	...
...	13·018	− 9·884	− 5	*m*	...
...	13·042	− 3·852	− 5	*m*	...
...	+13·192	+ 4·824	0·80	45.1860	10·1
...	13·298	− 6·731	− 5	*m*	...
...	13·371	+17·521	− 5	...	...
...	13·565	−15·321	− 5	*m*	...
...	13·640	−25·471	− 5	*m*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
541–600					
541					
*	+13·741	−31·419	1·10	46.1875	9·7
...	13·920	+29·241	− 3	...	...
...	14·075	−15·175	− 5	*m*	...
...	14·139	−46·472	− 5	...	...
...	14·166	+ 3·197	− 5	...	...
...	+14·175	+47·966	− 5	...	...
...	14·335	−20·379	− 4	...	...
...	14·607	+13·839	− 5	...	...
...	14·708	−26·692	− 4	...	...
†	14·863	+11·860	− 4	...	...
551					
...	+14·995	+27·955	0·65	45.1861	10·4
...	15·352	−46·438	− 4	...	...
...	15·568	− 2·910	− 2	45.1862	10·4
...	15·589	−49·274	0·70	46.1877	10·2
†	15·603	+24·869	− 5	...	...
...	+15·618	−42·147	− 4	*m*	...
...	15·668	+14·343	− 4	...	...
...	16·343	−35·182	− 4	...	...
...	16·433	+21·295	− 4	...	...
...	16·492	+48·070	− 4	...	...
561					
*	+16·565	+ 2·117	0·95	45.1863	10·0
...	16·600	−23·771	− 5	*m*	...
*	16·627	−47·305	1·70	46.1878	9·1
...	16·901	+16·810	0·65	...	...
...	17·068	−21·186	− 3	...	...
*	+17·118	−24·168	1·00	46.1879	9·7
...	17·252	+11·306	− 5	...	...
...	17·302	+59·520	− 3	...	...
...	17·365	− 1·017	0·80	45.1864	10·1
...	17·875	−46·097	− 4	...	...
571					
...	+17·909	+32·859	− 2	...	...
...	17·999	+ 9·164	− 5	...	...
*	18·073	+35·947	3·10	45.1866	7·5
*	18·128	+51·696	1·10	45.1865	9·8
...	18·156	+41·570	− 1	...	...
...	+18·161	+18·517	− 3	...	...
...	18·215	−15·437	− 5	...	...
...	18·325	+ 8·155	− 4	...	...
...	18·377	−58·276	− 5	...	...
...	18·469	−19·105	− 3	46.1880	10·4
581					
...	+18·476	+12·106	− 5	...	...
*	18·659	+ 4·183	0·95	45.1867	10·0
...	18·761	+33·899	− 5	...	...
...	18·779	−38·279	− 3	...	...
...	18·814	−47·621	0·70	46.1881	10·2
...	+18·846	+29·170	− 3	...	...
...	18·846	+11·822	− 4	...	...
...	19·029	−37·860	− 4	...	...
...	19·073	−52·857	0·90	46.1883	10·2
...	19·086	+48·096	− 5	...	...
591					
...	+19·147	+ 4·574	− 5	...	...
...	19·171	−13·022	− 5	*m*	...
...	19·331	−23·421	− 1	46.1882	10·4
...	19·394	+ 6·070	− 3	...	...
...	19·517	+36·854	− 3	...	...
...	+19·559	+11·398	− 5	...	...
...	19·570	+19·266	− 4	...	...
...	19·607	−53·440	− 1	46.1886	10·4
...	19·745	−10·997	0·80	46.1884	10·2
...	19·987	− 9·062	0·70	46.1885	10·4
601–660					
601					
...	+20·089	−15·178	− 4	...	...
...	20·148	−34·300	0·85	46.1887	10·0
...	20·242	−58·390	− 1	46.1888	10·4
...	20·253	− 0·163	0·80	45.1868	10·4
...	20·396	+12·081	− 3	...	...
...	+20·716	−42·758	0·65	...	...
...	21·120	−40·469	− 5	*m*	...
*	21·321	−25·600	1·15	46.1889	9·7
...	21·376	+42·027	− 4	...	...
...	21·585	−45·594	− 5	*m*	...
611					
...	+21·612	−45·548	−5	*m*	...
...	21·832	+47·559	0·95	45.1869	10·0
...	22·061	+33·660	0·75	45.1870	10·4
*	22·108	+57·720	1·30	44.2009	9·6
...	22·252	− 1·260	0·80	45.1871	10·4
...	+22·282	+43·084	− 3	...	...
...	22·404	+26·619	− 4	...	...
...	22·471	−11·511	− 5	*m*	...
...	22·609	−16·846	− 4	...	...
...	22·648	+ 7·275	− 1	...	...
621					
...	+22·664	−18·823	0·75	46.1890	10·4
...	22·679	+25·887	− 2	...	...
...	22·680	−45·197	− 1	...	...
...	22·910	+35·913	− 4	...	...
...	22·946	+ 0·458	− 3	...	...
...	+23·130	+57·646	0·95	44.2011	10·1
...	23·271	+13·394	− 5	...	...
*	23·345	−29·086	1·00	46.1892	9·9
...	23·355	+ 6·674	− 5	...	...
*	23·376	−18·544	1·70	46.1891	9·2
631					
...	+23·506	−49·591	− 3	...	...
...	23·645	+28·800	0·90	45.1872	10·2
...	23·723	−34·846	− 4	...	...
...	23·842	+13·976	0·90	45.1873	10·2
...	23·948	−45·644	− 3	...	...
...	+24·201	−42·910	− 5	*m*	...
...	24·251	−13·898	0·70	46.1893	10·4
...	24·318	+14·527	− 4	...	...
...	24·412	+11·470	− 2	...	...
S *	24·544	−24·119	1·80	46.1894	8·6
641					
‡	+24·774	−31·916	0·95	46.1896	10·0
...	24·899	−56·733	− 4	...	...
...	25·058	−39·439	− 1	46.1899	10·4
*	25·063	−33·295	0·95	46.1897	10·0
...	25·064	+42·312	− 5	...	...
...	+25·159	+ 8·997	− 5	...	...
...	25·279	−43·388	− 1	46.1900	10·4
...	25·456	−37·327	− 2	46.1901	10·4
...	25·517	+48·604	− 1	...	...
...	25·524	+42·771	− 5	...	..
651					
...	+25·557	−40·930	− 1	46.1904	10·4
...	25·629	−24·692	− 2	...	...
...	25·632	+36·760	− 5	...	...
...	25·767	−19·629	0·80	46.1902	10·0
...	25·804	+20·746	− 5	...	...
...	+25·873	−24·625	− 2	46.1905	10·4
*	25·896	+35·213	1·20	45.1874	9·6
...	25·961	−14·374	− 4	...	...
*	26·006	− 7·981	1·30	46.1903	9·6
...	26·062	+16·723	0·85	45.1876	10·4
661–720					
661					
...	+26·220	+40·831	− 3	...	...
...	26·234	−59·339	− 1	46.1907	10·4
...	26·405	+50·768	0·95	45.1875	10·0
*	26·417	−52·353	1·00	46.1908	10·0
...	26·423	−22·272	− 5	*m*	...
...	+26·704	−23·082	− 4	*m*	...
...	26·772	+20·954	− 1	...	...
...	26·772	−44·272	− 3	...	...
...	26·891	+51·817	− 4	...	...
...	26·931	−27·665	− 5	*m*	...
671					
...	+27·083	+23·880	− 5	...	...
...	27·125	+52·836	− 1	45.1877	10·4
...	27·546	−57·071	− 3	...	...
...	27·597	+32·686	− 3	...	...
...	27·804	−47·232	0·85	46.1909	10·2
...	+28·086	−32·136	0·80	46.1910	10·4
...	28·206	−56·792	− 5	...	...
...	28·308	−19·345	− 4	...	...
...	28·386	+56·944	− 5	...	...
...	28·468	− 2·631	− 1	...	...
681					
S *	+28·592	+17·043	3·60	45.1879	7·5
...	28·686	− 3·498	− 4	*m*	...
*	28·725	−36·547	1·10	46.1911	9·7
*	28·910	+44·955	1·00	45.1878	10·0
...	29·167	−42·017	0·70	46.1912	10·4
...	+29·244	+54·963	− 3	...	...
N [	29·550	−50·324	− 2	46.1913	10·2
...	29·628	− 5·502	− 5	*m*	...
...	29·917	+17·303	0·90	45.1880	10·2
...	30·018	+ 5·754	− 4	...	...
691					
...	+30·101	+37·491	− 3	...	...
*	30·113	−46·087	1·15	46.1914	9·7
*	30·123	− 1·807	1·00	45.1881	10·0
...	30·176	+56·106	− 5	...	...
...	30·218	−39·320	− 3	...	...
...	+30·515	−57·461	− 4	...	...
...	30·756	+58·564	− 4	...	...
...	30·764	+38·570	− 5	...	...
...	30·961	−26·982	− 4	...	...
...	31·220	−14·817	0·70	46.1915	10·4
701					
...	+31·252	+10·654	− 3	...	...
...	31·456	+19·062	− 5	...	...
...	31·462	+54·488	0·65	45.1882	10·4
...	31·646	− 6·359	− 5	*m*	...
...	31·872	+46·207	− 2	45.1883	10·4
...	+32·007	−18·098	− 1	...	...
...	32·113	+25·353	0·90	45.1884	10·0
...	32·147	+ 6·434	− 3	...	...
...	32·374	+50·650	− 5	...	...
...	32·579	−13·345	− 5	*m*	...
711					
...	+32·616	+28·512	− 4	...	...
...	32·988	−25·120	0·65	46.1917	10·4
...	33·076	−46·332	− 5	*m*	...
*	33·080	−50·607	1·05	46.1918	9·9
...	33·146	+48·821	− 2	45.1885	10·4
...	+33·159	+28·085	0·90	45.1886	10·1
...	33·164	+ 3·706	− 5	...	...
...	33·307	+26·039	− 5	...	...
...	33·334	−58·036	− 3	...	...
...	33·597	+22·040	0·90	45.1887	9·9

687. Mass. 47°·48, two stars.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. -3.	C.P.D. No.	C.P.D. Mag.
721-780					
721					
...	+33·622	− 7·201	− 5	...	...
...	33·624	−28·354	− 4	...	...
...	33·700	+ 1·505	− 3	...	...
...	33·960	−27·259	− 3	...	...
...	33·964	−46·564	− 1	...	...
...	+34·051	+32·816	− 3	...	...
*	34·295	+45·611	1·25	45.1888	9·7
...	34·300	−27·515	− 5	...	...
...	34·391	+11·430	− 3	...	...
*	34·480	+ 0·855	1·15	45.1890	9·7
731					
*	+34·620	−36·940	1·05	46.1920	9·7
‡	34·753	−32·491	1·10	46.1921	9·7
*	34·821	+37·148	0·90	45.1889	10·1
...	34·838	+56·792	− 5	...	...
...	34·869	−24·531	− 1	46.1919	10·4
...	+34·954	+39·297	− 5	...	...
...	34·957	+11·553	− 4	...	...
...	35·431	+42·198	− 3	...	...
...	35·572	−54·356	− 5	...	...
...	35·865	+51·019	0·75	45.1891	10·4
741					
...	+35·874	−20·799	− 3	...	...
...	35·896	+ 8·181	0·90	45.1892	10·2
...	36·077	+ 8·629	0·90	45.1893	10·2
...	36·194	−48·984	− 5	*m*	...
...	36·324	−15·481	− 4	...	...
*	+36·368	−56·960	1·40	46.1922	9·7
...	36·421	−49·230	− 4	...	...
...	36·710	−10·553	− 4	...	...
...	36·749	−20·909	− 5	*m*	...
...	37·028	+45·907	− 4	...	...
751					
*	+37·029	+39·112	1·00	45.1894	9·8
...	37·195	−16·770	− 5	*m*	...
*	37·356	+54·122	1·20	45.1895	9·8
...	37·383	+11·534	− 3	...	...
...	37·483	−10·531	− 1	46.1923	10·4
*	+37·520	−12·765	1·70	46.1924	9·0
*	37·621	+24·311	1·00	45.1896	10·0
...	37·824	−52·194	− 2	46.1926	10·4
...	37·884	−47·153	0·95	46.1925	9·9
...	38·112	−54·443	− 4	...	...
761					
...	+38·131	−43·466	− 5	...	...
...	38·188	− 5·265	− 5	*m*	...
...	38·412	−10·446	− 5	*m*	...
...	38·447	+40·027	− 5	...	...
...	38·499	+36·870	− 4	...	...
...	+38·592	−14·371	− 5	*m*	...
*	38·738	+13·085	2·10	45.1897	8·3
...	38·913	− 9·062	− 4	*m*	...
...	39·002	−29·280	− 5	*m*	...
...	39·082	+30·781	− 5	...	...
771					
...	+39·230	−18·968	− 4	...	...
...	39·307	−22·609	− 5	*m*	...
...	39·380	+ 8·145	− 4	...	...
...	39·382	− 5·141	0·80	46.1927	10·4
...	39·392	+26·525	− 5	...	...
...	+39·425	+30·787	− 5	...	...
...	39·474	+11·189	0·90	45.1898	10·1
†	39·525	−49·898	− 5	...	...
†	39·701	−59·821	− 4	...	...
...	39·842	+45·228	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. -3.	C.P.D. No.	C.P.D. Mag.
781-840					
781					
...	+40·048	−32·206	0·85	46.1928	10·2
...	40·411	+30·510	− 5	...	...
...	40·597	−55·284	− 1	46.1930	10·4
...	40·721	−24·597	− 1	...	...
...	40·953	−20·483	0·70	46.1929	10·4
...	+41·186	+ 3·649	0·85	45.1901	10·2
...	41·216	+31·669	− 5	...	...
...	41·275	+16·583	0·90	45.1900	10·2
...	41·410	−37·062	− 3	*a*	...
*	41·487	−41·112	1·15	46.1931	9·9
791					
*	+41·668	+54·292	1·15	45.1899	9·8
†	42·015	+49·813	0·75	45.1902	10·4
...	42·120	+35·974	0·85	45.1903	10·2
...	42·329	−20·193	0·75	46.1932	10·2
...	42·379	−20·747	0·65	...	...
...	+42·462	−32·381	0·80	46.1933	10·4
...	42·586	+12·820	− 4	...	...
...	42·591	−14·607	0·80	46.1934	10·2
*	42·596	+41·758	2·00	45.1904	8·8
*	43·245	+23·577	1·05	45.1905	9·9
801					
...	+43·318	+18·250	− 3	...	...
...	43·384	− 0·526	− 2	45.1906	10·4
S *	43·496	−50·087	1·80	46.1938	8·8
*	43·539	−18·632	1·30	46.1935	9·4
...	43·619	+ 0·467	0·65	45.1908	10·4
...	+43·882	−17·619	0·75	46.1936	10·4
*	44·092	−19·511	0·95	46.1937	9·9
...	44·233	+29·588	− 2	...	...
...	44·313	+46·180	0·80	45.1907	10·4
...	44·544	−16·177	− 5	*e*	...
811					
...	+44·638	+ 8·955	− 5	...	...
...	44·824	− 9·381	− 4	*e*	...
...	45·106	−54·009	1·00	46.1940	10·0
...	45·154	+20·143	− 1	45.1909	10·4
*	45·568	− 3·720	3·00	45.1912	7·2
...	+45·639	− 7·712	− 5	*e*	...
...	45·641	−23·136	0·80	46.1939	10·2
*	46·028	+15·457	1·20	45.1913	9·4
...	46·030	+33·021	− 4	...	...
*	46·127	+44·661	1·30	45.1910	9·6
821					
*	+46·134	+25·745	1·20	45.1911	9·6
...	46·171	−53·213	− 2	46.1941	10·4
...	46·193	+22·694	− 5	...	...
*	46·231	− 0·776	1·00	45.1915	9·8
...	46·364	−34·126	− 2	...	...
...	+46·454	+45·307	− 4	...	...
*	46·568	+31·724	1·20	45.1914	9·6
...	46·580	+40·348	− 4	...	...
...	46·751	−34·309	− 4	*m*	...
...	46·803	−38·159	0·85	46.1942	10·0
831					
...	+46·818	− 7·421	− 5	*e*	...
...	46·837	−51·721	0·65	46.1944	10·4
...	46·882	−22·676	− 4	...	...
...	46·935	−21·041	− 4	*e*	...
...	46·940	−13·416	− 4	...	...
...	+46·955	+35·805	− 4	...	...
...	47·054	−19·661	− 5	*m*	...
...	47·174	+30·901	− 3	...	...
S *	47·256	−19·733	2·90	46.1943	7·6
...	47·279	− 3·795	− 3	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. -3.	C.P.D. No.	C.P.D. Mag.
841-900					
841					
...	+47·713	−37·614	− 5	...	...
...	47·809	+14·861	− 3	...	...
...	47·811	−35·215	− 3	...	...
...	47·851	+53·923	− 4	...	...
...	47·900	−12·349	− 1	46.1945	10·4
*	+47·947	−29·463	0·95	46.1946	9·7
...	48·442	− 1·717	− 5	*e*	...
‡	48·620	+14·915	1·50	45.1916	9·0
‡	48·792	− 2·695	1·80	45.1918	8·8
...	48·814	−16·107	− 3	...	...
851					
...	+48·879	−29·796	− 4	...	...
...	49·214	−14·114	0·65	...	...
...	49·235	+41·602	− 2	45.1917	10·4
...	49·333	−50·981	− 5	...	...
...	49·585	+ 1·185	− 3	...	...
S ‡	+49·779	+41·164	3·60	45.1919	7·4
...	49·980	−20·092	− 2	...	...
...	50·052	−10·260	0·75	46.1947	10·1
*	50·070	−29·734	1·00	46.1948	9·8
...	50·073	+ 6·752	− 5	...	...
861					
...	+50·084	+49·294	0·90	45.1920	10·1
...	50·208	−28·832	− 2	...	...
...	50·215	+20·563	− 3	...	...
...	50·301	+35·589	− 2	...	...
...	50·477	−52·984	0·70	46.1949	10·4
...	+50·734	+59·683	0·65	44.2050	10·1
...	50·832	+ 7·478	0·90	45.1921	9·9
...	50·967	+37·127	− 3	...	...
...	51·015	−45·096	− 2	...	...
...	51·195	−20·628	− 4	...	...
871					
...	+51·200	− 3·084	− 3	...	...
...	51·219	−23·581	0·90	46.1950	9·9
...	51·244	−10·700	0·65	...	...
*	51·266	+ 9·644	1·80	45.1922	9·1
...	51·554	+30·787	− 4	...	...
...	+51·641	+18·483	− 5	...	...
...	51·721	+19·428	0·80	45.1923	10·4
†	51·764	+24·951	− 5	...	...
...	51·925	+21·363	− 5	45.1924	10·4
...	52·207	−34·708	− 5	...	...
881					
...	+52·219	+28·006	0·70	45.1925	10·4
...	52·282	+22·698	− 1	45.1926	10·4
‡	52·505	+29·859	1·70	45.1927	9·1
...	52·549	+16·537	0·65	45.1928	10·4
*	52·598	−32·689	1·00	46.1951	9·7
...	+52·722	+13·474	0·75	45.1930	10·4
...	52·824	+47·142	− 5	...	...
...	52·851	+ 5·698	− 5	...	...
...	52·902	+35·824	− 3	...	...
...	52·930	+30·668	− 5	...	...
891					
*	+53·022	−14·279	0·95	46.1952	9·9
...	53·134	+14·274	− 3	45.1931	10·4
...	53·158	+46·278	− 5	...	...
†	53·257	−54·824	− 5	...	...
*	53·298	+40·604	1·70	45.1929	9·2
...	+53·377	+36·328	− 5	...	...
...	53·596	+19·786	0·65	45.1932	10·4
...	53·720	−21·577	− 3	...	...
...	53·769	−10·158	− 5	*m*	...
...	53·774	−48·678	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
901–920					
901	′	′		°	
...	+54·137	+11·204	− 1	45.1936	10·4
...	54·150	+30·384	0·90	45.1933	10·0
...	54·356	+ 6·620	− 2	...	...
‡	54·383	+34·923	1·30	45.1935	9·4
...	54·462	+56·126	− 5	...	...
†	+54·685	+54·410	0·75	45.1934	10·2
...	54·878	−30·604	− 3	...	...
...	55·307	−40·578	− 3	...	...
n	55·360	− 3·346	0·90	45.1937	9·8
...	55·422	−37·950	− 1	46.1953	10·4
911					
*	+55·432	+56·997	2·20	44.2058	8·7
n	55·439	− 3·321	0·90	45.1937	9·8
...	56·102	− 5·605	− 2	...	...
...	56·122	+17·045	− 4	...	...
...	56·148	+18·911	− 5	...	...
...	+56·319	+22·778	0·90	45.1938	10·1
...	56·390	−10·412	− 4	*e*	...
...	56·498	+26·219	− 2	45.1939	10·4
...	56·677	+16·352	− 4	...	...
...	56·860	+32·604	− 4	...	...
921–940					
921	′	′		°	
...	+56·895	+24·856	− 3	45.1940	10·4
*	57·009	−49·158	1·20	46.1954	9·8
...	57·032	+30·286	− 4	...	...
n *	57·143	+ 8·853	1·00	45.1941	9·9
...	57·163	+ 6·490	− 5	...	...
...	+57·241	+47·782	− 5	...	...
...	57·305	−49·119	0·95	46.1956	10·0
n	57·350	+ 9·040	− 2	45.1941	9·9
...	57·445	+ 0·999	− 3	...	...
...	57·542	−17·091	− 5	*m*	...
931					
...	+57·568	+30·349	− 5	...	...
...	57·745	−37·696	0·95	46.1958	9·9
...	57·768	+35·894	1·00	45.1942	9·9
*	57·803	− 2·455	1·00	45.1944	9·8
*	57·807	+26·585	1·80	45.1943	9·1
*	+57·823	−36·094	1·40	46.1957	9·6
... [	57·853	−56·004	− 2	46.1959	10·1
... [	57·964	−56·109	− 2		
...	58·057	− 9·462	0·90	46.1955	9·9
*	58·078	+12·891	1·20	45.1945	9·6
941–955					
941	′	′		°	
...	+58·124	+10·336	− 5	...	...
...	58·303	+23·030	− 4	...	...
...	58·476	−35·840	− 4	46.1960	10·4
...	58·556	− 1·360	− 1	...	...
...	58·557	+18·403	0·90	45.1946	10·0
*	+58·643	+13·250	1·20	45.1947	9·6
*	58·647	−32·109	1·10	46.1961	9·7
...	58·895	−22·735	− 4	...	...
...	58·986	+ 5·758	− 4	...	...
...	58·988	−28·636	− 1	46.1963	10·4
951					
...	+58·997	−30·656	− 3	...	...
...	59·030	+27·265	− 3	...	...
...	59·068	−59·618	− 5	...	...
*	59·244	− 9·874	1·20	46.1962	9·2
...	59·587	+ 7·685	− 5	...	...

909, 912, C.P.D., mass.
924, 928, C.P.D., suspected double.

—46° No. 49 D, 0·65 1905·15 8h 0m

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
1–30					
1	′	′		°	
‡	−60·097	−18·908	1·60	46.1935	9·4
...	59·895	+ 8·723	− 2	...	...
...	59·801	−17·878	0·80	46.1936	10·4
†	59·717	+19·891	0·65	45.1909	10·4
*	59·518	−19·762	0·95	46.1937	9·9
*	−59·513	+44·445	1·60	45.1910	9·6
...	59·368	+29·338	− 5	...	...
...	59·290	+15·698	− 4	...	...
...	59·257	− 7·740	− 4	M	...
...	59·236	+32·809	− 2	...	...
11					
...	−59·200	+45·094	− 1	...	...
...	59·193	−16·416	− 3	E	...
S*	59·169	−50·333	2·10	46.1938	8·8
...	59·147	+22·060	− 5	M	...
...	59·126	− 9·614	− 4	E	...
...	−59·049	−51·070	− 4	M	...
...	58·916	+40·143	− 2	...	...
*	58·896	+25·545	1·60	45.1911	9·6
...	58·769	+22·485	− 3	...	...
*	58·679	+15·252	1·70	45.1913	9·4
21					
*	−58·664	+31·537	1·60	45.1914	9·6
*	58·528	− 3·930	4·00	45.1912	7·2
...	58·415	+35·624	− 3	...	...
...	58·405	+29·671	− 4	...	...
...	58·367	− 7·928	− 4	E	...
...	−58·105	+53·764	− 2	...	...
...	58·033	+30·731	0·70	...	...
*	57·992	− 0·974	1·25	45.1915	9·8
...	57·879	−23·333	0·90	46.1939	10·2
...	57·641	+11·227	− 5	...	...
31–60					
31	′	′		M	
...	−57·629	−22·195	− 5		...
...	57·529	+33·668	− 5	...	...
*	57·438	−54·215	1·40	46.1940	10·0
...	57·192	− 7·598	− 4	E	...
...	57·030	−43·766	− 4	...	...
...	−57·006	+ 8·951	− 5	...	...
...	56·905	+14·720	− 2	...	...
...	56·883	−13·575	− 2	...	...
...	56·850	− 3·948	− 1	...	...
...	56·801	−34·308	0·70	...	...
41					
...	−56·651	−22·834	− 3	...	...
...	56·643	−21·198	− 4	E	...
...	56·466	−18·288	− 4	M	...
...	56·439	+51·504	− 5	...	...
...	56·416	−53·396	0·75	46.1941	10·4
...	−56·404	−34·470	− 3	M	...
S‡	56·324	−19·887	3·90	46.1943	7·6
...	56·318	+41·494	0·80	45.1917	10·4
*	56·233	−38·320	1·00	46.1942	10·0
...	56·101	− 6·909	− 5	M	...
51					
*	−56·079	+14·794	1·90	45.1916	9·0
...	55·958	−12·475	0·70	46.1945	10·4
...	55·782	−51·881	0·90	46.1944	10·4
...	55·775	−39·385	− 5	M	...
...	55·763	− 1·841	− 3	E	...
S*	−55·716	+41·065	3·90	45.1919	7·4
*	55·714	+49·204	1·20	45.1920	10·1
*	55·400	+59·609	1·20	44.2050	10·1
*	55·369	−29·590	1·05	46.1946	9·7
*	55·359	− 2·797	2·10	45.1918	8·8
61–90					
61	′	′		°	
...	−55·353	−37·748	− 4	...	...
...	55·341	−35·337	0·65	...	...
...	55·291	−13·659	− 5	M	...
...	55·102	− 7·628	− 5	M	...
...	55·061	+35·503	0·90	...	...
...	−54·959	+15·519	− 4	...	...
...	54·937	−16·208	0·85	...	...
...	54·913	−50·995	− 5	M	...
...	54·852	+12·509	− 5	...	...
...	54·710	+ 1·110	0·70	...	...
71					
...	−54·705	+ 5·229	− 5	...	...
...	54·679	+23·769	− 5	M	...
...	54·678	+20·488	0·80	...	...
...	54·671	+31·356	− 5	M	...
...	54·671	+ 9·860	− 5	...	...
...	−54·589	−14·191	0·90	...	...
...	54·582	−39·704	− 5	M	...
...	54·446	+51·954	− 5	...	...
...	54·440	+37·066	0·80	...	...
...	54·423	−29·873	0·70	...	...
81					
...	−54·382	+ 6·674	0·70	...	...
...	54·353	−33·342	− 5	M	...
...	54·316	+15·780	− 5	...	...
...	54·230	+47·628	0·70	...	...
...	54·196	−39·749	− 5	M	...
...	−54·053	−40·108	− 5	M	...
...	54·023	− 7·739	− 5	M	...
...	53·886	−58·255	− 1	...	...
*	53·884	−10·328	1·00	46.1947	10·1
...	53·786	+23·273	0·70	...	...

ES measured from 1, 166, 329, 508, 655, 803, 925, 1043, 1183, 1334, 1486, 1643.
NM „ „ 64, 238, 412, 566, 721, 861, 974, 1102, 1250, 1403, 1550, 1710.
For faint stars the diameters by NM are erratic and generally over-estimated.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
91–150					
91					
...	−53·780	−18·084	− 5	M	...
...	53·701	+15·035	− 5	...	...
...	53·664	+30·755	0·75	...	...
*	53·643	+ 7·416	1·10	45.1921	9·9
...	53·636	−20·160	0·80	...	...
...	−53·415	+ 8·771	− 5	...	...
...	53·389	− 6·772	− 3	M	...
...	53·309	−51·050	0·75	...	...
*	53·276	+ 9·601	2·00	45.1922	9·1
†	53·257	+24·913	0·65	...	...
101					
...	−53·234	+20·285	− 5	M	...
*	53·229	−29·785	1·15	46.1948	9·8
...	53·197	+18·455	0·65	...	...
*	53·141	+19·404	1·00	45.1923	10·4
...	53·132	−28·886	0·90	...	...
...	−53·012	+ 6·832	− 5	...	...
...	53·011	+15·337	− 1	...	...
...	53·007	+16·461	− 5	...	...
...	52·990	+21·348	0·90	45.1924	10·4
...	52·953	− 3·113	− 5	...	...
111					
...	−52·923	−32·111	− 3	M	...
*	52·904	+27·984	1·00	45.1925	10·4
...	52·900	+47·144	0·80	...	...
...	52·774	−18·446	− 1	A	...
...	52·697	−28·721	− 5	M	...
...	−52·684	+22·686	0·90	45.1926	10·4
‡	52·672	+29·850	1·80	45.1927	9·1
...	52·666	−10·729	0·90	...	...
...	52·550	+46·289	0·70	...	...
...	52·467	−29·367	− 5	M	...
121					
...	−52·465	−37·505	− 4	M	...
...	52·464	+35·823	0·80	...	...
...	52·448	−37·840	− 2	M	...
...	52·394	−20·651	0·75	...	...
...	52·378	−35·899	− 5	M	...
*	−52·276	−23·608	1·00	46.1950	9·9
...	52·274	+30·675	0·70	...	...
...	52·219	+16·535	0·90	45.1928	10·4
*	52·204	+40·632	1·60	45.1929	9·2
*	52·102	−53·018	1·05	46.1949	10·4
131					
...	−52·094	−16·032	− 2	...	...
...	52·072	+45·596	− 5	M	...
...	52·001	+36·359	0·75	...	...
*	51·951	+13·481	1·00	45.1930	10·4
...	51·931	+ 9·432	− 5	...	...
...	−51·852	−38·470	− 2	M	...
...	51·825	−45·124	0·90	...	...
...	51·763	+36·379	0·65	A	...
...	51·729	−12·804	− 5	M	...
...	51·627	−26·202	− 4	M	...
141					
...	−51·565	+14·289	0·80	45.1931	10·4
...	51·564	+ 5·712	− 1	...	...
...	51·560	+56·177	− 1	...	...
...	51·494	+50·062	0·65	...	...
...	51·454	+39·214	− 5	M	...
*	−51·286	+19·813	0·90	45.1932	10·4
*	51·280	+54·469	1·00	45.1934	10·2
*	51·029	+30·433	1·15	45.1933	10·0
...	50·978	+32·492	− 4	M	...
...	50·959	+55·256	− 4	...	...
151–210					
151					
‡	−50·949	+34·978	1·60	45.1935	9·4
‡	50·941	−34·702	0·70	...	...
...	50·903	+33·048	− 4	...	...
...	50·882	−22·176	− 4	M	...
...	50·802	−10·159	− 1	B	...
*	−50·768	−14·238	1·10	46.1952	9·9
...	50·715	−15·300	− 3	M	...
*	50·625	−32·655	1·20	46.1951	9·7
*	50·580	+57·074	2·30	44.2058	8·7
...	50·524	+11·400	− 3	...	...
161					
...	−50·492	−42·912	− 5	M	...
*	50·467	+11·266	0·90	45.1936	10·4
...	50·349	+37·453	− 4	...	...
...	50·265	−20·683	− 5	M	...
†	50·247	+14·459	− 3	...	...
†	−50·175	−10·099	− 3	M	...
...	50·106	+ 6·683	0·65	...	...
...	49·858	−21·524	− 2	...	...
...	49·730	−19·574	− 5	M	...
...	49·455	+31·337	− 5	...	...
171					
...	−49·380	+43·106	− 5	...	...
...	49·330	+ 5·049	− 5	...	...
...	49·267	−54·770	− 2	...	...
...	49·246	− 3·665	− 3	M	...
...	49·174	+53·064	− 4	...	...
...	−49·161	+ 8·858	− 5	...	...
...	49·126	−17·494	− 5	M	...
...	48·972	+56·165	− 5	...	...
...	48·939	−48·608	− 2	...	...
...	48·868	+56·011	− 5	...	...
181					
*	−48·778	− 3·248	0·85	45.1937	9·8
*	48·706	− 3·221	0·90		
...	48·691	+19·020	− 3	...	...
...	48·669	+17·163	− 3	...	...
*	48·651	+22·897	1·05	45.1938	10·1
...	−48·570	+26·339	0·75	45.1939	10·4
...	48·505	+47·908	− 2	...	...
...	48·423	−30·510	0·65	...	...
...	48·408	+32·737	− 2	...	...
...	48·308	−18·247	− 4	M	...
191					
...	−48·257	−26·364	− 5	M	...
...	48·244	+53·384	− 4	...	...
...	48·167	+30·427	− 2	...	...
...	48·138	+24·999	0·65	45.1940	10·4
...	48·080	+16·484	− 2	...	...
...	−48·016	+28·103	− 5	...	...
...	48·014	+13·204	− 5	...	...
...	47·978	− 5·479	0·65	...	...
...	47·736	+45·932	− 5	...	...
...	47·676	−40·472	− 2	...	...
201					
*	−47·629	−37·843	0·90	46.1953	10·4
...	47·627	+30·506	− 3	...	...
*	47·595	+36·047	1·20	45.1942	9·9
...	47·544	−10·279	− 3	E	...
...	47·399	−32·566	− 5	M	...
n *	−47·380	+ 8·990	1·10	45.1941	9·9
...	47·280	+ 6·630	− 3	...	...
...	47·260	−22·473	− 4	M	...
*	47·257	+26·751	1·90	45.1943	9·1
...	47·220	+40·705	− 5	...	...
211–270					
211					
n	−47·187	+ 9·187	0·70	45.1941	9·9
...	46·968	+34·573	− 5	...	...
...	46·961	−58·360	− 2	...	...
...	46·886	−35·901	− 5	M	...
...	46·829	+ 1·154	− 2	...	...
...	−46·758	+44·059	− 3	...	...
...	46·713	+20·005	− 5	...	...
...	46·671	+23·218	− 2	...	...
*	46·569	+13·063	1·20	45.1945	9·6
...	46·443	+10·510	− 5	...	...
221					
...	−46·379	+35·634	− 5	...	...
*	46·370	− 2·284	1·20	45.1944	9·8
*	46·275	+18·601	0·90	45.1946	10·0
...	46·176	−16·906	− 4	M	...
...	46·078	+27·476	− 2	...	...
*	−46·020	+13·440	1·30	45.1947	9·6
*	45·887	− 9·270	1·15	46.1955	9·9
...	45·709	+48·016	0·80	45.1948	10·4
*	45·693	−48·987	1·30	46.1954	9·8
...	45·663	− 1·157	0·70	...	...
231					
...	−45·591	−21·989	− 4	M	...
*	45·536	+41·926	0·95	45.1949	10·2
...	45·434	+ 5·962	− 3	...	...
*	45·398	−48·937	1·20	46.1956	10·0
*	45·328	−37·512	1·05	46.1958	9·9
*	−45·300	−35·912	1·40	46.1957	9·6
†	45·273	+15·781	− 5	...	...
...	45·153	− 0·989	− 5	M	...
...	45·135	− 6·451	− 3	M	...
...	44·994	+19·028	− 5	...	...
241					
...	−44·990	−24·834	− 1	A	...
...	44·905	+ 7·908	0·65	...	...
...	44·872	−35·691	− 4	...	...
...	44·746	+ 0·286	0·65	...	...
*	44·676	− 9·653	1·90	46.1962	9·2
...	−44·656	−35·620	0·70	46.1960	10·4
n *	44·641	−55·799	1·00	46.1959	10·1
...	44·634	−22·516	0·70	...	...
*	44·596	−31·897	1·05	46.1961	9·7
*	44·588	+23·015	1·80	45.1950	9·4
251					
...	−44·555	+20·243	− 4	...	...
n *	44·517	−55·919	1·10	46.1959	10·1
*	44·516	+47·333	1·40	45.1951	9·4
...	44·416	+59·602	− 4	M	...
...	44·385	− 0·865	0·70	A	...
*	−44·355	−28·414	1·00	46.1963	10·4
...	44·313	−26·891	0·70	A	...
...	44·296	−30·434	0·80	...	...
...	44·096	+48·282	− 5	...	...
...	43·998	−49·840	0·80	A	...
261					
...	−43·943	+48·898	− 5	M	...
...	43·908	−54·955	0·75	...	...
...	43·896	+ 5·181	− 5	...	...
...	43·894	−14·802	0·70	A	...
...	43·893	+23·061	− 5	M	...
...	−43·849	+ 4·016	0·65	...	...
...	43·748	+20·254	− 5	M	...
‡	43·666	−14·978	0·90	...	...
...	43·624	− 0·829	0·65	B	...
*	43·580	− 6·465	0·90	46.1964	10·4

206, 211. C.P.D., suspected double.
247, 252. C.P.D., mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
271-330					
271	′	′		°	
...	−43·318	+10·130	0·65	...	...
*	43·313	+33·843	0·90	45.1952	10·4
...	43·297	−59·372	0·85	...	...
...	43·191	+46·341	− 5	...	...
...	43·184	−33·371	− 5	M	...
...	−43·152	−42·344	0·70	A	...
...	42·997	−53·670	0·75	...	...
...	42·963	+ 9·460	0·90	45.1953	10·4
...	42·921	−13·042	− 5	M	...
*	42·919	−12·023	0·95	46.1966	10·2
281					
...	−42·895	− 9·014	− 5	M	...
*	42·869	−12·813	1·05	46.1967	9·9
...	42·856	+23·132	0·70	...	...
*	42·795	+53·490	2·00	45.1954	9·3
...	42·688	+ 1·218	0·70	...	...
...	−42·501	+35·471	− 5	...	...
...	42·432	+17·192	0·65	...	...
...	42·308	+41·222	− 3	...	...
...	42·224	−40·077	0·80	...	...
...	42·157	+57·893	− 4	...	...
291					
...	−42·088	−30·805	0·85	46.1968	10·4
...	42·077	−42·694	0·65	...	...
...	42·033	+ 4·383	− 4	M	...
...	41·971	+26·523	− 5	...	...
...	41·831	−28·442	0·80	...	...
...	−41·812	+ 9·364	− 5	...	...
...	41·750	−28·468	− 5	M	...
*	41·671	−16·284	1·70	46.1969	9·2
...	41·658	+30·576	− 5	M	...
*	41·643	+47·614	1·05	45.1955	10·2
301					
...	−41·617	+38·947	0·80	...	...
...	41·595	+39·073	− 4	...	...
...	41·590	+37·534	0·75	...	...
...	41·587	−25·831	− 5	M	...
...	41·586	+50·644	− 5	...	...
...	−41·577	−58·950	0·65	A	...
...	41·554	+34·150	0·80	...	...
...	41·533	−40·783	− 5	M	...
...	41·519	−49·454	0·90	...	...
...	41·441	+20·995	− 4	...	...
311					
...	−41·424	− 4·918	− 5	M	...
...	41·413	+13·387	0·70	...	...
...	41·405	+48·843	− 5	...	...
...	41·200	+29·091	− 1	...	...
...	41·193	+42·249	− 3	...	...
...	−41·146	− 8·529	− 4	M	...
...	41·099	−24·203	0·65	...	...
...	41·090	+ 1·811	− 5	M	...
*	41·086	−52·328	3·00	46.1970	8·3
...	40·931	− 8·298	− 2	M	...
321					
...	−40·689	+53·663	0·75	...	...
...	40·649	−55·093	− 5	M	...
*	40·613	−53·262	0·90	46.1972	10·4
...	40·570	−37·833	− 4	M	...
...	40·567	+11·385	0·80	...	...
*	−40·542	+50·304	1·05	45.1956	10·0
...	40·459	− 8·412	0·80	...	...
...	40·352	−25·841	− 5	M	...
†	40·179	−10·047	− 5	M	...
...	40·137	−18·111	− 5	M	...
331-390					
331					
...	−40·021	−19·503	0·65	...	...
...	40·020	−58·749	0·70	46.1973	10·4
*	39·970	+42·138	1·25	45.1957	9·7
...	39·956	− 4·114	0·65	...	...
...	39·832	+15·726	− 4	...	...
...	−39·815	− 3·543	− 5	M	...
...	39·750	+38·166	− 3	...	...
...	39·708	−13·480	− 3	...	...
...	39·620	+ 7·272	− 5	...	...
...	39·619	−21·373	0·65	...	...
341					
...	−39·567	+22·762	0·70	...	...
...	39·492	−44·126	− 4	...	...
...	39·460	−40·246	− 5	M	...
...	39·420	−40·336	− 2	...	...
...	39·416	+26·477	− 4	...	...
*	−39·302	+ 6·790	1·05	45.1958	9·8
...	39·040	− 3·960	0·65	...	...
*	39·004	+47·164	1·50	45.1960	9·6
...	38·887	+22·341	− 3	...	...
...	38·817	−33·872	− 2	...	...
351					
...	−38·799	− 1·629	0·65	...	...
*	38·782	− 5·179	1·60	46.1974	9·2
...	38·728	+15·310	− 5	...	...
...	38·714	+ 9·026	0·65	...	...
*	38·714	− 4·015	1·20	45.1959	9·7
...	−38·647	−26·005	− 5	M	...
...	38·571	−55·326	− 2	...	...
...	38·543	+32·197	− 5	...	...
...	38·527	−19·835	− 5	M	...
...	38·451	+12·182	− 3	...	...
361					
...	−38·445	+21·145	− 5	...	...
...	38·377	+49·025	− 5	...	...
...	38·240	−45·133	− 4	M	...
...	38·177	− 3·473	− 2	...	...
...	38·109	−31·036	0·80	46.1975	10·4
...	−38·038	−37·566	− 5	M	...
...	38·000	+16·907	− 5	...	...
*	37·990	+25·824	1·20	45.1961	9·7
...	37·852	− 6·076	− 1	...	...
...	37·685	− 5·368	− 1	...	...
371					
...	−37·642	−18·514	− 3	...	...
...	37·602	−21·123	− 5	M	...
*	37·567	−51·588	2·00	46.1976	8·9
...	37·521	−19·710	− 5	M	...
...	37·429	−11·345	0·65	46.1977	10·4
...	−37·352	− 3·307	− 5	M	...
*	37·299	+29·665	1·15	45.1962	10·0
...	37·208	+33·754	0·80	45.1964	10·4
...	37·096	+40·842	− 4	...	...
*	37·008	+ 5·163	1·20	45.1963	9·7
381					
...	−36·962	+45·711	− 5	...	...
*	36·706	+21·954	0·85	45.1966	10·2
...	36·657	+30·014	− 5	...	...
...	36·649	−16·642	− 2	...	...
...	36·601	+23·672	0·80	45.1965	10·4
...	−36·566	−24·828	− 2	46.1978	10·4
...	36·475	+37·728	− 4	...	...
*	36·456	+34·571	0·90	45.1967	10·0
...	36·427	+12·472	− 3	...	...
...	36·423	−22·308	− 5	M	...
391-450					
391	′	′		°	
...	−36·382	+50·267	0·70	...	...
...	36·327	−48·513	− 3	...	...
...	36·293	+37·118	− 4	...	...
...	36·227	−50·510	− 5	M	...
...	36·194	+51·287	− 5	...	...
...	−36·168	−46·642	− 5	M	...
...	36·135	+ 2·683	− 2	...	...
...	36·081	−31·658	− 4	...	...
...	36·039	+ 1·520	− 5	...	...
...	36·023	−58·564	0·70	...	...
401					
*	−35·961	+ 5·863	1·30	45.1969	9·7
...	35·961	− 8·657	0·75	46.1979	10·4
...	35·896	+19·576	0·80	45.1968	10·4
...	35·763	+30·404	− 4	...	...
...	35·651	+30·654	0·75	...	...
...	−35·630	−57·543	− 1	...	...
...	35·543	− 4·474	0·70	...	...
...	35·509	−18·620	0·65	...	...
...	35·499	−56·390	− 4	...	...
...	35·343	+ 0·221	− 4	...	...
411					
...	−35·297	−42·391	− 3	...	...
...	35·197	+30·687	− 4	...	...
†	35·181	−58·636	− 4	M	...
...	35·138	−36·098	− 5	M	...
*	35·002	−42·181	0·95	46.1980	10·4
*	−34·973	+39·384	1·05	45.1970	10·1
...	34·946	−28·044	0·80	...	...
...	34·815	−43·129	0·70	...	...
...	34·814	− 1·380	0·65	A	...
...	34·758	−10·626	− 4	M	...
421					
...	−34·717	+45·898	0·90	...	...
*	34·646	+31·159	0·90	45.1971	10·4
...	34·602	−30·740	− 5	M	...
...	34·553	+57·665	0·80	...	...
...	34·424	−32·898	− 5	M	...
...	−34·159	−16·202	0·65	B	...
...	34·157	−42·085	− 3	M	...
*	34·128	−37·879	1·50	46.1981	9·4
...	34·124	+ 4·131	0·80	...	...
...	34·008	−29·734	0·70	A	...
431					
...	−33·902	+ 2·481	− 5	M	...
...	33·874	−44·480	− 4	M	...
...	33·795	+24·778	− 4	...	...
*	33·748	−16·882	1·15	46.1984	9·7
...	33·740	−48·666	− 4	M	...
...	−33·650	+30·374	0·75	...	...
S *	33·545	+ 6·360	2·60	45.1972	8·5
...	33·492	+43·458	0·85	...	...
...	33·373	+13·165	− 4	...	...
†	33·290	+29·901	− 3	...	...
441					
...	−33·194	−19·385	− 2	M	...
...	33·185	−38·269	− 4	M	...
...	33·181	+45·805	− 5	...	...
...	33·079	+ 8·298	− 5	...	...
*	33·067	+16·770	1·00	45.1973	10·2
...	−33·053	+11·333	− 5	...	...
...	33·038	− 8·931	0·70	...	...
...	33·028	− 8·135	− 3	M	...
...	32·977	+37·100	0·70	...	...
*	32·913	−38·431	0·95	46.1985	10·0

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
451–510					
451					
...	−32·853	+ 9·515	0·65	...	...
...	32·784	−46·727	− 3	M	...
*	32·729	+20·201	1·60	45.1974	9·3
...	32·681	+21·962	0·65	...	...
...	32·679	+23·859	0·70	...	...
...	−32·603	+28·334	− 4	...	...
...	32·546	+33·347	0·80	...	...
...	32·546	− 4·756	0·85	...	...
*	32·519	−25·911	1·10	46.1986	9·8
...	32·460	+15·160	− 5	M	...
461					
...	−32·460	+11·314	− 3	A	...
...	32·421	+11·732	0·85	...	...
...	32·366	−53·771	0·80	...	...
...	32·295	−50·106	− 5	M	...
...	32·208	+35·358	0·75	...	...
...	−32·086	+21·161	− 5	...	...
*	31·959	+22·222	1·00	45.1975	10·2
*	31·931	+44·245	1·05	45.1976	9·9
...	31·910	−21·391	− 5	M	...
...	31·903	+43·043	0·80	...	...
471					
*	−31·884	− 7·416	1·05	46.1987	10·1
...	31·877	−52·398	0·75	A	...
...	31·859	+53·604	− 5	M	...
...	31·777	−56·502	− 4	M	...
...	31·751	+13·249	− 4	...	...
*	−31·716	−38·854	1·00	46.1988	10·2
...	31·714	−17·801	0·65	...	...
...	31·675	−57·462	− 5	M	...
...	31·657	+45·064	0·85	...	...
...	31·630	+26·555	0·65	...	...
481					
...	−31·619	+48·754	− 5	M	...
*	31·502	−51·399	1·05	46.1989	10·2
*	31·425	−23·162	1·00	46.1990	10·4
*	31·414	−21·381	1·15	46.1991	9·6
...	31·351	− 6·702	0·85	...	...
...	−31·286	+52·605	− 5	...	...
...	31·150	−23·067	− 5	M	...
*	31·110	+36·171	1·05	45.1977	10·0
*	31·021	+23·847	0·90	45.1979	10·4
...	31·011	− 0·594	− 5	M	...
491					
*	−30·993	+56·443	1·00	44.2092	10·2
...	30·960	+ 4·919	0·80	45.1980	10·4
*	30·958	+20·045	1·00	45.1978	10·1
...	30·952	+43·969	− 5	M	...
...	30·945	+48·569	− 4	...	...
...	−30·872	−37·104	0·85	46.1992	10·4
...	30·839	+26·665	− 5	M	...
...	30·829	−42·949	− 5	M	...
...	30·779	+28·992	− 4	...	...
...	30·674	+ 8·936	− 4	...	...
501					
...	−30·569	−44·122	− 5	M	...
...	30·484	−45·532	− 5	M	...
...	30·473	+49·694	0·70	...	...
*	30·439	+32·741	0·95	45.1981	10·4
...	30·409	+ 2·774	− 4	...	...
...	−30·407	+43·355	− 3	...	...
†	30·334	+43·414	0·70	...	...
‡	30·297	+28·684	2·80	45.1982	8·2
†	30·224	−10·770	− 3	...	...
...	30·217	+15·015	− 2	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
511–570					
511					
*	−30·112	−14·682	2·50	46.1993	8·4
...	30·031	−56·321	− 3	...	...
*	30·016	+48·988	3·20	45.1983	8·0
...	29·922	+14·523	− 5	...	...
...	29·869	−30·676	− 3	...	...
*	−29·731	+57·306	1·30	44.2095	9·7
...	29·707	+29·526	− 5	...	...
...	29·701	+ 3·512	0·85	45.1984	10·2
...	29·652	+23·776	− 2	...	...
...	29·470	+ 4·506	0·70	45.1985	10·4
521					
...	−29·411	−33·932	− 5	M	...
...	29·398	−45·953	− 5	M	...
...	29·317	− 8·426	− 5	M	...
...	29·227	− 5·479	− 2	...	...
...	29·173	+38·749	0·70	45.1986	10·4
...	−29·091	+30·733	− 4	...	...
...	29·072	−27·171	− 4	...	...
...	29·068	+26·436	− 5	...	...
...	28·897	+ 7·720	− 5	...	...
...	28·814	+10·766	− 3	...	...
531					
...	−28·809	+ 7·097	− 4	...	...
...	28·689	+50·384	− 2	...	...
...	28·569	−37·961	− 5	M	...
...	28·550	+ 8·151	− 5	...	...
...	28·483	−33·533	− 5	M	...
n	−28·473	+ 6·926	0·65	45.1987	10·2
...	28·473	−16·620	0·85	46.1994	10·2
...	28·469	+42·227	− 3	...	...
n	28·368	+ 7·083	0·70	45.1987	10·2
...	28·135	+49·981	− 2	...	...
541					
...	−28·094	−42·738	− 2	...	...
...	28·093	+45·875	− 4	...	...
...	27·982	−27·031	− 3	...	...
...	27·507	+45·166	− 5	...	...
...	27·446	+38·145	0·80	45.1988	10·4
...	−27·414	−51·271	− 1	...	...
...	27·412	+ 5·033	− 5	...	...
*	27·386	+56·259	3·40	44.2101	7·6
*	27·286	+26·048	1·00	45.1989	10·0
...	27·201	− 1·260	0·65	...	...
551					
...	−27·080	+45·381	− 5	...	...
*	26·962	+ 7·335	1·05	45.1990	10·0
...	26·926	+12·607	− 2	...	...
...	26·926	−17·048	0·70	46.1995	10·4
*	26·608	−53·003	1·20	46.1996	9·8
...	−26·253	− 0·120	0·65	45.1991	10·4
...	26·090	+20·636	− 5	...	...
...	26·000	+41·300	0·70	45.1992	10·4
...	25·951	+46·368	− 4	...	...
...	25·949	+18·968	− 5	...	...
561					
...	−25·559	+54·704	− 5	...	...
...	25·535	−50·928	− 4	M	...
...	25·499	+49·416	0·65	...	...
*	25·447	+28·009	2·00	45.1993	8·9
‡	25·282	−37·068	0·90	46.1997	10·0
...	−25·175	+42·999	0·85	...	...
...	25·044	+45·799	0·90	45.1994	10·4
*	25·036	−29·256	1·00	46.1999	10·0
...	24·955	+ 4·259	− 4	...	...
...	24·933	−10·699	0·80	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
571–630					
571					
...	−24·896	−45·648	− 5	M	...
...	24·856	+36·147	0·90	...	...
...	24·799	+51·203	0·80	...	...
...	24·721	−16·564	− 4	M	...
...	24·681	+16·802	0·75	...	...
...	−24·522	+20·583	0·75	...	...
*	24·518	−26·377	1·00	46.2000	9·9
*	24·375	−11·507	1·10	46.2001	10·2
...	24·334	− 2·274	− 1	A	...
...	24·239	+36·127	0·70	...	...
581					
...	−24·222	+53·051	0·75	...	...
...	24·161	−38·468	− 5	M	...
...	24·138	+13·746	0·70	...	...
*	24·058	+15·579	0·90	45.1995	10·4
...	23·911	+ 1·482	− 3	...	...
...	−23·836	+ 1·492	− 4	...	...
...	23·834	− 7·405	− 5	M	...
...	23·828	+ 5·102	− 5	M	...
...	23·706	+37·839	− 5	M	...
...	23·699	−38·622	− 5	M	...
591					
...	−23·641	+29·255	− 5	...	...
...	23·577	+15·191	0·80	45.1996	10·4
...	23·497	+ 0·739	0·90	45.1997	10·4
...	23·421	+36·469	0·80	...	...
...	23·281	+45·115	− 5	M	...
...	−23·068	−47·466	0·80	...	...
...	22·967	+38·509	− 5	M	...
...	22·875	−52·475	− 5	M	...
...	22·841	−17·515	0·70	...	...
...	22·816	− 2·423	0·85	...	...
601					
*	−22·729	−51·902	1·00	46.2002	10·0
*	22·720	−38·117	1·70	46.2003	9·4
*	22·693	−45·789	0·90	46.2004	10·4
...	22·667	+19·137	0·80	...	...
...	22·622	+57·743	0·75	...	...
...	−22·549	−14·357	0·80	...	...
*	22·489	−10·887	1·00	46.2005	10·2
...	22·440	+54·570	0·70	...	...
...	22·432	+56·425	− 5	...	...
*	22·430	+32·917	1·10	45.1999	9·8
611					
*	−22·337	+ 4·000	0·90	45.1998	10·4
...	22·321	+44·088	− 4	...	...
...	22·193	−42·355	0·65	A	...
...	22·087	− 1·988	− 1	A	...
*	22·070	+ 7·165	1·20	45.2000	9·7
...	−22·063	+11·121	0·80	...	...
...	22·030	+25·156	− 4	A	...
...	21·962	+16·382	0·65	...	...
...	21·940	−29·250	0·65	B	...
...	21·795	−30·560	0·65	...	...
621					
...	−21·735	+26·146	0·75	...	...
...	21·650	−52·953	− 4	M	...
...	21·581	+12·194	− 5	...	...
...	21·513	+31·976	− 5	...	...
...	21·511	−46·320	− 4	M	...
*	−21·474	−13·190	2·00	46.2006	9·0
...	21·460	+17·502	0·80	...	...
...	21·437	+26·102	0·65	...	...
...	21·414	+16·623	− 5	...	...
...	21·319	−45·747	0·65	A	...

536, 539, C.P.D., mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
631–690					
631					
...	−21·312	+35·895	− 5	M	...
...	21·296	−23·918	− 5	M	...
...	21·252	−33·222	− 5	M	...
...	21·208	+41·331	0·65	...	...
...	21·181	+ 6·109	− 5	...	...
*	−21·157	+39·627	0·95	45.2001	10·2
...	21·139	+33·885	0·80	...	...
...	21·112	−28·122	− 4	...	...
*	21·082	−12·928	2·80	46.2007	8·6
...	21·031	− 2·468	− 5	M	...
641					
*	−20·992	−33·461	1·90	46.2008	9·1
...	20·922	+43·670	− 5	M	...
...	20·772	+28·531	− 4	...	...
...	20·756	+53·767	− 4	...	...
...	20·726	−39·142	0·75	...	...
...	−20·686	−33·369	− 5	M	...
...	20·684	−38·435	0·80	...	...
...	20·671	+23·429	− 5	...	...
...	20·661	+30·350	0·70	...	...
...	20·576	+43·372	0·65	...	...
651					
*	−20·565	− 6·416	1·10	46.2009	10·1
...	20·381	−32·578	− 2	M	...
‡	20·362	+ 9·260	0·95	45.2002	10·1
†	20·308	−32·511	− 4	M	...
†	20·299	+24·342	0·70	45.2003	10·4
...	−20·148	+37·911	− 5	...	...
...	20·067	+42·855	0·70	...	...
...	19·758	−50·226	− 4	M	...
...	19·709	+39·231	− 5	...	...
...	19·703	−25·737	− 5	M	...
661					
*	−19·647	+44·105	1·05	45.2004	10·1
...	19·600	+35·653	− 3	...	...
...	19·598	+23·070	− 5	...	...
...	19·402	+30·037	− 3	...	...
...	19·221	−20·623	− 4	...	...
...	−19·203	−47·676	− 5	M	...
...	19·117	−59·800	0·70	46.2010	10·4
...	18·933	+27·704	− 3	...	...
...	18·852	−48·731	− 4	...	...
...	18·755	−20·080	− 4	...	...
671					
...	−18·710	+50·167	0·80	45.2005	10·4
*	18·235	−10·858	0·95	46.2012	10·0
...	18·219	−29·254	0·80	46.2011	10·2
...	18·047	−15·136	− 3	...	...
...	18·037	+39·632	− 2	...	...
...	−18·033	−28·024	0·70	46.2013	10·4
*	18·021	+56·578	1·30	44.2113	10·1
...	18·020	+11·880	− 5	...	...
...	17·994	−35·253	− 4	...	...
...	17·883	− 3·648	− 4	M	...
681					
*	−17·808	+30·483	2·30	45.2006	8·7
...	17·707	+42·064	− 5	...	...
...	17·657	+16·427	− 4	...	...
...	17·463	+13·263	− 2	...	...
...	17·433	+30·487	− 4	...	...
...	−17·420	−26·780	0·70	46.2014	10·4
*	17·396	+42·685	1·80	45.2007	9·3
‡	17·306	+39·843	1·60	45.2008	9·2
...	17·267	− 9·828	0·80	46.2015	10·2
...	17·235	−43·328	− 5	M	...
691–750					
691					
...	−17·194	−10·221	− 4	M	...
*	17·086	−40·500	1·00	46.2016	10·1
*	17·027	+30·847	1·15	45.2009	9·8
...	17·023	−45·019	− 4	...	...
...	17·021	+54·389	− 3	...	...
...	−17·003	−52·816	0·65	...	...
...	16·964	+13·727	− 3	...	...
...	16·951	+ 7·373	− 5	...	...
...	16·936	+55·843	− 3	...	...
...	16·835	+22·824	0·75	45.2010	10·4
701					
...	−16·589	+34·178	− 5	...	...
...	16·434	−18·660	− 5	...	...
*	16·421	+58·281	1·30	44.2120	10·1
...	16·417	−26·064	− 5	M	...
...	16·255	+48·442	− 5	...	...
...	−16·135	+57·187	− 3	...	...
...	16·059	−27·210	− 2	...	...
...	16·049	+38·797	− 5	...	...
*	16·035	−16·521	1·00	46.2018	10·0
...	16·032	+ 8·042	− 2	...	...
711					
...	−15·998	−32·582	− 4	...	...
...	15·608	+21·720	0·70	45.2011	10·4
...	15·606	+53·434	0·65	...	...
...	15·564	+ 6·760	0·70	...	...
*	15·455	−54·119	1·15	46.2019	10·0
...	−15·404	+20·840	− 3	...	...
‡	15·364	+35·806	0·90	45.2012	10·1
...	15·349	−46·628	− 5	M	...
†	15·345	+ 6·277	− 1	...	...
...	15·334	−37·166	0·70	46.2020	10·4
721					
*	−15·242	+11·743	1·00	45.2013	10·2
†	15·240	−37·097	− 4	M	...
...	15·159	+56·584	− 3	...	...
...	15·122	+12·052	− 4	...	...
...	15·057	+18·287	0·75	...	...
...	−15·028	−23·020	0·85	...	...
...	14·943	+42·653	0·85	...	...
...	14·901	−25·439	− 5	M	...
*	14·896	−57·918	2·00	46.2021	8·9
...	14·816	−52·102	− 5	M	...
731					
*	−14·776	−16·673	1·10	46.2023	10·1
...	14·685	−25·733	0·65	...	...
...	14·665	+40·318	0·70	...	...
S *	14·623	+26·172	2·75	45.2014	8·4
...	14·620	−22·335	− 5	M	...
...	−14·611	−43·062	− 3	M	...
...	14·586	+58·172	− 5	...	...
...	14·499	+39·407	0·70	...	...
...	14·497	−37·680	− 5	M	...
†	14·480	+19·969	− 4	...	...
741					
*	−14·406	+21·324	1·10	45.2015	9·9
N [	14·380	−32·834	− 2	...	...
N [	14·317	−32·813	− 1	...	...
...	14·289	+24·247	0·70	...	...
...	14·213	+58·780	− 5	...	...
...	−14·086	−24·776	− 1	A	...
*	14·056	−59·707	1·10	46.2024	9·8
*	13·983	+ 9·293	1·00	45.2016	10·0
*	13·886	+ 6·296	1·25	45.2017	9·9
*	13·857	−46·348	0·95	46.2025	10·4
751–810					
751					
...	−13·791	+37·542	0·70	°	...
...	13·779	+41·684	− 5	...	...
...	13·761	−40·794	− 5	M	...
...	13·680	−10·324	− 5	M	...
...	13·672	− 2·169	0·65	...	...
...	−13·625	−24·281	0·70	...	...
...	13·462	−27·533	0·70	...	...
...	13·443	−44·945	− 4	M	...
...	13·434	−54·458	0·65	...	...
†	13·427	+34·954	0·80	...	...
761					
...	−13·403	+41·938	− 5	...	...
...	13·338	−25·630	− 1	A	...
...	13·333	+53·163	0·90	45.2018	10·4
*	13·327	−33·983	1·70	46.2026	9·0
...	13·320	+53·328	0·75	...	...
...	−13·087	− 9·363	0·65	A	...
...	13·018	+20·207	− 5	...	...
...	12·984	+14·544	− 5	...	...
...	12·948	+30·579	0·70	...	...
...	12·684	−30·773	0·75	...	...
771					
*	−12·588	+25·918	1·00	45.2019	10·0
...	12·549	−30·390	0·65	...	...
...	12·452	−16·269	− 1	A	...
*	12·394	−49·797	0·85	46.2028	10·4
...	12·366	+47·618	0·80	...	...
...	−12·254	−49·770	0·70	...	...
...	12·104	−43·109	− 5	M	...
...	12·102	+41·955	− 3	...	...
...	12·098	− 5·581	− 5	M	...
...	12·082	+57·769	0·65	...	...
781					
...	−11·856	+33·195	0·75	...	...
*	11·666	+24·387	0·95	45.2020	10·4
...	11·655	−26·002	− 5	M	...
...	11·603	+40·890	− 3	...	...
*	11·547	−12·750	1·00	46.2029	10·4
...	−11·534	+19·807	− 3	...	...
...	11·432	−48·639	− 5	M	...
...	11·246	−25·905	0·65	A	...
...	11·240	+38·900	0·80	...	...
...	11·224	− 8·109	− 2	M	...
791					
...	−11·214	−42·408	0·90	...	...
...	11·199	−16·651	− 5	M	...
*	11·196	+44·417	3·00	45.2021	7·9
...	11·171	+38·182	− 5	...	...
*	11·155	−37·886	1·20	46.2030	9·6
...	−11·083	−55·616	0·70	...	...
...	11·010	−17·120	− 5	M	...
*	10·805	+56·018	1·05	45.2022	10·0
...	10·745	+57·905	0·80	...	...
*	10·732	−36·382	0·90	46.2031	10·1
801					
*	−10·611	− 1·290	0·90	45.2023	10·4
...	10·544	+21·097	− 5	...	...
†	10·318	− 6·204	0·70	46.2032	10·4
...	10·236	+39·617	− 5	...	...
...	10·233	+33·261	− 5	...	...
...	−10·201	+28·154	− 2	...	...
...	10·181	+34·861	− 3	...	...
...	9·958	+56·847	0·70	...	...
...	9·880	−31·481	− 5	M	...
...	9·616	+54·362	0·70	...	...

742, 743. 47°48, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
811–870					
811					
...	− 9′·497	+10′·408	− 3	° ...	...
S *	9·306	−45·067	1·90	46.2033	8·9
...	8·938	+31·819	− 2	...	...
...	8·837	−43·553	− 4	...	...
†	8·813	+19·994	0·75	45.2024	10·2
...	− 8·619	+42·596	− 5	...	...
...	8·607	+20·250	− 3	...	...
...	8·606	−50·839	− 5	M *m*	...
...	8·478	−47·204	− 4	M *m*	...
...	8·419	−42·545	− 5	M *m*	...
821					
...	− 8·310	+17·707	− 5	...	...
†	8·301	−19·918	0·70	46.2034	10·4
...	8·247	−55·730	− 3	*m*	...
...	8·217	+57·154	− 5	...	...
*	8·210	+38·768	1·05	45.2025	10·0
...	− 8·123	−55·361	− 4	M *m*	...
...	8·107	−34·144	− 4	*m*	...
...	8·032	−45·482	− 3	...	...
...	8·005	−46·641	− 2	...	...
...	7·859	− 3·909	− 3	M *m*	...
831					
...	− 7·755	+41·731	− 3	...	...
...	7·746	− 1·509	− 2	*m*	...
...	7·656	+15·718	− 3	...	...
...	7·503	−12·280	− 5	M *m*	...
...	7·480	−51·692	− 5	M *m*	...
...	− 7·392	− 9·532	− 4	M *m*	...
‡	7·128	+49·836	0·85	45.2026	10·2
...	7·094	−53·471	0·70	46.2036	10·4
...	7·027	+ 7·645	− 5	*m*	...
*	6·908	−20·351	1·25	46.2037	9·8
841					
...	− 6·758	+ 9·401	− 3	*m*	...
*	6·738	− 3·735	3·40	45.2027	8·0
...	6·651	−52·020	− 2	...	...
...	6·484	−40·408	− 4	*m*	...
*	6·417	+36·594	1·15	45.2028	9·8
...	− 6·413	−49·550	− 3	...	...
...	6·405	+10·183	− 5	*m*	...
...	6·300	−32·831	− 5	M *m*	...
...	6·238	+16·444	0·80	45.2030	10·4
*	6·220	+43·779	2·30	45.2029	8·7
851					
*	− 6·131	+57·112	1·15	44.2142	9·9
S *	5·993	−13·169	2·70	46.2038	8·6
*	5·936	+ 3·139	1·15	45.2031	10·0
...	5·920	−53·218	− 5	M *m*	...
...	5·900	+51·092	− 4	*m*	...
...	− 5·898	−41·311	− 5	M *m*	...
...	5·570	−54·332	− 5	M *m*	...
...	5·552	−36·366	− 4	*m*	...
...	5·479	−51·793	− 3	...	...
...	5·423	+41·798	− 4	*m*	...
861					
...	− 5·237	+ 4·869	− 4	*m*	...
...	5·229	−33·492	0·70	46.2039	10·4
...	5·214	−23·965	− 5	M *m*	...
...	5·063	−59·550	− 5	M *m*	...
*	4·844	−32·526	3·00	46.2040	7·9
...	− 4·757	+43·303	− 4	*m*	...
...	4·697	− 3·200	− 4	M *m*	...
*	4·088	−37·126	0·95	46.2041	10·2
...	3·973	+52·544	0·85	...	...
*	3·963	−36·373	0·90	46.2042	10·4
871–930					
871					
...	− 3′·809	−24′·317	0·80	° ...	...
...	3·674	+35·286	− 5	*m*	...
...	3·658	+46·337	− 5	*m*	...
...	3·657	−46·031	0·70	*m*	...
*	3·649	−16·625	0·95	46.2043	10·2
*	− 3·639	+33·146	0·95	45.2032	10·2
...	3·635	+31·425	− 5	*m*	...
...	3·544	+27·278	− 5	*m*	...
...	3·505	−45·332	− 5	M *m*	...
...	3·410	+57·403	0·65	*m*	...
881					
...	− 3·389	+53·675	− 5	*m*	...
...	3·250	−48·768	− 4	M *m*	...
†	3·224	+54·890	− 4	M *m*	...
...	3·193	−35·354	0·70	...	...
*	3·120	+46·858	1·10	45.2033	9·8
*	− 2·992	− 6·820	0·95	46.2044	10·2
...	2·909	+49·476	− 5	*m*	...
...	2·782	+47·869	− 5	*m*	...
...	2·760	−48·306	0·65	*m*	...
...	2·638	+46·827	0·65	*m*	...
891					
...	− 2·553	−12·691	− 5	M *m*	...
...	2·548	−56·138	0·75	...	...
...	2·537	+49·356	− 5	*m*	...
*	2·140	−25·054	0·90	46.2045	10·4
...	2·140	−37·137	0·70	...	...
†	− 2·125	+39·891	− 4	*m*	...
...	2·061	−28·401	− 3	M *m*	...
...	2·011	−34·268	0·80	46.2046	10·4
...	1·909	+ 6·630	0·80	45.2034	10·4
...	1·839	−51·371	0·65	*m*	...
901					
*	− 1·646	+19·669	0·90	45.2035	10·4
...	1·585	−48·858	− 5	M *m*	...
*	1·530	+23·562	1·05	45.2036	9·8
...	1·523	−11·101	− 5	M *m*	...
...	1·519	+28·070	− 5	M *m*	...
...	− 1·488	+51·204	0·75	...	...
...	1·408	−58·253	− 3	M *m*	...
...	1·341	−52·529	0·75	...	...
...	1·101	−31·548	0·80	46.2047	10·4
...	1·062	−38·080	− 4	M *m*	...
911					
...	− 1·051	− 9·396	− 1	A *m*	...
...	1·043	−13·454	0·65	M	...
*	1·013	−24·416	1·00	46.2048	10·2
...	0·996	−55·121	− 3	*m*	...
...	0·949	+41·210	0·75	*m*	...
...	− 0·938	+26·516	− 5	*m*	...
...	0·808	+24·367	− 1	*m*	...
...	0·776	+57·331	− 5	*m*	...
...	0·708	+41·814	0·70	*m*	...
...	0·637	+48·774	0·65	*m*	...
921					
...	− 0·597	+23·101	0·65	*m*	...
...	0·503	+42·571	− 1	*m*	...
...	0·471	+57·417	− 2	*m*	...
†	0·417	+ 5·136	0·80	45.2037	10·4
†	0·314	+12·759	− 4	*m*	...
...	− 0·229	−34·579	− 4	M *m*	...
...	− 0·183	+ 8·249	− 3	*m*	...
...	+ 0·232	−26·773	0·70	46.2049	10·4
...	0·468	− 0·856	− 3	M *m*	...
*	0·515	− 7·349	1·00	46.2050	10·2
931–990					
931					
*	+ 0′·843	−13′·765	2·00	° 46.2051	9·1
*	0·951	−45·101	1·25	46.2052	9·8
...	0·988	+ 5·962	0·95	45.2038	10·4
...	1·006	−57·661	− 5	M *m*	...
*	1·011	−46·144	2·00	46.2053	9·0
...	+ 1·018	+ 0·446	− 5	M *m*	...
...	1·065	−24·507	− 3	M	...
‡	1·116	− 0·071	2·90	45.2039	8·2
...	1·155	+53·394	− 5	*m*	...
...	1·292	−10·193	0·65	46.2054	10·4
941					
...	+ 1·466	+50·418	− 3	*m*	...
...	1·540	−40·217	− 2	...	...
...	1·565	−27·170	− 4	M	...
...	1·573	+30·189	− 3	*m*	...
...	1·744	−10·046	0·80	46.2055	10·2
...	+ 1·879	− 8·854	− 3	M	...
...	1·951	+36·710	− 2	45.2040	10·4
...	2·216	+40·144	− 5	*m*	...
...	2·415	−46·091	0·70	...	...
...	2·510	−42·804	− 5	M *m*	...
951					
...	+ 2·515	+33·107	− 5	*m*	...
...	2·598	− 3·581	− 5	M *m*	...
...	2·718	+14·338	− 3	*m*	...
...	2·751	+55·772	− 3	*m*	...
...	2·903	+ 4·968	− 4	*m*	...
...	+ 3·037	+ 7·855	0·75	45.2041	10·4
...	3·257	−30·084	− 3	...	...
...	3·268	−41·317	− 5	M *m*	...
...	3·277	+ 7·164	0·85	45.2043	10·4
*	3·374	+59·100	1·00	44.2162	10·2
961					
*	+ 3·409	− 1·515	1·90	45.2042	9·3
...	3·446	+29·124	− 4	*m*	...
...	3·565	+24·047	− 4	*m*	...
...	3·597	−33·365	− 4	M	...
...	3·668	−31·532	− 3	...	...
...	+ 3·682	− 6·339	− 3	M *m*	...
...	3·754	+48·575	− 2	...	...
...	3·830	−24·078	0·85	46.2056	10·2
...	3·855	−52·889	− 2	...	...
...	4·069	− 2·973	0·90	45.2044	10·2
971					
...	+ 4·244	+50·871	− 5	*m*	...
...	4·270	+45·815	− 3	...	...
...	4·467	+ 1·378	− 4	*m*	...
†	4·632	+33·508	− 4	*m*	...
...	4·703	+15·313	− 4	*m*	...
...	+ 4·860	+57·713	0·80	...	...
...	4·874	−24·105	− 5	M *m*	...
...	4·912	−23·286	− 5	M *m*	...
...	4·918	−27·092	0·70	...	...
*	5·258	+43·483	1·05	45.2045	9·7
981					
*	+ 5·684	−39·730	0·90	46.2058	10·4
...	5·826	−53·770	0·85	...	...
*	5·830	+11·664	1·05	45.2046	10·0
...	5·843	+15·928	− 5	*m*	...
...	5·860	−19·505	0·85	46.2057	10·4
*	+ 5·863	+57·284	1·10	44.2166	9·8
...	5·883	−52·557	0·65	A *m*	...
*	5·926	−33·661	1·00	46.2060	10·4
*	6·065	−17·262	2·90	46.2059	8·7
...	6·105	−20·534	− 5	M *m*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
991-1050					
991					
...	+ 6·123	+30·831	− 5	m	...
...	6·144	+23·460	0·85	...	...
*	6·206	+29·337	0·95	45.2047	10·4
...	6·257	+53·657	0·70	m	...
*	6·258	−17·007	2·40	46.2061	9·0
...	+ 6·281	+53·584	0·80	...	...
...	6·385	+33·580	0·70	...	...
...	6·518	+43·767	0·80	...	...
*	6·642	−41·234	1·30	46.2062	9·7
...	6·666	−32·801	− 5	M m	...
1001					
...	+ 6·685	−55·054	− 3	M m	...
...	6·796	+57·399	0·90	44.2167	10·4
...	6·842	+49·503	− 5	m	...
...	7·055	+48·731	0·80	...	...
*	7·086	+30·707	1·00	45.2048	10·4
*	+ 7·111	− 0·364	1·05	45.2049	9·9
...	7·365	+51·052	− 5	m	...
...	7·396	+32·100	0·90	45.2050	10·4
...	7·464	+49·505	0·75	...	...
*	7·560	−21·645	1·60	46.2063	9·6
1011					
*	+ 7·610	−48·375	1·30	46.2064	9·7
...	7·721	+28·510	0·70	a	...
...	7·964	−34·701	− 5	M m	...
...	8·162	+38·640	− 5	m	...
...	8·229	+30·173	0·85	45.2051	10·4
*	+ 8·276	−26·748	0·95	46.2065	10·2
...	8·322	+20·333	0·65	b	...
...	8·344	+32·464	0·75	...	...
*	8·429	−56·243	0·90	46.2066	10·4
*	8·510	+41·919	0·90	...	...
1021					
*	+ 8·511	−58·873	1·00	46.2067	10·2
...	8·639	+12·370	− 5	m	...
...	8·865	+27·156	− 5	m	...
...	9·023	−30·272	0·70	...	...
... [	9·028	−31·202	0·75	46.2068	10·4
... [	+ 9·066	−31·154	− 3	a	...
...	9·057	+ 8·688	− 3	m	...
*	9·101	+44·784	1·05	45.2052	9·8
...	9·154	−58·973	− 4	m	...
...	9·164	+23·649	0·65	b	...
1031					
†	+ 9·195	+10·027	− 4	m	...
...	9·200	+54·203	0·65	b	...
...	9·250	−54·345	− 3	m	...
...	9·279	+21·250	− 4	m	...
...	9·383	+ 2·306	− 3	m	...
...	+ 9·475	−51·541	0·70	...	...
...	9·488	+26·444	− 5	m	...
...	9·500	+30·390	− 3	m	...
...	9·529	− 3·565	0·80	...	...
...	9·540	−40·809	0·65	...	...
1041					
†	+ 9·579	+19·213	0·75	...	...
‡	9·633	−14·748	0·80	46.2069	10·4
*	9·787	−46·708	2·00	46.2070	8·8
...	9·789	−55·176	− 5	m	...
*	9·813	+48·767	1·25	45.2053	9·7
...	+ 9·873	− 3·901	− 5	m	...
...	10·007	−38·955	− 5	m	...
...	10·098	+46·871	− 5	m	...
...	10·324	−32·032	− 2	...	...
...	10·505	+38·117	− 3	...	...
1051-1110					
1051					
...	+10·531	−14·270	− 4	m	...
...	10·591	−37·534	0·90	46.2071	10·4
...	10·635	−53·553	0·80	46.2073	10·4
...	10·679	−52·334	0·80	46.2074	10·4
...	10·772	−43·412	− 5	m	...
...	+10·809	+32·192	− 3	m	...
*	10·848	−44·710	1·05	46.2075	10·0
...	10·915	−54·607	− 5	m	...
...	10·959	+48·175	− 3	...	...
...	11·130	−41·466	− 2	...	...
1061					
...	+11·236	+18·759	0·80	45.2054	10·4
...	11·319	−42·281	0·65	...	...
...	11·334	+22·402	− 4	m	...
...	11·465	−47·278	0·65	...	...
...	11·697	−32·929	− 4	m	...
...	+11·745	− 4·365	0·70	...	...
*	11·778	−46·489	1·05	46.2076	9·9
...	11·796	+18·658	− 2	...	...
...	11·980	−59·010	− 4	m	...
...	11·981	+ 2·324	− 5	m	...
1071					
...	+11·989	+17·779	− 3	m	...
...	12·168	+32·162	− 4	m	...
...	12·173	−39·067	− 4	...	...
...	12·262	+41·323	− 4	m	...
...	12·269	−53·773	− 3	...	...
...	+12·326	+17·522	− 2	...	...
...	12·541	−28·309	− 4	...	...
...	12·603	−25·615	− 2	...	...
*	12·605	−19·527	1·20	46.2077	9·9
...	12·621	+50·946	− 5	m	...
1081					
...	+12·708	−53·170	− 5	m	...
...	12·771	−40·438	0·70	46.2078	10·4
*	12·789	−38·045	1·90	46.2079	9·0
...	12·818	+28·353	− 5	m	...
...	13·089	+38·123	− 5	m	...
*	+13·175	−51·366	1·70	46.2081	9·3
...	13·200	− 2·652	0·70	45.2055	10·4
...	13·341	− 3·661	0·90	45.2057	10·4
*	13·358	+ 4·458	1·20	45.2056	9·9
...	13·363	−26·153	− 5	m	...
1091					
...	+13·645	− 5·702	0·90	46.2082	10·2
...	13·779	−50·497	− 5	m	...
...	13·845	+41·753	− 3	m	...
...	13·878	+42·461	0·85	45.2058	10·2
*	13·908	+55·741	1·20	45.2059	9·9
...	+13·976	−56·056	− 5	m	...
...	14·079	+26·864	− 4	m	...
...	14·200	−45·474	− 4	m	...
...	14·512	− 3·279	0·85	45.2060	10·4
...	14·538	−56·519	0·80	46.2083	10·4
1101					
†	+14·561	+27·687	0·70	...	...
...	14·640	+54·054	− 2	m	...
...	14·702	+45·380	− 5	m	...
*	14·733	+12·080	1·15	45.2061	9·7
...	14·779	+54·545	− 5	m	...
*	+14·893	+ 7·943	2·90	45.2062	8·6
...	15·007	+25·292	− 5	m	...
...	15·036	+41·855	0·85	45.2063	10·4
...	15·195	+ 4·191	0·75	...	...
...	15·328	+12·352	− 3	m	...
1111-1170					
1111					
...	+15·348	−15·547	− 5	m	...
α*	15·545	+ 0·335	1·00	45.2064	10·4
...	15·549	+ 8·291	− 5	m	...
...	15·590	− 0·899	0·80	...	...
...	15·720	+54·988	− 4	m	...
...	+15·746	+32·752	− 4	m	...
*	15·762	−47·922	0·90	46.2085	10·4
...	15·780	+22·862	− 2	m	...
...	15·849	+56·178	0·75	b	...
...	15·904	+56·539	0·85	...	...
1121					
*	+15·960	− 5·585	0·95	46.2084	10·4
*	16·004	+56·046	1·40	44.2186	9·7
...	16·139	−57·029	− 3	m	...
...	16·244	+10·379	− 4	m	...
...	16·361	+19·728	− 2	b	...
...	+16·396	+38·163	− 4	m	...
...	16·507	+30·352	− 5	m	...
...	16·516	+51·292	0·80	...	...
...	16·518	+41·572	0·75	...	...
...	16·543	−44·430	− 3	m	...
1131					
...	+16·785	+17·380	0·80	45.2066	10·4
...	16·796	−29·147	0·70	...	...
...	16·994	− 1·254	0·80	...	...
...	17·005	+40·156	0·75	...	...
*	17·059	+45·709	1·10	45.2065	9·7
...	+17·064	+23·517	0·80	...	...
*	17·105	+44·373	1·00	45.2067	10·0
*	17·159	−56·981	0·95	46.2087	10·4
*	17·232	−14·584	1·10	46.2086	9·7
*	17·337	+25·602	2·80	45.2068	8·6
1141					
...	+17·343	−46·988	− 4	m	...
...	17·386	−11·339	− 5	m	...
...	17·414	+ 1·590	− 3	m	...
*	17·423	+20·055	1·00	45.2069	9·9
...	17·438	−38·443	0·80	...	...
...	+17·452	+34·720	− 4	m	...
...	17·614	+45·129	0·70	...	...
*	17·621	−56·508	1·05	46.2090	10·2
*	17·650	+25·297	1·00	45.2070	10·1
...	17·715	−55·782	− 4	m	...
1151					
...	+17·793	−18·647	0·90	46.2088	10·4
*	17·826	− 1·114	1·00	45.2071	10·0
...	17·830	+ 3·719	− 3	m	...
...	17·846	−25·261	− 4	...	...
*	17·966	−20·231	1·00	46.2089	9·8
...	+18·181	+14·722	− 5	m	...
...	18·194	−54·064	− 4	m	...
...	18·240	+ 9·276	− 4	m	...
...	18·274	+23·246	− 5	m	...
...	18·331	+ 3·619	− 3	m	...
1161					
...	+18·333	+21·401	0·70	...	...
*	18·341	−38·196	1·00	46.2091	10·2
...	18·363	+16·787	0·80	...	...
...	18·414	+22·158	− 5	m	...
...	18·448	+22·285	− 5	m	...
...	+18·462	+39·073	− 5	m	...
*	18·505	−57·785	1·00	46.2092	10·4
*	18·647	+ 2·484	1·05	45.2073	10·0
...	18·676	+42·954	− 5	m	...
*	18·734	+39·533	1·20	45.2072	9·4

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
1171–1230					
1171					
...	+18′828	+22′812	0·70	°b	...
...	18·851	+57·339	− 5	m	...
...	18·870	−57·679	0·80	46.2093	10·4
*	18·875	−46·830	1·00	46.2094	10·2
...	18·981	+39·217	− 5	m	...
*	+19·111	−43·294	1·05	46.2095	10·0
...	19·298	− 7·640	− 5	m	...
...	19·366	+16·883	− 2	m	...
...	19·379	−33·782	− 5	m	...
*	19·391	+41·959	1·20	45.2074	9·6
1181					
...	+19·514	−41·844	0·80	...	...
‡	19·550	+44·442	1·00	45.2075	9·7
‡	19·668	−48·328	1·40	46.2096	9·4
...	19·843	−34·538	0·75	46.2097	10·4
*	20·019	+54·027	1·25	45.2076	9·8
...	+20·157	+41·299	− 3	...	...
...	20·203	−12·512	− 4	m	...
...	20·216	+26·172	− 4	m	...
...	20·310	+ 8·415	− 3	m	...
*	20·583	−31·782	2·25	46.2098	8·8
1191					
...	+20·607	+51·697	− 4	m	...
...	20·645	+25·566	− 3	...	...
*	20·861	+28·058	1·80	45.2079	9·3
...	20·905	−16·514	0·70	...	...
‡	20·922	+ 5·053	1·05	45.2080	9·9
...	+20·940	+41·252	− 2	...	...
S*	20·955	+52·248	2·70	45.2077	8·3
...	21·000	−47·882	− 5	m	...
*	21·091	+52·678	2·50	45.2078	8·5
...	21·214	− 3·596	− 4	...	...
1201					
...	+21·303	+15·292	− 5	m	...
...	21·387	+28·807	0·65	...	...
...	21·548	− 7·259	0·80	46.2099	10·4
...	21·713	+36·929	− 4	m	...
...	21·765	−28·422	0·80	46.2100	10·1
...	+ 21·766	−38·327	− 3	...	...
...	21·796	−21·892	− 5	m	...
*	21·963	−45·650	2·80	46.2101	8·3
...	22·049	+20·709	− 4	m	...
*	22·229	−27·464	2·50	46.2102	8·8
1211					
...	+22·242	−16·964	0·70	...	...
...	22·250	+12·743	− 4	m	...
...	22·377	−46·700	0·65	...	...
...	22·437	−47·199	− 5	m	...
N [	22·474	− 9·511	0·65	46.2103	10·2
N [	+22·492	− 9·475	− 2		
...	22·653	+ 4·383	0·90	45.2082	10·2
...	22·741	−21·130	− 5	m	...
*	22·750	+10·110	0·85	45.2083	10·2
...	22·771	+ 8·370	− 2	...	...
1221					
...	+22·871	−28·672	− 2	...	...
...	22·891	+20·266	0·65	45.2081	10·4
...	23·054	−34·034	− 5	m	...
...	23·086	−19·189	0·70	...	...
...	23·107	− 7·826	0·90	46.2104	10·2
α *	+23·146	+ 0·151	1·30	45.2084	9·8
S *	23·190	−41·607	4·60	46.2105	6·9
...	23·231	+55·761	− 1	...	...
†	23·311	−34·942	− 4	m	...
*	23·379	−43·996	0·95	46.2106	10·2

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
1231–1290					
1231					
*	+23′491	−38′322	1·15	46.2107	9·8
...	23·495	+23·993	− 4	m	...
...	23·566	+ 3·081	− 2	...	...
...	23·569	−48·386	− 3	...	...
...	23·814	+31·643	− 4	m	...
...	+23·858	+28·455	− 4	m	...
...	23·873	+13·782	− 5	m	...
...	23·955	− 0·539	− 4	m	...
*	24·008	−28·411	1·05	46.2108	10·0
...	24·046	+26·021	− 4	m	...
1241					
...	+24·048	−26·145	0·85	46.2109	10·4
...	24·060	+23·286	− 3	...	...
...	24·094	+36·467	− 4	m	...
...	24·206	−10·162	− 4	m	...
...	24·327	+56·713	0·80	44.2196	10·4
...	+24·436	−15·450	− 3	...	...
...	24·489	−27·505	0·75	46.2110	10·4
...	24·503	−22·073	0·65	...	...
†	24·547	+ 4·239	0·95	45.2085	10·2
*	24·993	−22·156	2·15	46.2111	9·0
1251					
...	+25·083	+59·730	− 4	m	...
*	25·085	+ 4·334	0·90	45.2086	10·4
...	25·202	−55·062	− 3	m	...
...	25·374	+49·504	− 5	m	...
...	25·427	−51·107	0·85	...	...
...	+25·477	−45·848	− 5	m	...
...	25·497	+56·770	− 5	m	...
...	25·518	+16·612	0·65	...	...
...	25·547	−32·144	− 5	m	...
*	25·556	+11·428	1·30	45.2089	9·6
1261					
...	+25·579	+13·076	− 5	m	...
...	25·600	−25·137	− 5	m	...
*	25·603	+16·239	0·95	45.2088	10·2
*	25·672	+35·996	1·10	45.2087	9·7
...	25·823	− 0·354	− 3	m	...
...	+25·874	+30·804	− 4	m	...
...	26·009	+29·759	− 3	m	...
...	26·044	−28·763	0·80	...	...
...	26·138	−19·744	0·80	...	...
...	26·154	−23·007	0·75	...	...
1271					
...	+26·234	+31·524	− 5	m	...
*	26·367	−27·658	0·95	46.2112	10·4
...	26·425	+35·889	− 5	m	...
...	26·490	−53·760	− 5	m	...
...	26·584	+ 0·356	− 3	m	...
...	+26·674	−52·337	− 1	a	...
...	26·849	− 9·774	− 2	m	...
...	26·852	+30·579	0·90	...	...
...	26·963	−14·598	− 2	m	...
...	27·023	+22·094	0·90	45.2091	10·4
1281					
*	+27·044	−55·439	1·00	46.2116	10·0
*	27·101	+54·134	0·90	45.2090	10·4
...	27·112	− 4·144	− 5	m	...
*	27·125	+26·582	0·90	45.2092	10·4
...	27·131	+29·576	− 5	m	...
...	+27·195	−49·196	− 5	m	...
...	27·211	+53·910	− 4	m	...
*	27·230	− 5·021	1·10	46.2113	10·0
...	27·296	−29·441	0·80	46.2115	10·4
*	27·298	− 9·095	0·95	46.2114	10·4

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
1291–1350					
1291					
...	+27′307	− 5′246	− 3	°m	...
*	27·451	+34·149	1·15	45.2093	9·4
...	27·498	+ 3·693	− 5	m	...
*	27·528	+14·574	1·00	45.2094	9·9
...	27·561	−14·743	− 4	m	...
...	+27·629	+26·360	0·70	a	...
*	27·781	+ 2·823	1·20	45.2096	9·7
S*	27·788	+17·358	2·85	45.2095	7·8
...	27·855	−49·251	0·75	...	...
...	27·953	−46·810	− 4	m	...
1301					
...	+27·959	− 0·606	− 4	m	...
...	28·093	−16·276	− 5	m	...
...	28·102	+32·498	0·65	b	...
*	28·162	+43·027	1·00	45.2097	10·0
...	28·165	+13·259	− 4	m	...
*	+28·238	−28·706	0·90	46.2117	10·4
...	28·270	+30·209	− 3	m	...
*	28·307	+27·009	1·05	45.2098	10·0
*	28·439	−47·860	0·90	...	...
...	28·447	+21·835	0·70	...	...
1311					
...	+28·451	+26·038	0·80	...	...
*	28·503	+ 8·818	1·00	45.2099	10·2
...	28·540	−38·557	− 4	m	...
...	28·702	+32·762	0·75	...	...
*	28·704	+40·754	1·80	45.2100	8·9
...	+28·768	−56·226	− 5	m	...
...	28·787	−51·006	− 1	a	...
...	28·793	− 9·122	− 5	m	...
...	28·825	−47·585	− 5	m	...
...	28·858	−19·839	0·70	...	...
1321					
...	+28·903	+58·937	0·80	44.2206	10·4
...	28·948	−38·834	− 5	m	...
*	28·963	−53·298	1·05	46.2118	9·9
*	29·012	+37·062	0·90	45.2101	10·4
...	29·044	+16·605	0·75	b	...
...	+29·061	+44·649	− 2	m	...
...	29·174	+19·776	0·70	...	...
...	29·272	+ 9·010	− 5	m	...
...	29·353	−29·601	− 5	m	...
...	29·370	− 4·885	− 3	m	...
1331					
...	+ 29·503	−23·810	− 5	m	...
†	29·525	− 1·038	− 4	m	...
‡	29·593	−27·697	1·40	46.2121	9·1
†	29·604	−23·696	0·75	46.2119	10·1
...	29·675	−21·044	− 2	...	...
...	+29·676	−36·613	− 4	m	...
...	29·727	+36·253	− 2	...	...
*	29·780	−43·381	1·25	46.2122	9·7
*	29·783	−10·818	0·90	46.2120	10·1
...	29·933	−38·687	− 3	...	...
1341					
...	+30·064	+ 0·728	− 5	m	...
...	30·159	+37·911	0·65	...	...
...	30·259	+34·657	− 4	m	...
...	30·355	+41·654	0·80	45.2102	10·4
...	30·406	−56·878	0·85	46.2125	10·4
...	+30·461	+31·265	− 3	m	...
...	30·494	−26·293	− 4	m	...
...	30·514	+55·616	− 3	...	...
...	30·718	− 8·878	0·70	46.2123	10·4
*	30·868	+53·449	2·40	45.2103	8·4

1215, 1216. 47°49, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
1351–1410					
1351	′	′		°	
...	+30·977	−49·982	0·75	46.2128	10·4
*	31·032	−11·540	0·85	46.2124	10·2
...	31·095	−37·916	0·80	46.2127	10·2
...	31·117	−11·973	0·75	46.2126	10·4
...	31·141	−40·102	− 4	*m*	...
...	+31·158	+17·422	− 5	*m*	...
...	31·204	+32·085	− 4	*m*	...
...	31·325	+41·142	− 5	*m*	...
...	31·360	+55·923	− 5	*m*	...
...	31·376	+45·276	− 3	...	...
1361					
...	+31·385	− 2·420	− 2	...	...
...	31·430	+38·467	0·85	45.2104	10·2
...	31·566	+30·863	− 4	*m*	...
...	31·570	− 1·898	− 3	*m*	...
...	31·595	−33·335	− 5	*m*	...
...	+31·620	+56·083	0·85	46.2130	10·4
...	31·734	−50·085	− 5	*m*	...
...	31·740	+48·581	− 3	...	...
...	31·767	− 1·332	− 2	*m*	...
*	+31·778	+11·639	1·25	45.2105	9·7
1371					
*	+32·155	− 1·774	1·10	45.2106	10·0
*	32·494	+26·202	1·05	45.2107	9·8
†	32·529	+24·938	0·70	45.2108	10·4
*	32·556	+18·876	1·20	45.2109	9·8
*	32·556	−28·746	1·35	46.2132	9·6
...	+32·581	−10·991	− 5	*m*	...
...	32·735	+21·124	− 3	*m*	...
*	32·851	+ 7·223	1·15	45.2110	10·0
...	32·925	+33·766	− 2	...	...
...	33·015	+17·778	− 2	...	...
1381					
...	+33·019	+23·107	− 2	...	...
*	33·092	−52·610	1·50	46.2133	9·4
...	33·191	+50·193	− 5	*m*	...
...	33·232	+13·888	− 4	*m*	...
...	33·261	+23·286	− 3	*m*	...
...	+33·283	+38·040	− 5	*m*	...
...	33·475	+21·434	0·65	...	...
*	33·549	+20·080	1·00	45.2111	10·1
...	33·613	+ 9·277	− 5	*m*	...
...	33·770	−38·044	− 5	*m*	...
1391					
...	+33·855	+50·413	− 1	...	...
*	33·869	−44·447	0·85	46.2134	10·4
...	33·900	− 2·256	− 4	*m*	...
...	33·915	+40·489	− 3	...	...
...	33·995	+26·868	0·70	45.2112	10·4
...	+34·073	+ 5·385	0·70	45.2115	10·4
...	34·147	+12·615	0·75	45.2114	10·4
...	34·192	−44·456	− 5	*m*	...
...	34·214	+35·660	− 4	*m*	...
...	34·336	+36·917	− 5	*m*	...
1401					
*	+34·343	+40·549	1·25	45.2113	9·7
...	34·462	−47·522	− 2	*m*	...
...	34·994	−53·945	− 5	*m*	...
...	35·001	−31·399	− 4	*m*	...
...	35·042	−39·292	0·85	...	...
...	+35·093	+ 2·121	0·70	...	...
...	35·127	−16·102	0·85	46.2135	10·4
...	35·131	−35·163	− 3	*m*	...
...	35·335	+23·518	− 5	*m*	...
...	35·390	−54·405	− 4	*m*	...
1411–1470					
1411	′	′		°	
‡	+35·403	− 9·927	1·00	46.2136	10·2
*n**	35·424	−50·340	1·30	46.2137	9·4
...	35·484	+35·780	− 5	*m*	...
*n**	35·606	−50·409	1·05	46.2137	9·4
...	35·819	−31·383	− 5	*m*	...
...	+35·841	+18·506	0·75	...	...
...	35·850	+49·711	0·70	...	...
...	35·897	+40·114	− 5	*m*	...
*	35·933	+50·839	1·15	45.2116	9·8
*	35·938	−53·420	1·05	46.2138	10·4
1421					
...	+35·964	−29·447	0·80	...	...
...	35·987	+33·334	− 5	*m*	...
...	36·009	+26·664	0·65	*b*	...
*	36·036	−57·510	1·00	46.2139	10·4
...	36·191	−41·682	− 5	*m*	...
*	+36·192	+27·487	1·00	45.2117	10·0
...	36·273	−53·880	0·80	...	...
...	36·279	−23·179	0·90	...	...
...	36·288	−12·552	− 5	*m*	...
...	36·303	−57·395	0·80	...	...
1431					
...	+36·309	− 6·048	− 3	*m*	...
...	36·370	−28·954	− 1	...	...
...	36·439	− 8·232	− 4	*m*	...
...	36·506	−42·155	0·90	...	...
...	36·631	−41·038	− 2	*m*	...
...	+36·647	+21·684	0·90	...	...
...	36·649	−16·005	0·80	...	...
*	36·700	+23·632	1·00	45.2118	9·7
...	36·825	+20·711	0·80	*b*	...
...	36·843	+21·737	0·65	*b*	...
1441					
...	+36·866	+31·804	0·85	...	...
...	36·936	−48·558	− 2	*m*	...
...	36·988	+23·375	− 5	*m*	...
...	37·043	−46·638	− 5	*m*	...
...	37·090	+20·458	− 4	*m*	...
...	+37·130	+34·236	− 4	*m*	...
...	37·131	−29·611	− 3	*m*	...
...	37·140	−23·036	− 5	*m*	...
...	37·145	+51·382	− 5	*m*	...
...	37·320	−48·454	− 2	*m*	...
1451					
*	+37·348	− 3·343	0·95	45.2119	10·4
*	37·385	−28·657	1·00	46.2140	9·9
...	37·484	+19·145	− 4	*m*	...
...	37·505	−28·739	0·80	...	...
*	37·602	−54·470	1·00	46.2141	10·4
...	+37·626	−49·024	− 4	*m*	...
...	37·687	−10·000	− 3	...	...
...	37·805	+ 2·014	− 3	*m*	...
...	37·828	+42·253	0·80	...	...
...	37·876	+44·827	− 4	*m*	...
1461					
...	+37·965	+52·058	− 3	*m*	...
...	38·103	−42·639	− 3	*m*	...
...	38·127	−28·954	− 3	*m*	...
...	38·131	−35·133	− 2	*m*	...
*	38·188	−30·921	1·15	46.2142	9·7
...	+38·206	+44·977	0·80	...	...
*	38·288	+27·066	3·00	45.2120	7·7
...	38·355	+34·528	0·65	...	...
...	38·501	−59·340	− 4	*m*	...
...	38·697	−59·760	− 4	*m*	...
1471–1530					
1471	′	′		°	
...	+38·769	−22·604	0·70	...	...
...	38·829	+ 6·856	− 5	*m*	...
...	38·839	+45·948	− 5	*m*	...
...	38·866	+17·609	− 3	*m*	...
...	38·891	−44·554	− 4	*m*	...
‡	+38·896	+29·992	1·10	45.2121	9·8
...	39·012	+11·322	− 5	*m*	...
*	39·015	−44·396	0·95	46.2144	10·4
*	39·026	−35·319	1·05	46.2143	9·9
...	39·092	+52·324	− 2	*m*	...
1481					
...	+39·146	+36·652	− 4	*m*	...
...	39·259	−18·846	0·75	...	...
...	39·302	−40·267	− 5	*m*	...
...	39·407	−20·372	− 4	*m*	...
...	39·453	−40·308	− 3	*m*	...
†	+39·595	−16·810	− 4	*m*	...
†	39·609	−20·889	0·85	46.2145	10·2
*	39·674	+23·840	2·00	45.2123	9·0
†	39·685	+ 2·775	− 4	*m*	...
*	39·707	+19·757	1·10	45.2122	10·0
1491					
†	+39·755	+ 0·069	− 4	*m*	...
*	40·081	−19·444	1·40	46.2146	9·6
...	40·248	−22·108	− 1	...	...
...	40·384	−25·535	− 4	*m*	...
...	40·479	−38·818	− 5	*m*	...
...	+40·498	− 5·709	− 5	*m*	...
*	40·566	+14·112	1·20	45.2125	9·9
*	40·613	−26·036	1·00	46.2148	10·1
...	40·628	+57·796	− 4	...	...
...	40·629	−47·347	− 5	*m*	...
1501					
*	+40·684	+16·460	1·05	45.2126	10·0
...	40·706	+13·451	− 1	...	...
...	40·818	+40·898	− 5	*m*	...
...	40·846	+ 8·757	− 4	*m*	...
...	40·889	+23·477	0·95	45.2124	10·4
...	+40·984	− 4·012	0·85	45.2128	10·4
...	41·002	−19·268	− 5	*m*	...
*	41·027	+22·256	1·20	45.2127	9·9
...	41·080	+30·841	− 5	*m*	...
...	41·106	−24·970	− 2	...	...
1511					
...	+41·119	+34·775	− 3	...	...
...	41·153	− 1·724	− 4	*m*	...
*	41·257	−42·359	0·90	46.2149	10·2
...	41·568	+48·775	− 5	*m*	...
...	41·695	+22·180	0·90	45.2129	10·2
...	+41·798	−24·576	− 3	*m*	...
...	41·820	+ 6·034	− 5	*m*	...
...	41·825	+22·741	0·70	...	...
...	41·865	−57·450	0·85	46.2152	10·4
...	42·060	−51·158	0·70	...	...
1521					
*	+42·078	+50·005	1·30	45.2130	9·7
...	42·296	+10·263	− 4	*m*	...
*	42·329	−21·322	3·00	46.2150	7·9
...	42·358	−51·337	− 4	*m*	...
...	42·418	−25·600	0·80	...	...
*	+42·585	− 5·155	1·10	46.2151	9·7
...	42·602	+42·666	− 2	...	...
...	42·662	+43·661	− 3	...	...
...	42·776	−20·213	− 4	*m*	...
*	42·783	−41·151	1·10	46.2153	10·0

1412, 1414. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	0·65.	No.	Mag.
1531-1590					
1531				°	
...	+42′·802	+48′·565	− 5	*m*	...
...	42·806	+12·618	0·80	45.2131	10·4
...	43·030	+42·954	0·65	...	...
...	43·257	−25·958	− 5	*m*	...
...	43·262	+38·869	− 4	*m*	...
...	+43·283	−55·035	0·80	46.2155	10·4
*	43·425	+ 7·950	1·05	45.2132	10·1
...	43·542	−37·551	0·70	...	...
...	43·621	− 3·480	− 4	*m*	...
...	43·679	+42·691	− 3	*m*	...
1541					
...	+43·762	+26·305	− 3	...	...
...	43·762	− 6·034	0·75	46.2154	10·4
...	43·805	−55·362	− 5	*e*	...
...	43·839	− 8·246	− 4	*m*	...
...	43·893	− 4·769	− 1	...	...
*	+44·205	+38·918	1·00	45.2133	10·2
†	44·339	+ 9·999	− 1	...	...
...	44·418	−32·006	− 2	...	...
*	44·470	−55·739	1·05	46.2157	10·4
...	44·625	+15·213	− 1	*e*	...
1551					
...	+44·697	− 2·384	− 5	*e*	...
...	44·706	+34·519	− 5	*m*	...
...	44·761	−47·535	− 5	*e*	...
...	44·892	−39·151	− 4	*e*	...
*	44·902	+35·614	1·00	45.2134	10·1
*	+45·002	− 7·755	0·90	46.2156	10·4
...	45·006	− 8·136	0·80	...	...
...	45·138	+52·053	− 5	*m*	...
*	45·171	+29·880	1·10	45.2136	9·9
...	45·234	− 2·258	− 5	*e*	...
1561					
...	+45·304	− 4·886	− 5	*e*	...
*	45·305	+37·185	1·00	45.2135	9·8
...	45·328	−31·339	0·70	*e*	...
...	45·492	+54·616	0·90	...	...
...	45·516	+47·975	0·80	...	...
...	+45·544	+43·821	0·80	...	...
...	45·585	+32·164	0·75	...	...
...	45·629	−21·026	0·80	...	...
...	45·679	+ 1·416	− 4	*e*	...
...	45·930	+54·801	− 3	*e*	...
1571					
...	+45·935	+17·217	0·65	...	...
*	45·946	−16·084	0·95	46.2158	10·2
...	45·975	− 0·968	0·70	*e*	...
...	46·131	−29·081	− 5	*m*	...
...	46·132	+56·162	0·90	44.2242	10·4
...	+46·212	+ 1·463	0·65	*e*	...
*	46·216	+ 8·300	0·95	45.2137	10·1
...	46·236	−28·219	− 5	*e*	...
...	46·237	−41·930	0·85	...	...
*	46·297	− 8·257	1·00	46.2159	9·9
1581					
...	+46·379	+45·061	− 3	*e*	...
...	46·402	+ 7·186	− 4	*e*	...
...	46·412	+29·474	0·70	...	...
...	46·440	+ 1·020	− 5	*e*	...
...	46·496	+57·241	0·65	...	...
*	+46·557	−47·991	1·00	46.2161	10·4
...	46·570	−37·059	0·80	...	...
...	46·665	− 9·486	− 5	*m*	...
*	46·667	−32·310	0·90	...	...
*	46·683	− 0·877	1·00	45.2139	10·0

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	0·65.	No.	Mag.
1591-1650					
1591				°	
...	+46′·684	+20′·750	0·70	...	...
...	46·718	+ 4·075	0·65	*e*	...
*	46·726	− 9·166	0·90	46.2160	10·4
...	46·761	+59·489	− 5	*e*	...
...	46·859	−12·531	0·80	*e*	...
...	+46·863	−25·105	− 3	*e*	...
*	46·959	+28·395	1·70	45.2138	9·4
...	47·051	−14·448	0·80	...	...
*	47·114	−58·164	3·50	46.2164	7·4
...	47·417	−32·724	− 3	*e*	...
1601					
...	+47·442	+40·722	− 1	*e*	...
...	47·482	−48·082	− 5	*e*	...
*	47·498	−42·818	0·95	46.2163	10·4
...	47·527	+33·926	0·65	...	...
...	47·535	+31·316	− 3	*e*	...
*	+47·607	+14·830	0·90	45.2141	10·4
...	47·665	+41·711	− 5	*e*	...
*	47·851	+18·932	1·00	45.2140	10·2
...	47·926	+40·791	− 5	*e*	...
*	48·084	−31·840	1·05	46.2165	9·7
1611					
...	+48·091	−43·466	− 5	*e*	...
...	48·169	−41·172	0·80	...	...
...	48·181	+18·596	0·75	...	...
...	48·196	+ 3·145	0·85	...	...
...	48·206	+27·683	− 5	*e*	...
...	+48·267	−54·070	− 4	*m*	...
...	48·286	+56·894	0·90	44.2247	10·4
...	48·291	−18·001	− 5	*e*	...
*	48·331	+ 4·528	1·80	45.2143	8·9
...	48·334	−18·561	− 4	*e*	...
1621					
*	+48·595	+15·404	1·00	45.2144	10·4
...	48·595	−19·338	0·65	*e*	...
*	48·733	−12·988	0·90	46.2166	10·4
...	48·773	−19·163	0·85	...	...
...	48·783	−51·032	− 4	*e*	...
...	+48·869	−35·110	− 5	*e*	...
...	48·870	−16·903	0·70	...	...
*	48·889	−47·784	1·70	46.2168	9·2
...	48·952	− 5·099	− 3	*m*	...
...	48·954	+25·809	0·70	...	...
1631					
*	+48·955	+54·520	1·20	45.2142	9·8
*	49·128	+40·426	0·95	...	...
...	49·134	+45·174	0·65	...	...
...	49·177	−52·501	− 4	*e*	...
*	49·196	+45·363	1·15	45.2145	9·7
...	+49·246	−38·963	0·80	...	...
...	49·252	+44·544	− 5	*m*	...
...	49·256	+23·365	0·70	...	...
...	49·339	−48·449	− 1	*e*	...
...	49·343	−11·955	− 5	*m*	...
1641					
*	+49·426	− 9·546	1·00	46.2167	10·2
...	49·440	−59·002	− 5	*m*	...
‡	49·501	+30·707	0·95	45.2146	10·1
...	49·647	+50·575	− 4	...	...
...	49·871	−43·764	− 3	*e*	...
...	+49·913	+55·685	− 4	*e*	...
...	49·944	−50·480	− 5	*e*	...
...	49·985	+15·870	− 4	*e*	...
...	50·066	+48·660	− 3	...	...
...	50·103	−11·961	− 3	*e*	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	0·65.	No.	Mag.
1651-1710					
1651				°	
...	+50′·320	+27′·212	− 5	*e*	...
*	50·411	+44·593	2·10	45.2147	8·8
*	50·519	+ 2·838	0·90	45.2149	10·0
...	50·534	−45·146	− 4	*e*	...
...	50·641	+37·469	− 5	*e*	...
...	+50·703	− 7·911	− 3	...	...
...	50·737	+38·077	− 1	...	...
...	50·886	−27·496	− 5	*m*	...
...	50·902	+46·413	0·75	45.2148	10·4
...	50·947	+ 0·775	− 3	*e*	...
1661					
...	+51·018	+26·790	− 3	...	...
...	51·031	−26·701	− 5	*e*	...
...	51·117	+ 9·954	− 4	*e*	...
...	51·130	+37·506	− 5	*e*	...
...	51·137	−59·415	− 5	*e*	...
*	+51·331	−17·871	1·00	46.2169	10·0
...	51·341	−15·122	− 4	*e*	...
...	51·546	−23·099	0·80	46.2170	10·4
*	51·561	−58·021	2·20	46.2171	8·6
*	51·566	+57·065	1·90	44.2258	9·4
1671					
...	+51·570	+ 8·132	0·70	45.2150	10·4
...	51·599	+ 5·856	− 5	*e*	...
...	51·721	+ 4·917	− 5	*e*	...
...	51·922	+56·902	− 5	...	...
...	51·972	−32·675	− 5	*m*	...
*	+52·070	+ 2·678	1·00	45.2151	10·0
...	52·235	+29·153	− 5	*e*	...
...	52·237	−45·332	− 3	*m*	...
...	52·291	+ 7·379	− 5	*e*	...
...	52·396	−20·477	− 4	*e*	...
1681					
...	+52·491	+ 5·901	− 2	...	...
*	52·549	−48·893	1·70	46.2172	9·6
...	52·588	+22·991	− 5	*e*	...
...	52·663	+45·245	− 4	...	...
...	52·851	+ 4·091	− 3	*e*	...
...	+52·877	+ 8·273	− 4	*e*	...
...	52·899	+54·260	− 5	*e*	...
...	52·905	−44·747	− 4	*e*	...
...	52·976	+ 0·225	− 3	...	...
...	53·106	+ 6·143	− 5	*e*	...
1691					
...	+53·336	−21·913	0·80	46.2173	10·4
*	53·533	−52·100	1·05	46.2174	10·2
*	53·695	−48·943	1·20	46.2175	10·1
...	53·798	+15·074	− 4	*e*	...
*	53·807	+ 8·555	1·15	45.2154	9·9
...	+53·856	+ 7·911	0·65	...	...
...	53·875	+18·014	− 4	*e*	...
...	53·998	+47·108	− 4	...	...
...	54·039	−20·101	− 5	*e*	...
...	54·070	+ 4·296	− 4	*e*	...
1701					
*	+54·123	+26·722	1·60	45.2155	9·7
*	54·126	−52·382	2·60	46.2178	8·4
...	54·187	+ 5·944	− 2	...	...
...	54·216	+53·802	0·85	45.2152	10·4
...	54·269	+15·528	− 5	*e*	...
*	+54·298	−33·507	1·80	46.2177	9·6
S ‡	54·477	−19·467	1·75	46.2176	9·2
...	54·479	−52·187	− 5	*e*	...
†	54·485	+11·923	− 4	*e*	...
†	54·502	+51·628	0·65	45.2153	10·4

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
1711-1740					
1711	′	′	′	°	
...	+54·722	+42·410	− 4	*e*	...
†	54·783	+14·999	0·75	...	...
*	54·786	−30·081	0·95	46.2179	10·4
S *	54·787	+29·386	2·50	45.2157	8·5
*	54·794	+32·417	1·00	45.2156	10·1
...	+54·987	− 3·093	0·80	...	...
...	55·102	−21·334	− 5	*e*	...
...	55·159	+42·085	0·90	45.2158	10·4
...	55·199	+19·111	0·70	...	...
...	55·204	+17·476	0·70	*e*	...
1721					
...	+55·216	− 3·397	− 1	*e*	...
...	55·228	+ 2·148	0·80	...	...
...	55·242	−38·918	− 5	*e*	...
...	55·256	+33·910	0·75	...	...
...	55·260	−26·847	− 5	*e*	...
...	+55·333	+24·642	− 5	*e*	...
*	55·418	−23·124	1·00	46.2180	10·0
...	55·427	− 5·293	− 4	*e*	...
...	55·455	+42·681	− 5	*m*	...
...	55·532	+ 1·962	− 5	*m*	...
1731					
*	+55·635	+57·742	1·60	44.2269	9·2
...	55·662	−14·165	− 2	*e*	...
...	55·961	+29·470	− 4	*e*	...
...	56·102	− 7·155	0·65	*e*	...
*	56·236	+ 1·487	2·80	45.2160	8·5
...	+56·250	−58·269	0·70	...	...
...	56·309	−31·865	0·65	*e*	...
...	56·414	+16·043	0·80	...	...
...	56·426	− 7·777	− 4	*e*	...
...	56·581	−26·523	0·65	*e*	...
1741-1770					
1741	′	′	′	°	
*	+56·814	+32·291	1·00	45.2159	10·2
*	56·960	+17·626	1·00	45.2161	10·2
...	57·076	−27·334	− 5	*e*	...
...	57·095	+31·196	− 5	*m*	...
*	57·165	−13·919	1·00	*e*	...
...	+57·365	+ 8·340	0·80	...	...
...	57·369	+38·848	0·65	...	...
...	57·457	−39·678	0·70	*e*	...
*	57·458	−26·849	1·05	46.2182	9·6
...	57·461	+17·253	− 5	*e*	...
1751					
...	+57·661	−15·830	0·70	...	...
...	57·697	+17·978	0·65	*e*	...
...	57·809	−37·790	− 3	*e*	...
...	57·878	+52·753	− 4	*e*	...
...	57·885	− 2·647	0·65	*e*	...
*	+57·909	+52·169	2·00	45.2162	8·6
...	58·042	+13·901	− 5	*e*	...
*	58·044	+47·259	1·00	45.2163	10·1
...	58·059	+26·861	− 4	*e*	...
...	58·069	+20·947	− 5	*e*	...
1761					
...	+58·222	−51·984	− 5	*e*	...
...	58·256	+18·688	− 5	*e*	...
*	58·264	+43·077	1·00	45.2165	10·2
*	58·315	+28·484	1·10	45.2166	9·7
*	58·367	+53·281	1·70	45.2164	9·0
...	+58·744	+19·108	0·75	...	...
...	58·878	+16·650	0·65	*e*	...
...	58·880	−47·409	0·65	*e*	...
...	58·903	+ 3·302	− 5	*e*	...
...	59·023	−27·708	0·80	*e*	...
1771-1785					
1771	′	′	′	°	
...	+59·029	−44·694	− 1	*e*	...
...	59·033	− 6·172	− 2	*e*	...
...	59·072	+52·250	− 4	...	...
...	59·101	−13·457	− 1	*e*	...
*	59·108	−53·386	3·70	46.2185	7·3
...	+59·161	− 5·395	− 5	*m*	...
*	59·162	−41·441	1·10	46.2183	10·1
...	59·234	−25·543	0·70	*e*	...
...	59·258	−26·663	− 5	*m*	...
...	59·303	+31·284	− 4	*e*	...
1781					
...	+59·319	+14·900	− 4	*e*	...
*	59·349	+48·018	1·70	45.2167	9·6
...	59·354	+30·938	− 4	*e*	...
...	59·367	−53·576	0·75	...	...
...	59·466	−47·072	0·85	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
1-20					
I	′	′	′	°	
‡	−60·089	+36·952	1·15	45.2135	9·8
†	60·087	+14·953	− 4	E	...
...	60·052	+43·575	0·75	...	...
...	60·037	+54·594	−5	E	...
*	59·989	+29·640	1·00	45.2136	9·9
...	−59·860	+55·939	0·90	44.2242	10·4
...	59·660	+31·939	0·70	...	...
...	59·541	+57·035	− 1	...	...
*	59·516	−37·820	0·95	...	...
...	59·477	− 2·635	− 4	E	...
II					
...	−59·358	+59·285	− 5	E	...
...	59·321	+54·385	− 5	M	...
...	59·283	−11·430	− 5	M	...
...	59·282	+44·841	− 3	E	...
...	59·201	−55·309	0·85	46.2155	10·4
*	−58·996	− 7·971	0·90	46.2156	10·4
...	58·971	− 8·361	0·80	...	...
...	58·935	− 2·479	− 3	E	...
...	58·901	−21·635	− 5	M	...
...	58·847	+17·005	0·65	...	...
21-40					
21	′	′	′	°	
...	−58·818	−32·238	0·75	...	...
...	58·777	− 5·108	− 5	E	...
...	58·757	+29·270	0·80	...	...
...	58·698	−55·615	− 5	E	...
...	58·619	+ 5·908	− 5	M	...
...	−58·602	+ 1·205	− 4	E	...
*	58·279	+ 8·092	1·00	45.2137	10·1
...	58·229	− 1·164	0·70	E	...
...	58·206	+20·562	0·65	...	...
*	58·157	+28·197	1·50	45.2138	9·4
31					
...	−58·114	−39·371	− 5	E	...
...	58·074	+40·541	0·65	E	...
...	58·073	+ 1·265	0·70	E	...
...	58·061	+ 6·988	− 2	E	...
*	58·002	−55·970	1·05	46.2157	10·4
...	−57·986	−47·756	− 5	E	...
...	57·951	−21·224	0·70	...	...
...	57·909	−31·549	0·65	E	...
...	57·888	+41·540	− 5	E	...
...	57·836	+ 0·831	− 5	E	...
41-60					
41	′	′	′	°	
...	−57·778	+33·750	− 1	...	...
*	57·771	−16·284	1·00	46.2158	10·2
...	57·742	+56·740	0·85	44.2247	10·4
...	57·689	+31·134	− 5	E	...
*	57·687	− 8·444	1·05	46.2159	9·9
...	−57·644	+ 3·888	0·70	E	...
...	57·588	+40·625	− 3	E	...
*	57·530	− 1·050	1·00	45.2139	10·0
...	57·521	−32·723	− 5	M	...
...	57·229	− 9·342	0·85	46.2160	10·4
51					
...	−57·100	−28·393	− 5	E	...
...	57·098	+14·666	0·80	45.2141	10·4
*	56·982	+54·382	1·30	45.2142	9·8
...	56·982	−12·702	0·70	E	...
*	56·978	+18·773	1·00	45.2140	10·2
...	−56·941	−15·262	− 5	M	...
...	56·903	+27·529	− 4	E	...
...	56·824	−13·451	− 4	M	...
...	56·719	−14·602	0·75	...	...
...	56·678	−42·100	0·85	...	...

NM measured from 1, 171, 345, 517, 699, 862, 1020, 1143, 1282, 1435, 1597, 1766.
ES ,, ,, 93, 256, 439, 620, 803, 935, 1084, 1222, 1379, 1525, 1692, 1854.
NM measured many stars showing only one image; her diameters of faint stars are erratic and generally over-estimated.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
61–120					
61					
...	−56·638	+18·450	0·80	...	...
...	56·578	+15·075	− 5	M	...
...	56·574	−25·267	− 2	E	...
...	56·542	−32·479	0·90	...	...
...	56·538	+48·353	− 5	M	...
...	−56·510	+45·052	0·70	...	...
...	56·502	−37·233	0·80	...	...
*	56·455	+45·251	1·15	45.2145	9·7
...	56·374	+40·303	0·90	...	...
†	56·292	−60·008	0·65	...	...
71					
*	−56·176	−48·147	1·00	46.2161	10·4
...	56·171	+50·466	− 4	...	...
...	56·151	+ 3·003	0·90	...	...
*	56·127	+15·272	1·00	45.2144	10·4
...	56·096	+25·682	0·75	...	...
...	−56·060	+55·580	0·65	E	...
*	56·040	+ 4·399	2·00	45.2143	8·9
...	56·003	−25·664	− 5	M	...
...	55·784	−32·867	− 3	E	...
...	55·720	+23·256	0·80	...	...
81					
*	−55·696	+30·603	1·00	45.2146	10·1
...	55·690	+48·564	− 1	...	...
...	55·576	+56·977	− 5	M	...
...	55·540	+ 1·503	− 5	M	...
...	55·390	−18·123	− 4	E	...
*	−55·386	−42·964	1·00	46.2163	10·4
...	55·350	−18·648	− 5	E	...
...	55·286	+20·004	− 5	M	...
*	55·265	−58·299	3·20	46.2164	7·4
...	55·238	−48·217	− 5	E	...
91					
‡	−55·227	+44·490	1·70	45.2147	8·8
‡	55·155	−31·960	1·15	46.2165	9·7
†	55·088	−13·090	− 2	46.2166	10·4
...	55·034	−19·453	− 4	E	...
...	54·867	−19·267	0·70	...	...
...	−54·836	−17·016	− 2	...	...
...	54·800	+46·342	0·75	45.2148	10·4
...	54·779	+37·397	− 5	E	...
...	54·773	−43·579	− 5	E	...
...	54·772	+27·141	− 5	E	...
101					
...	−54·763	−41·282	− 1	...	...
...	54·760	+15·781	− 3	E	...
...	54·697	+38·002	0·70	...	...
*	54·509	− 9·640	0·95	46.2167	10·2
...	54·467	+ 2·166	− 5	M	...
*	−54·464	+57·009	1·80	44.2258	9·4
...	54·294	+37·450	− 5	E	...
...	54·253	−35·204	− 5	E	...
...	54·095	+56·868	− 5	...	...
...	54·062	+26·738	− 2	...	...
111					
...	−53·850	−51·123	− 5	E	...
*	53·834	−47·870	1·90	46.2168	9·2
*	53·805	+ 2·774	1·00	45.2149	10·0
...	53·775	−39·044	− 2	...	...
...	53·761	−12·029	− 3	E	...
...	−53·681	−17·479	− 5	M	...
...	53·428	+ 9·910	− 4	E	...
...	53·403	−52·574	− 5	E	...
...	53·379	−48·523	− 4	E	...
...	53·320	+ 0·723	− 3	E	...
121–180					
121					
...	−53·287	− 7·969	− 2	...	...
...	53·033	+54·252	− 4	E	...
...	52·990	−43·820	− 3	E	...
...	52·984	+45·226	− 3	...	...
...	52·922	+29·129	− 5	E	...
...	−52·919	+ 8·099	0·75	45.2150	10·4
...	52·817	+ 5·825	− 5	E	...
...	52·735	+10·889	− 5	M	...
...	52·704	−50·545	− 4	E	...
...	52·663	+ 4·887	− 4	E	...
131					
†	−52·417	−15·149	− 4	E	...
...	52·382	+22·989	− 5	E	...
...	52·364	−26·728	− 5	E	...
*	52·345	−17·905	1·05	46.2169	10·0
...	52·293	−48·441	− 5	M	...
...	−52·282	−45·178	− 4	E	...
*	52·249	+ 2·658	1·05	45.2151	10·0
...	52·220	−13·119	− 5	M	...
...	52·186	+ 7·372	− 5	E	...
...	51·956	−23·115	0·90	46.2170	10·4
141					
...	−51·934	+ 5·906	− 3	...	...
...	51·718	+47·127	− 3	...	...
...	51·717	+53·835	0·85	45.2152	10·4
...	51·613	+ 8·287	− 4	E	...
...	51·520	+ 4·103	− 3	E	...
...	−51·433	+25·744	− 5	M	...
...	51·397	−18·967	− 5	M	...
...	51·364	+51·664	0·75	45.2153	10·4
...	51·321	+ 6·163	− 4	E	...
...	51·272	+ 0·235	− 2	...	...
151					
...	−51·240	−32·667	− 4	M	...
...	51·224	−59·417	− 5	E	...
...	51·205	−20·466	− 4	E	...
*	50·953	+26·770	1·25	45.2155	9·7
...	50·937	+18·050	− 4	E	...
...	−50·919	+15·106	− 3	E	...
...	50·853	+42·447	− 5	E	...
*	50·843	−58·022	2·30	46.2171	8·6
*	50·692	+ 8·593	1·20	45.2154	9·9
...	50·631	+ 7·951	0·70	...	...
161					
...	−50·460	+15·583	− 4	E	...
*	50·460	+32·477	1·05	45.2156	10·1
*	50·421	+57·813	1·90	44.2269	9·2
...	50·411	+42·147	1·00	45.2158	10·4
S *	50·366	+29·453	2·60	45.2157	8·5
...	−50·310	+ 4·352	− 5	E	...
...	50·242	+ 5·993	− 2	...	...
...	50·239	−18·914	− 4	M	...
...	50·215	−21·871	0·80	46.2173	10·4
‡	50·161	−48·866	1·60	46.2172	9·6
171					
†	−50·117	+11·990	− 3	E	...
...	50·050	+33·979	0·75	...	...
...	49·940	−44·704	0·75	E	...
...	49·913	+15·074	0·80	...	...
...	49·728	−18·055	− 5	M	...
†	−49·685	+24·722	− 4	E	...
...	49·644	+19·195	0·75	...	...
...	49·586	−45·294	− 1	B	...
...	49·581	+17·559	0·70	E	...
...	49·579	−20·048	− 5	E	...
181–240					
181					
...	−49·350	+15·612	− 4	M	...
...	49·301	+ 0·694	− 4	M	...
...	49·199	+29·571	0·65	E	...
...	49·156	− 3·007	0·80	...	...
S *	49·146	−19·386	1·75	46.2176	9·2
...	−49·141	− 8·508	− 5	M	...
...	49·079	+ 2·231	0·85	...	...
*	49·077	−52·033	1·10	46.2174	10·2
...	49·018	+32·349	− 5	M	...
*	49·017	−48·879	1·15	46.2175	10·1
191					
...	−48·921	− 3·300	0·65	E	...
*	48·884	−33·429	1·50	46.2177	9·6
†	48·646	− 5·194	− 3	E	...
*	48·516	−29·982	0·95	46.2179	10·4
...	48·476	−21·233	− 3	E	...
*	−48·452	−52·301	2·60	46.2178	8·4
*	48·447	+32·411	1·00	45.2159	10·2
...	48·333	+16·152	0·70	...	...
...	48·299	− 1·530	− 3	M	...
...	48·147	−26·740	− 5	E	...
201					
...	−48·133	−14·054	0·70	E	...
...	48·122	−52·114	− 4	E	...
*	48·101	−23·014	1·00	46.2180	10·0
...	48·094	+38·983	0·80	...	...
*	48·039	+ 1·603	2·60	45.2160	8·5
...	−48·026	+52·896	0·75	E	...
*	47·960	+52·316	2·30	45.2162	8·6
...	47·909	− 7·051	0·65	E	...
*	47·820	+17·756	1·00	45.2161	10·2
...	47·786	−38·807	− 4	E	...
211					
*	−47·683	+47·412	1·05	45.2163	10·1
...	47·583	− 7·651	− 5	E	...
*	47·545	+53·434	2·00	45.2164	9·0
...	47·416	+28·061	− 5	M	...
*	47·336	+43·235	1·00	45.2165	10·2
...	−47·305	+17·395	− 5	E	...
...	47·137	+36·455	− 5	M	...
...	47·129	+ 8·497	0·80	...	...
...	47·099	+50·413	− 5	M	...
...	47·096	+18·134	0·70	E	...
221					
...	−47·076	+16·831	− 5	M	...
...	47·024	+27·031	− 4	E	...
...	46·939	−31·716	0·70	E	...
...	46·830	−26·371	0·65	E	...
...	46·819	+21·117	− 4	E	...
*	−46·811	+28·666	1·20	45.2166	9·7
...	46·801	+52·420	0·70	...	...
...	46·681	+27·871	− 5	M	...
*	46·632	−13·760	1·00	E	...
...	46·624	+14·066	− 5	E	...
231					
...	−46·572	+18·863	− 4	E	...
...	46·537	+55·136	− 4	M	...
*	46·389	+48·204	1·50	45.2167	9·6
...	46·293	−27·170	− 5	E	...
...	46·281	− 2·471	0·70	E	...
...	−46·157	−58·104	0·70	...	...
...	46·102	+19·298	0·70	...	...
...	46·079	−15·651	0·70	...	...
...	46·038	+42·160	0·70	...	...
...	45·977	+19·698	− 5	M	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
241-300					
241	′	′		°	
*	−45·923	−26·669	1·40	46.2182	9·6
...	45·918	+31·473	− 3	E	...
...	45·899	+16·843	0·70	E	...
...	45·856	+31·145	− 3	E	...
...	45·691	+30·055	− 5	M	...
...	−45·544	−39·485	0·70	E	...
...	45·521	−39·026	− 5	M	...
...	45·515	+59·245	− 5	M	...
...	45·435	+ 3·516	− 3	E	...
†	45·396	+49·710	0·90	45.2168	10·4
251					
...	−45·394	+15·105	− 5	E	...
...	45·280	+45·363	− 5	M	...
...	45·265	+39·189	0·80	...	...
...	45·260	−59·127	− 5	M	...
...	45·247	−37·596	0·65	E	...
...	−45·039	+29·635	− 2	...	...
...	45·022	− 5·966	− 4	E	...
*	44·945	+18·885	1·80	45.2169	9·4
...	44·790	+14·189	− 3	...	...
...	44·718	−13·242	− 3	E	...
261					
...	−44·649	+29·345	− 5	M	...
...	44·548	+ 5·212	− 3	M	...
...	44·442	+16·560	0·80	45.2170	10·4
...	44·409	−51·771	− 5	E	...
...	44·360	+57·252	− 2	...	...
...	−44·350	−27·484	− 2	E	...
...	44·310	−39·560	− 5	M	...
*	44·294	+16·884	1·20	45.2171	9·9
...	44·257	+12·454	− 3	...	...
...	44·240	+11·730	− 3	B	...
271					
...	−44·237	+53·811	− 5	M	...
...	44·212	−25·319	− 4	E	...
...	44·066	+ 6·160	− 2	...	...
...	43·975	−41·302	− 5	M	...
...	43·860	−47·179	− 3	E	...
...	−43·854	+43·493	− 2	...	...
...	43·819	−14·323	0·65	...	...
...	43·809	+59·084	− 3	...	...
*	43·802	+16·701	1·00	45.2172	10·1
...	43·801	−44·463	− 3	E	...
281					
*	−43·775	−41·200	1·00	46.2183	10·1
...	43·710	+15·452	− 3	...	...
*	43·652	−31·100	2·10	46.2184	8·8
...	43·623	+47·580	− 4	M	...
*	43·613	+51·764	1·15	45.2173	9·8
...	−43·557	+ 8·854	− 5	M	...
...	43·512	+26·230	− 4	M	...
*	43·441	−53·153	3·50	46.2185	7·3
...	43·438	−21·127	− 3	A	...
...	43·301	+10·367	0·65	...	...
291					
...	−43·291	−46·813	0·65	...	...
...	43·265	+42·274	0·70	...	...
...	43·202	−53·329	− 1	...	...
...	43·156	−42·761	0·75	46.2186	10·4
...	43·120	+42·837	0·80	45.2174	10·2
*	−43·108	−12·752	1·05	46.2188	10·1
...	42·962	+34·584	− 5	M	...
...	42·917	−42·230	0·85	46.2187	10·4
...	42·878	+29·886	− 2	...	...
...	42·871	+ 2·023	− 3	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
301-360					
301	′	′		°	
...	−42·869	− 3·683	0·65	...	...
...	42·824	+ 6·134	− 3	...	...
*	42·759	+18·739	1·20	45.2175	9·8
...	42·632	+38·831	0·80	45.2176	10·2
...	42·589	+57·210	− 4	M	...
...	−42·489	− 1·679	− 5	M	...
...	42·356	−27·609	− 5	M	...
...	42·200	−35·324	− 2	A	...
...	42·062	−23·610	0·70	46.2189	10·2
...	41·985	+55·095	− 3	...	...
311					
...	−41·980	−23·540	− 4	M	...
...	41·941	−15·873	− 3	...	...
...	41·910	+13·375	0·70	...	...
...	41·818	+34·059	− 2	...	...
...	41·761	+19·843	− 2	...	...
...	−41·755	−12·066	− 5	M	...
*	41·702	−58·420	1·55	46.2190	9·7
...	41·698	−26·262	− 5	M	...
...	41·681	+25·689	− 4	M	...
...	41·664	−26·567	0·70	...	...
321					
...	−41·626	+37·675	0·70	...	...
...	41·585	−20·473	0·80	46.2191	10·2
...	41·576	−36·224	0·70	...	...
...	41·571	+18·160	0·70	...	...
...	41·429	+17·264	0·65	...	...
...	−41·326	+27·196	− 5	M	...
*	41·084	−26·807	1·10	46.2193	9·8
...	40·955	−13·275	− 5	M	...
...	40·913	−17·584	− 4	M	...
...	40·909	−13·269	− 5	M	...
331					
*	−40·887	− 0·684	1·00	45.2177	10·0
†	40·789	+14·822	− 4	M	...
...	40·789	−40·815	− 4	M	...
*	40·730	−44·303	1·05	46.2194	9·8
...	40·679	− 7·831	− 2	...	...
...	−40·656	+41·219	− 5	M	...
...	40·532	−19·836	0·75	46.2196	10·2
...	40·524	+49·587	0·80	45.2178	10·2
...	40·507	− 9·646	0·75	46.2197	10·2
...	40·504	+48·245	− 5	M	...
341					
...	−40·494	+32·651	− 5	M	...
S *	40·321	−42·499	2·40	46.2195	8·4
...	40·258	−22·634	− 5	M	...
...	40·248	+19·378	− 5	M	...
†	40·163	+46·199	− 3	B	...
...	−40·118	+10·657	− 4	M	...
...	40·071	+57·594	0·75	...	...
...	40·014	−59·199	− 5	M	...
...	39·872	+50·887	− 5	M	...
...	39·810	+ 9·192	− 3	B	...
351					
...	−39·794	+36·558	− 5	M	...
*	39·789	+33·411	1·00	45.2179	9·6
*	39·662	− 3·356	1·00	...	...
...	39·534	+50·974	0·70	...	...
...	39·382	−20·235	− 4	M	...
...	−39·349	+ 1·450	0·75	...	...
...	39·341	+24·594	0·90	45.2180	10·2
...	39·329	−33·188	− 3	B	...
...	39·303	−37·020	− 4	M	...
*	39·248	+27·131	1·50	45.2182	9·2

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
361-420					
361	′	′		°	
...	−39·247	−36·314	− 3	B	...
...	39·172	−18·057	− 5	M	...
*	39·166	+18·231	1·10	45.2181	9·8
...	39·152	+42·489	− 5	M	...
...	39·148	+45·845	0·80	...	...
...	−39·125	−33·312	− 5	M	...
...	39·100	−17·167	− 5	M	...
*	39·096	−56·218	2·20	46.2198	8·6
...	39·080	+10·307	− 4	M	...
...	39·071	+ 6·557	0·75	...	...
371					
...	−39·053	−14·388	− 3	M	...
...	39·001	− 2·012	0·90	...	...
...	38·999	+31·926	− 5	M	...
*	38·993	−42·465	0·90	...	...
*	38·953	+ 6·695	0·90	45.2183	10·2
...	−38·952	−32·203	− 3	B	...
...	38·855	−27·824	− 4	M	...
...	38·806	−51·476	0·80	...	...
*	38·737	− 9·267	1·00	46.2199	10·2
...	38·722	−58·557	0·80	A	...
381					
...	−38·436	+14·269	− 4	M	...
...	38·404	−34·332	− 3	A	...
...	38·256	+50·883	− 4	M	...
*	38·206	−48·056	1·00	46.2200	10·2
†	38·172	+14·771	0·65	...	...
...	−38·170	+35·789	0·70	...	...
...	38·109	+22·114	0·70	...	...
...	38·037	+46·611	− 5	M	...
...	37·961	−31·651	− 3	A	...
...	37·920	+25·675	0·75	...	...
391					
...	−37·822	− 4·819	− 4	M	...
...	37·822	−28·888	− 3	M	...
...	37·810	+39·474	− 4	M	...
...	37·741	−44·956	− 2	B	...
...	37·700	+49·635	− 3	M	...
*	−37·562	+12·341	0·85	45.2184	10·2
...	37·553	+45·823	− 3	M	...
...	37·507	−43·911	− 5	M	...
...	37·482	+20·054	− 5	M	...
...	37·431	+19·068	− 5	M	...
401					
...	−37·394	+22·636	− 5	M	...
...	37·297	+36·169	0·80	...	...
...	37·295	+17·955	− 4	M	...
...	37·237	+49·805	− 5	M	...
*	37·228	− 0·572	1·00	45.2185	10·0
*	−37·204	+56·578	1·90	44.2292	8·9
*	37·193	−34·337	0·90	...	...
...	37·177	−20·897	− 5	M	...
...	37·123	−40·475	− 5	M	...
...	37·094	− 0·295	− 2	A	...
411					
...	−37·063	−56·996	− 4	M	...
...	37·025	+ 3·474	− 4	M	...
...	36·867	− 9·210	− 5	M	...
...	36·780	− 4·818	− 5	M	...
...	36·775	+53·760	0·80	...	...
*	−36·765	+58·400	0·95	44.2294	10·2
...	36·761	+ 0·870	− 5	M	...
...	36·649	−14·428	− 5	M	...
...	36·389	−47·725	− 1	A	...
*	36·337	+53·277	1·10	45.2186	10·0

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
421–480					
421					
...	−36′·206	+57′·501	− 5	°M	...
...	36·171	−11·520	− 4	M	...
...	36·039	−45·831	− 5	M	...
...	35·993	−49·645	− 4	M	...
...	35·894	−12·432	0·85	...	...
...	−35·705	+26·744	0·75	...	...
...	35·658	+43·252	0·75	...	...
...	35·647	− 1·091	− 5	M	...
...	35·632	−20·657	− 3	A	...
...	35·628	+ 2·849	− 3	M	...
431					
...	−35·548	+14·640	− 5	M	...
...	35·546	+43·615	0·75	...	...
...	35·542	− 0·497	− 5	M	...
...	35·443	+46·654	0·70	...	...
...	35·416	+52·468	− 3	...	...
...	−35·396	−10·649	0·70	...	...
...	35·371	+19·092	− 5	M	...
‡	35·330	+39·670	1·05	45.2187	9·4
†	35·129	−31·893	− 2	...	...
...	35·117	+11·226	− 3	...	...
441					
...	−35·094	+54·549	− 4	M	...
...	35·062	−19·821	− 3	...	...
...	35·024	−49·911	− 3	M	...
...	34·828	−18·741	− 5	M	...
...	34·721	+ 1·151	− 4	M	...
...	−34·679	+ 8·964	− 5	M	...
*	34·673	+50·644	0·95	45.2188	10·0
*	34·671	−45·636	0·95	46.2203	10·0
...	34·571	+ 1·218	− 5	M	...
*	34·569	−32·720	1·05	46.2205	9·8
451					
...	−34·566	+55·365	0·70	...	...
...	34·448	+46·236	0·70	...	...
...	34·440	+45·942	0·80	...	...
...	34·320	−51·271	0·90	...	...
...	34·264	+22·020	− 2	...	...
*	−34·250	+18·191	0·95	45.2190	10·2
...	34·236	− 1·095	0·85	45.2189	10·2
*	34·130	+44·853	1·30	45.2191	9·6
...	34·069	−40·959	− 5	M	...
...	34·037	+ 8·499	− 4	M	...
461					
...	−34·009	+ 5·489	− 4	M	...
*	33·961	−38·518	1·05	46.2206	9·6
...	33·904	+10·539	0·85	45.2192	10·2
*	33·727	+ 0·553	1·15	45.2193	9·8
*	33·685	−39·588	1·20	46.2208	9·6
*	−33·654	−32·752	0·95	46.2207	9·9
...	33·621	−13·757	− 3	...	...
...	33·540	−29·226	− 3	...	...
...	33·403	−20·000	− 3	M	...
...	33·338	+46·013	0·70	...	...
471					
...	−33·319	+57·866	− 5	M	...
...	33·286	+ 0·520	0·75	45.2194	10·2
...	33·282	+54·479	− 5	M	...
...	33·239	−43·255	− 5	M	...
...	33·225	+24·467	0·70	...	...
...	−33·097	+46·627	0·90	45.2195	10·0
...	32·942	− 4·309	− 1	...	...
...	32·865	+26·465	− 5	M	...
...	32·852	+29·121	− 5	M	...
...	32·730	−53·000	− 5	M	...
481–540					
481					
*	−32′·662	−37′·610	1·70	°46.2210	9·2
...	32·584	−43·970	− 3	M	...
*	32·453	+45·035	0·95	45.2196	10·2
...	32·315	−44·059	− 5	M	...
*	32·289	−43·911	1·00	46.2211	9·8
...	−32·012	− 9·717	− 5	M	...
...	31·942	−20·228	0·70	46.2213	10·2
...	31·939	+28·617	− 5	M	...
...	31·850	+48·386	− 5	M	...
...	31·811	−45·246	− 5	M	...
491					
...	−31·739	+38·286	0·85	...	...
...	31·708	−55·929	− 5	M	...
...	31·629	+52·820	− 2	...	...
*	31·629	+30·762	1·60	45.2197	9·4
...	31·431	+35·597	− 2	...	...
...	−31·422	−44·119	− 4	M	...
...	31·420	−56·533	0·90	46.2214	10·0
...	31·337	+ 5·640	− 5	M	...
...	31·333	+21·306	− 4	M	...
...	31·288	+20·568	− 5	M	...
501					
...	−31·260	−24·010	− 4	M	...
...	31·192	−11·942	− 3	...	...
...	31·157	+41·600	− 3	B	...
...	31·004	−18·298	0·70	46.2215	10·2
*	30·954	+ 5·537	1·20	45.2198	9·8
...	−30·679	− 1·655	− 2	...	...
...	30·676	+13·646	− 4	M	...
*	30·571	+ 5·619	1·10	45.2199	9·8
...	30·505	+51·077	− 3	...	...
...	30·451	−35·156	− 2	...	...
511					
...	−30·374	+41·569	0·80	...	...
...	30·342	−44·352	0·70	...	...
...	30·298	−55·153	− 5	M	...
†	30·214	+10·061	− 4	...	...
‡	30·212	−52·274	1·05	46.2216	9·8
†	−30·197	−51·389	− 2	...	...
...	30·129	+59·574	0·85	...	...
‡	30·121	−19·237	1·00	46.2217	10·0
...	30·101	− 7·951	0·70	...	...
...	30·026	+25·935	− 4	M	...
521					
*	−30·011	− 8·731	0·90	...	...
...	29·961	+21·638	0·85	...	...
*	29·956	−20·606	1·60	46.2218	9·3
...	29·902	+53·953	0·65	...	...
...	29·868	+41·213	− 5	M	...
...	−29·752	+24·056	− 5	M	...
...	29·751	−26·507	− 5	M	...
...	29·623	+51·591	− 5	M	...
...	29·493	−56·006	− 5	M	...
...	29·475	+24·172	0·75	...	...
531					
...	−29·458	+50·272	− 5	M	...
...	29·455	+44·470	0·70	...	...
...	29·410	+ 7·478	− 5	M	...
...	29·397	+44·331	− 5	M	...
*	29·308	+17·691	1·15	45.2200	9·8
...	−29·296	−34·236	0·75	...	...
...	29·280	−50·838	− 4	M	...
...	29·209	− 4·122	− 4	M	...
...	29·163	+16·883	− 4	M	...
...	29·137	−21·901	− 5	M	...
541–600					
541					
*	−29′·107	−41′·395	0·90	°46.2219	10·2
...	29·089	−22·467	0·80	...	...
...	29·081	+ 0·906	0·90	...	...
...	28·920	−22·545	− 4	M	...
...	28·897	− 2·789	− 5	M	...
...	−28·738	−23·009	0·90	...	...
...	28·576	−34·030	− 4	M	...
...	28·543	+34·024	− 5	M	...
...	28·480	+44·096	− 5	M	...
*	28·403	−15·235	0·90	...	...
551					
...	−28·385	+29·537	0·70	...	...
...	28·346	+37·930	− 5	M	...
*	28·343	+33·546	0·90	...	...
*	28·254	−10·457	1·00	46.2220	10·0
...	28·168	+54·376	− 3	M	...
...	−28·132	+27·276	− 3	M	...
...	28·094	+38·742	− 5	M	...
...	28·024	+46·507	− 5	M	...
...	28·011	−20·864	0·70	...	...
*	28·000	+30·705	0·90	...	...
561					
...	−27·907	+54·180	0·75	...	...
*	27·896	−17·773	1·00	46.2221	9·9
*	27·855	+33·156	1·00	45.2201	9·9
*	27·811	+ 5·454	1·00	45.2202	10·2
...	27·801	−31·259	− 5	M	...
...	−27·774	+32·654	− 4	M	...
...	27·671	−52·889	− 4	M	...
...	27·660	+23·185	− 5	M	...
...	27·659	+55·286	0·75	...	...
*	27·600	+17·471	2·80	45.2203	8·3
571					
...	−27·556	−39·707	− 3	M	...
...	27·419	+28·069	− 5	M	...
...	27·416	+40·823	0·75	...	...
...	27·362	+57·640	− 5	M	...
...	27·362	−51·211	− 4	M	...
...	−27·355	−11·733	0·75	...	...
...	27·336	+59·598	− 5	M	...
...	27·296	+46·847	0·70	B	...
*	27·288	+26·096	1·00	45.2204	10·0
*	27·264	+55·468	1·05	45.2205	9·9
581					
*	−27·248	−57·182	1·00	46.2222	10·0
*	27·239	−47·310	1·00	46.2223	10·0
*	27·172	−49·723	1·05	46.2224	10·0
...	27·169	−16·600	0·85	...	...
...	27·165	− 5·087	− 5	M	...
...	−27·100	+10·182	0·75	...	...
...	27·068	+59·445	0·80	...	...
...	27·015	+ 2·360	− 5	M	...
*	26·992	−25·869	0·90	...	...
...	26·966	+51·524	0·75	B	...
591					
...	−26·914	+20·305	− 5	M	...
...	26·904	+29·943	− 5	M	...
...	26·863	−43·687	− 5	M	...
...	26·816	+58·160	− 5	M	...
...	26·786	+37·966	0·65	B	...
†	−26·658	+14·787	0·75	...	...
...	26·620	−37·328	0·80	...	...
*	26·522	+19·402	0·95	...	...
...	26·485	−33·046	− 4	M	...
*	26·469	+ 1·173	1·00	45.2206	10·2

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
601-660					
601					
...	−26·237	+38·746	0·70	...	...
‡	26·192	−54·968	1·20	46.2225	9·3
...	25·992	−24·559	0·70	...	...
...	25·992	−36·139	− 5	M	...
†	25·905	−25·161	0·75	...	...
...	−25·864	− 3·309	− 4	M	...
*	25·809	−10·224	1·00	46.2226	9·8
...	25·777	−42·138	− 4	M	...
...	25·714	−29·925	0·70	...	...
...	25·663	−12·596	− 5	M	...
611					
...	−25·661	+25·263	− 4	M	...
...	25·606	+11·579	− 5	M	...
*	25·526	−20·510	1·00	46.2227	9·9
...	25·502	−15·385	− 1	...	...
...	25·496	−45·250	− 3	A	...
...	−25·451	+17·629	− 4	M	...
...	25·304	+21·292	− 5	M	...
...	25·296	+ 4·212	0·70	...	...
...	25·269	−13·226	− 4	M	...
†	25·209	+56·631	− 4	M	...
621					
†	−25·143	−32·164	− 5	M	...
†	25·138	−38·059	− 3	...	...
*	25·073	+21·698	1·40	45.2207	9·4
...	24·929	+ 7·469	0·90	45.2208	10·2
...	24·911	+42·963	− 4	M	...
...	−24·879	−56·996	0·75	...	...
*	24·828	+37·799	1·10	45.2209	9·8
...	24·797	−42·806	− 5	M	...
*	24·790	+46·463	1·50	45.2210	9·3
*	24·638	−11·884	1·05	46.2228	9·8
631					
...	−24·606	+15·400	− 3	M	...
...	24·577	+52·951	− 5	M	...
*	24·421	+50·203	1·05	45.2211	9·9
...	24·321	+49·554	− 3	...	...
...	24·297	−42·133	0·65	...	...
...	−24·267	−42·092	− 5	M	...
...	24·197	+30·422	− 2	...	...
...	24·166	−56·616	0·65	...	...
...	24·065	+25·262	− 5	M	...
*	24·039	+48·724	1·00	45.2212	9·9
641					
...	−24·032	+29·835	− 5	M	...
...	24·006	+18·664	− 1	...	...
...	23·936	−40·914	− 4	M	...
...	23·840	− 7·375	− 4	...	...
...	23·838	−46·652	− 2	...	...
...	−23·816	−16·255	− 5	M	...
...	23·667	−33·780	− 2	...	...
...	23·617	+44·299	− 3	...	...
...	23·596	+19·308	− 5	M	...
...	23·472	−33·299	− 2	...	...
651					
...	−23·405	+47·981	0·70	...	...
*	23·294	+16·921	1·00	45.2213	9·8
*	23·253	+26·716	2·90	45.2214	8·3
...	23·134	+40·713	− 3	...	...
*	23·091	−37·118	2·20	46.2229	8·6
...	−23·080	+41·819	− 5	M	...
...	22·900	+43·764	− 4	M	...
...	22·824	− 8·665	− 3	...	...
...	22·718	−47·635	− 4	M	...
...	22·474	− 9·019	− 5	M	...
661-720					
661					
...	−22·430	−38·746	− 4	M	...
...	22·415	+32·837	0·70	...	...
...	22·292	+ 6·475	0·95	45.2215	10·2
...	22·172	−53·282	− 4	M	...
...	22·056	−11·210	0·65	...	...
...	−22·048	+25·615	0·65	45.2217	10·2
...	22·014	−32·861	− 2	...	...
*	21·974	+26·651	2·20	45.2216	9·0
*	21·947	−42·446	1·10	46.2232	9·6
...	21·931	+34·164	− 2	...	...
671					
...	−21·706	+40·915	− 2	...	...
...	21·670	+38·238	0·65	...	...
*	21·657	+ 6·051	1·05	45.2218	9·8
...	21·620	−52·620	0·70	...	...
...	21·518	−15·195	− 5	M	...
‡	−21·495	−25·161	1·80	46.2233	9·0
...	21·461	+55·199	− 3	B	...
...	21·391	− 8·987	− 5	M	...
...	21·300	+52·041	− 4	M	...
...	21·206	+33·209	0·80	...	...
681					
...	−21·133	+27·915	− 3	...	...
...	21·086	+16·277	− 4	...	...
...	21·014	+39·837	− 3	M	...
...	20·988	+56·866	− 1	...	...
*	20·948	+14·197	2·50	45.2219	8·8
...	−20·945	−54·197	0·65	...	...
...	20·769	−18·163	− 4	M	...
F*	20·679	+ 0·004	2·20	45.2220	8·8
...	20·663	+37·906	0·65	...	...
*	20·603	+36·689	1·35	45.2221	9·6
691					
*	−20·525	+42·975	1·00	45.2222	10·0
...	20·492	−21·904	− 3	...	...
...	20·461	− 3·768	− 4	M	...
...	20·384	+44·279	0·75	...	...
...	20·379	+29·866	− 4	M	...
...	−20·345	−40·422	− 4	...	...
...	20·288	−35·910	− 3	...	...
†	20·274	+48·447	0·80	...	...
*	20·143	+56·101	− 5	M	...
*	20·073	+28·457	1·50	45.2224	9·7
701					
*	−20·063	+51·497	1·40	45.2223	9·8
...	20·054	+40·256	0·75	B	...
*	20·016	− 6·561	1·00	46.2234	9·8
...	19·999	−41·585	− 4	M	...
...	19·864	+31·898	0·65	B	...
*	−19·784	+28·745	3·10	45.2225	8·2
...	19·706	− 7·082	0·90	46.2235	10·0
...	19·678	+24·604	− 3	M	...
*	19·621	+10·558	1·50	45.2226	9·3
...	19·572	−13·768	− 5	M	...
711					
...	−19·567	−46·987	0·80	...	...
*	19·527	−36·045	1·00	46.2236	9·8
...	19·484	+50·064	− 5	M	...
...	19·458	−43·504	− 5	M	...
*	19·402	− 3·011	1·90	45.2227	9·2
...	−19·288	+30·472	− 5	M	...
*	19·262	+33·888	0·90	...	...
...	19·239	−47·661	− 3	A	...
...	19·211	+28·703	0·70	...	...
...	19·187	+35·544	− 5	M	...
721-780					
721					
...	−19·090	+ 2·535	− 5	M	...
...	19·068	+34·928	− 5	M	...
...	19·015	−43·707	0·65	...	...
...	19·013	+57·894	− 5	M	...
*	18·992	− 9·148	1·00	46.2237	9·8
*	−18·912	+ 4·445	1·20	45.2228	9·7
...	18·816	−53·219	− 5	M	...
*	18·790	+25·230	1·00	45.2229	10·2
*	18·765	−55·466	2·20	46.2238	8·8
...	18·562	−48·386	0·80	...	...
731					
...	−18·509	−46·472	− 3	M	...
...	18·458	−47·505	− 5	M	...
...	18·295	+52·974	− 5	M	...
...	18·267	+50·122	− 1	B	...
...	18·233	+25·770	− 5	M	...
...	−18·232	−36·605	− 3	M	...
* [	18·224	− 9·665	1·00	46.2239	9·8
... [	18·152	− 9·656	− 5	B	...
...	18·178	+52·870	− 4	M	...
...	18·152	+46·346	0·70	...	...
741					
...	−18·096	−50·754	0·70	...	...
...	18·085	−34·418	− 5	M	...
...	18·040	+33·026	− 4	M	...
...	18·012	−42·376	− 4	M	...
...	17·965	−41·672	− 5	M	...
...	−17·931	−34·703	− 5	M	...
*	17·899	−42·323	0·95	46.2240	10·2
*	17·830	−53·607	1·20	46.2241	9·3
...	17·813	−12·411	− 4	M	...
...	17·762	+15·538	0·70	...	...
751					
*	−17·671	+26·993	0·95	45.2231	10·2
...	17·656	+36·250	0·70	...	...
...	17·654	+28·558	− 5	M	...
*	17·642	− 1·450	1·70	45.2230	9·2
*	17·623	−47·778	0·95	46.2242	9·9
...	−17·599	−23·449	− 4	M	...
...	17·591	− 6·532	− 4	M	...
...	17·491	+26·935	− 5	M	...
...	17·470	−10·706	0·85	...	...
...	17·460	−20·839	0·75	...	...
761					
...	−17·440	−56·646	− 5	M	...
...	17·425	−53·405	− 4	M	...
...	17·313	−55·599	− 5	M	...
...	17·310	+32·688	0·65	B	...
*	17·283	+22·523	1·30	45.2232	9·6
...	−17·267	−51·482	0·80	...	...
*	17·237	+28·849	1·00	45.2233	10·2
...	17·165	−32·955	0·75	...	...
*	17·133	−51·954	0·90	...	...
*	17·056	+22·021	1·00	45.2234	10·0
771					
†	−17·009	+49·715	0·70	...	...
*	16·989	−14·113	0·90	46.2244	10·2
...	16·977	−20·356	− 5	M	...
...	16·869	−18·005	− 5	M	...
...	16·862	−16·819	0·80	...	...
*	−16·839	+24·289	0·85	...	...
S *	16·798	+ 3·912	3·30	45.2235	8·0
...	16·776	−18·652	− 5	M	...
...	16·669	+28·406	− 5	M	...
...	16·654	−23·976	− 3	M	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. -2.	C.P.D. No.	C.P.D. Mag.
781–840					
781					
...	−16′645	− 9′812	− 5	°M	...
...	16·601	−31·364	0·85	46.2245	10·2
...	16·572	−34·611	− 4	M	...
*	16·540	+10·973	0·95	...	...
...	16·522	+32·863	0·75	...	...
*	−16·430	−14·581	1·00	46.2246	10·2
...	16·304	+21·905	0·65	...	...
*	16·134	+18·928	0·90	45.2237	10·2
...	16·089	+42·398	− 5	M	...
*	16·065	− 2.894	1·00	45.2236	10·2
791					
...	−16·064	−53·682	− 3	A	...
...	16·012	+13·150	0·80	...	...
...	15·943	+58·817	− 4	M	...
...	15·936	+27·329	− 4	M	...
...	15·917	+43·549	− 3	M	...
...	−15·866	+ 9·214	− 5	M	...
...	15·655	+14·502	− 5	M	...
...	15·654	+49·460	− 5	M	...
...	15·635	−29·558	− 5	M	...
...	15·530	−47·642	− 3	M	...
801					
...	−15·403	+14·536	0·75	...	...
...	15·402	−56·174	− 4	M	...
...	15·151	−27·986	− 4	M	...
...	15·078	+48·640	− 1	...	...
*	15·064	+16·339	1·00	45.2238	9·9
...	−15·036	−28·499	− 5	M	...
*	14·939	−27·302	1·10	46.2247	9·8
...	14·904	−38·031	− 5	M	...
...	14·838	+17·397	0·80	...	...
...	14·557	+47·213	0·65	...	...
811					
*	−14·469	+29·083	1·15	45.2239	9·8
...	14·100	+40·316	0·75	...	...
...	14·076	+20·904	− 5	M	...
...	13·987	+46·070	0·70	...	...
*	13·768	+32·777	1·20	45.2240	9·8
...	−13·714	+26·775	0·70	45.2241	10·2
...	13·430	+24·683	− 5	M	...
...	13·363	+18·836	− 5	M	...
...	13·264	−42·278	− 4	M	...
*	13·248	−42·134	1·20	46.2249	9·4
821					
...	−13·234	+ 2·568	0·95	45.2242	9·9
...	13·096	+50·365	− 3	M	...
...	13·063	− 8·260	0·75	...	...
...	12·967	+51·345	− 2	...	...
...	12·950	+23·966	− 4	M	...
*	−12·938	−57·727	1·30	46.2250	9·5
...	12·921	−49·737	− 5	M	...
n*	12·895	+ 3·906	1·35	45.2244	9·0
...	12·804	−36·248	− 4	M	...
*	12·788	+17·554	1·30	45.2243	9·6
831					
...	−12·776	−44·033	0·85	46.2251	10·2
n*	12·762	+ 3·969	1·25	45.2244	9·0
...	12·735	−53·978	− 5	M	...
...	12·688	+ 5·135	0·70	...	...
*	12·572	−39·231	1·05	46.2252	9·7
*	−12·544	−37·761	1·20	46.2253	9·6
...	12·390	− 9·165	− 5	M	...
...	12·381	−36·591	0·70	...	...
...	12·293	+22·905	0·80	45.2245	10·2
...	12·259	+35·039	− 3	...	...
841–900					
841					
*	−11′967	+54′811	1·60	°45.2247	9·0
*	11·946	+18·306	3·30	45.2246	8·2
...	11·906	+55·562	0·80	...	...
S *	11·857	−20·686	5·60	46.2254	7·4
...	11·855	+23·958	− 4	M	...
...	−11·790	−55·605	− 5	M	...
*	11·686	+ 5·371	2·50	45·2248	8.6
...	11·621	−39·637	− 3	M	...
...	11·407	−36·099	− 3	M	...
...	11·377	+19·399	− 4	M	...
851					
*	−11·232	+59·195	1·00	44.2338	10·0
...	11·184	+51·847	− 3	...	...
...	11·165	−21·763	0·85	46.2256	10·0
...	11·131	−33·918	− 5	M	...
...	11·087	− 7·424	− 5	M	...
*	−11·086	−38·057	0·95	46.2255	10·2
...	11·051	+40·445	− 5	M	...
*	10·843	−10·377	1·15	46.2257	9·8
*	10·686	+26·807	2·70	45.2249	8·4
...	10·663	−57·992	− 5	M	...
861					
...	−10·319	−30·772	− 4	M	...
†	10·202	−22·780	0·75	...	...
...	10·170	− 4·119	− 4	M	...
...	10·012	+30·605	− 5	M	...
...	9·967	−14·244	− 1	B	...
*	− 9·943	−21·734	1·40	46.2258	9·4
...	9·856	+44·422	0·90	...	...
...	9·811	−59·651	− 1	A	...
*	9·755	+ 8·957	1·05	45.2250	9·7
...	9·751	+18·936	− 5	M	...
871					
...	− 9·624	+20·879	0·70	...	...
*	9·605	+45·361	1·00	45.2251	10·0
...	9·382	+ 2·963	− 5	M	...
...	9·335	+43·467	− 4	M	...
...	9·269	−23·107	0·70	...	...
...	− 9·052	+52·977	− 5	M	...
*	8·956	+ 5·683	1·10	45.2252	9·8
*	8·872	+38·959	0·90	45.2253	10·0
...	8·794	−39·012	0·75	...	...
...	8·701	+24·072	− 5	M	...
881					
...	− 8·648	+44·252	− 5	M	...
*	8·609	+11·127	1·00	45.2254	10·2
...	8·607	+ 5·872	− 5	M	...
...	8·580	+42·857	− 5	M	...
...	8·518	+57·532	− 4	M	...
...	− 8·457	+46·389	0·65	B	...
*	8·452	+37·449	1·00	45.2255	9·8
...	8·326	−37·094	0·65	M	...
...	8·254	−41·227	− 4	M	...
*	8·241	−28·599	1·00	46.2259	9·9
891					
...	− 8·146	+ 5·970	0·80	...	...
*	8·132	−37·848	0·90	...	...
...	8·001	+38·392	− 5	M	...
...	7·986	+29·024	− 5	M	...
*	7·847	+11·476	2·10	45.2256	9·0
...	− 7·732	+21·823	0·85	...	...
...	7·579	−24·762	0·80	...	...
...	7·420	+43·251	− 5	M	...
*	7·347	+ 1·236	1·70	45.2258	9·0
*	7·267	+52·837	1·60	45.2257	9·0
901–960					
901					
...	− 7′151	−30′424	− 4	°M m	...
...	7·108	−34·372	− 5	M m	...
...	7·076	−41·435	− 4	M m	...
...	7·073	−42·802	− 5	M m	...
...	7·032	+15·399	− 5	M m	...
...	− 6·973	+20·778	0·75	m	...
N *	6·881	+ 2·194	6·20	45.2259	7·2
...	6·846	+57·719	0·80	...	...
...	6·792	−23·338	− 5	M m	...
...	6·760	−38·372	− 3	M	...
911					
*	− 6·732	−41·726	1·00	46.2261	9·8
...	6·593	+21·439	− 5	M m	...
*	6·543	−32·248	0·95	...	...
*	6·525	+43·292	2·00	45.2260	8·6
...	6·443	−35·989	− 5	M m	...
...	− 6·405	+ 4·576	0·90	45.2261	10·2
...	6·292	+43·889	− 5	M m	...
...	6·288	+12·786	− 5	M m	...
...	6·216	+55·642	− 4	M m	...
...	6·133	−56·317	0·75	M	...
921					
...	− 6·029	+ 8·951	0·65	m	...
...	5·968	+55·513	0·85	...	...
...	5·867	+ 1·746	0·90	...	...
...	5·839	−34·672	0·65	M	...
...	5·742	+34·470	− 5	M m	...
...	− 5·591	−25·385	0·70	...	...
...	5·565	−37·207	− 5	M m	...
...	5·560	−36·244	− 4	M	...
...	5·459	+48·469	− 4	M m	...
...	5·445	−56·398	− 5	M m	...
931	− 5·436	+34·849	− 4	M m	...
*	5·409	−18·139	1·00	46.2262	10·2
†	5·328	+32·441	0·70	...	...
†	5·317	+16·524	− 3	M m	...
...	5·126	−59·155	− 4	M m	...
...	− 5·030	−47·622	− 5	M m	...
*	5·010	−27·897	1·00	46.2263	9·9
...	4·957	+ 7·467	− 2	m	...
...	4·948	+40·391	0·70	...	...
...	4·850	−41·889	0·95	46.2264	10·0
941	− 4·801	−37·064	− 5	M	...
...	4·772	−31·581	− 5	M	...
...	4·674	+10·070	− 4	M m	...
...	4·662	−39·573	− 4	M	...
...	4·635	+55·722	− 5	M m	...
...	− 4·579	+31·250	0·70	...	...
*	4·574	+51·966	1·00	45.2262	10·2
...	4·453	−16·464	− 2	...	...
...	4·434	−52·586	− 2	...	...
...	4·429	−47·002	− 5	M m	...
951					
...	− 4·389	+45·280	− 3	m	...
...	4·337	−46·961	0·70	...	...
*	4·309	+41·285	2·10	45.2263	8·6
...	4·306	+ 3·186	− 3	M m	...
...	4·167	−48·610	− 5	M m	...
...	− 4·100	+40·593	− 2	m	...
...	4·029	+14·394	0·85	45.2264	10·2
...	4·027	+34·539	− 3	M	...
...	3·910	−44·951	− 5	M	...
...	3·906	+10·645	− 5	M m	...

828, 832. C.P.D., mass.
907. Mass

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. -2.	C.P.D. No.	C.P.D. Mag.
961–1020					
961					
...	− 3·887	+40·625	− 5	M m	...
†	3·838	−49·999	− 5	M m	...
...	3·785	+ 4·250	− 3	m	...
...	3·763	+43·202	− 4	m	...
...	3·736	−33·872	− 4	M	...
...	− 3·673	+57·523	0·90	44.2348	10·2
...	3·593	−26·592	− 3	...	...
...	3·573	−50·244	− 3	...	...
...	3·502	+38·754	− 1	...	...
...	3·468	+49·376	0·75	...	...
971					
...	− 3·432	−46·412	0·85	46.2265	10·2
...	3·428	−52·313	− 2	...	...
...	3·395	−46·182	0·80	46.2266	10·2
...	3·372	+48·188	− 4	m	...
...	3·283	+39·335	− 4	M m	...
...	− 3·254	+47·527	− 4	M m	...
...	3·235	+21·158	− 1	...	...
...	3·179	−47·530	− 3	M	...
*	3·126	−32·354	1·00	46.2267	10·0
...	3·061	+48·173	0·75	...	...
981					
...	− 3·024	+ 3·467	− 2	...	...
...	2·909	+37·147	0·70	...	...
...	2·877	+45·863	0·75	...	...
...	2·862	−36·254	− 5	M m	...
...	2·662	+45·346	− 3	m	...
*	− 2·533	+19·192	1·60	45.2265	9·4
...	2·415	+41·373	− 5	M m	...
...	2·387	−22·647	− 4	M	...
*	2·361	+32·459	1·05	45.2266	9·8
...	2·359	−31·466	− 5	M	...
991					
*	− 2·171	+59·182	1·05	44.2350	9·9
...	2·110	−48·823	− 5	M	...
...	2·106	−12·349	− 3	M	...
*	2·106	+46·785	2·40	45.2267	8·6
...	2·102	−16·909	− 1	M	...
*	− 2·058	−58·215	0·95	46.2269	10·2
...	1·997	−23·297	0·90	46.2268	10·2
*	1·815	−41·023	1·50	46.2270	9·2
*	1·719	+45·511	1·10	45.2268	9·8
...	1·652	+43·988	− 3	...	...
1001					
...	− 1·613	−43·237	− 4	M	...
...	1·463	+37·191	− 2	...	...
...	1·366	−58·336	− 1	...	...
...	1·340	− 7·021	− 5	M m	...
...	1·309	−16·132	− 5	M	...
*	− 1·106	− 7·264	1·90	46.2271	9·2
...	1·093	+51·264	− 4	M	...
...	0·985	+57·050	0·90	...	...
...	0·939	+16·361	0·65	...	...
...	0·889	−51·955	− 4	M	...
1011					
...	− 0·857	−56·085	− 1	...	...
...	0·769	+41·139	− 5	M m	...
...	0·760	− 5·472	− 5	M m	...
*	0·640	−44·725	0·95	46.2272	10·0
...	0·619	+40·527	− 5	M m	...
...	− 0·452	+37·633	0·75	45.2269	10·2
...	0·439	−23·122	− 4	M	...
...	0·435	+26·416	− 3	...	...
...	0·343	−48·003	− 3	...	...
...	0·204	+ 7·072	0·90	45.2270	10·2
1021–1080					
1021					
...	− 0·156	+43·245	− 4	M m	...
...	0·120	+28·437	0·75	...	...
...	− 0·077	−29·271	− 5	M	...
...	+ 0·270	+22·957	0·85	...	...
...	0·439	−44·687	0·75	...	...
...	+ 0·567	+47·470	− 5	M m	...
...	0·928	−21·698	− 4	M	...
*	0·945	−11·540	1·15	46.2273	9·7
...	1·008	−11·852	− 3	M	...
*	1·037	−34·865	1·00	46.2274	9·8
1031					
...	+ 1·070	−38·073	0·65	...	...
...	1·116	+17·308	− 3	M m	...
...	1·154	+56·213	0·80	...	...
...	1·166	+17·222	0·80	45.2271	10·2
...	1·269	−42·052	− 5	M m	...
...	+ 1·336	+42·466	0·70	...	...
*	1·384	−44·332	1·05	46.2275	9·7
...	1·447	−29·931	− 5	M m	...
...	1·495	−13·356	0·85	...	...
...	1·570	−16·740	− 5	M	...
1041					
...	+ 1·663	−39·030	0·70	M	...
...	1·681	+44·094	0·80	...	...
...	1·837	+58·094	− 5	M m	...
...	2·122	−42·919	0·75	46.2276	10·0
...	2·147	+53·191	− 5	M m	...
...	+ 2·271	+ 4·221	− 3	M m	...
...	2·315	+22·312	− 3	M m	...
...	2·316	−42·799	− 2	M	...
...	2·360	−17·012	− 3	M	...
...	2·485	+58·295	− 5	M m	...
1051					
...	+ 2·551	+ 5·416	− 5	M m	...
*	2·620	−42·306	1·00	46.2277	9·7
...	2·891	+ 8·665	− 5	M m	...
...	2·891	+ 5·175	− 5	M m	...
...	3·058	+28·581	− 5	M m	...
†	+ 3·125	+54·682	0·65	B m	...
...	3·135	+23·902	− 5	M m	...
...	3·193	+56·540	0·90	...	...
...	3·400	+10·072	− 4	M m	...
...	3·471	+28·770	− 5	M m	...
1061					
*	+ 3·476	−19·777	2·00	46.2278	9·2
...	3·518	−47·466	0·65	M	...
...	3·658	−57·688	0·70	M	...
...	3·766	−11·195	− 5	M m	...
...	3·790	+34·895	0·65	...	...
...	+ 3·893	−53·528	− 5	M m	...
†	3·895	+34·739	0·70	...	...
...	4·034	−54·011	− 4	M m	...
*	4·035	+42·371	1·50	45.2272	9·4
...	4·038	−40·159	− 1	M	...
1071					
...	+ 4·087	−33·642	− 5	M m	...
...	4·098	+35·832	− 4	M m	...
S *	4·151	+50·400	2·00	45.2273	9·0
*	4·163	+20·541	3·00	45.2274	8·1
*	4·277	+20·650	2·80		
...	+ 4·229	−34·522	0·90	46.2280	10·2
...	4·244	−58·938	0·75	...	...
...	4·262	+32·004	0·65	...	...
...	4·282	+ 0·061	− 5	M m	...
...	4·525	+20·505	− 5	M m	...
1081–1140					
1081					
...	+ 4·623	−19·694	− 5	M	...
...	4·643	−35·124	− 4	M	...
$n^{\ddagger}$	4·668	−40·751	1·15	46.2281	6·0
...	4·845	+42·220	− 2	...	...
S $n^{\ddagger}$	4·850	−41·309	6·00	46.2281	6·0
...	+ 4·883	+53·751	− 4	M m	...
*	4·894	+31·364	0·95	45.2275	10·2
...	4·996	− 7·626	− 4	M	...
...	5·313	+55·604	0·65	...	...
...	5·345	+12·237	− 5	M m	...
1091					
...	+ 5·556	−25·388	0·80	...	...
...	5·620	− 2·037	0·75	M	...
...	5·808	+50·580	− 3	M m	...
*	5·860	+59·094	1·25	44.2373	9·8
...	5·904	−33·801	− 3	M	...
...	+ 5·986	+ 0·933	− 1	M	...
...	6·021	−52·156	− 1	...	...
...	6·089	−38·925	− 4	M	...
...	6·139	−53·572	− 4	M	...
*	6·156	−35·729	0·90	46.2284	10·0
1101					
...	+ 6·181	−25·705	− 5	M m	...
*	6·244	−16·511	5·90	46.2283	7·4
...	6·256	−10·592	− 5	M m	...
...	6·465	−30·319	− 4	M	...
*	6·610	− 6·631	1·25	46.2285	9·8
...	+ 6·676	−52·897	− 3	M	...
...	6·691	−19·650	− 3	M	...
...	6·741	+12·092	− 5	M m	...
...	6·742	−48·257	− 3	...	...
*	6·788	−38·125	2·30	46.2286	8·5
1111					
...	+ 6·801	+58·996	− 5	m	...
...	7·139	+39·255	− 3	...	...
...	7·151	+33·686	− 5	m	...
*	7·415	+39·843	1·25	45.2276	9·8
...	7·572	+53·117	− 3	m	...
...	+ 7·617	+40·178	0·65	...	...
...	7·771	−17·514	− 5	M	...
...	7·791	−32·993	0·90	46.2287	10·2
*	7·812	−54·493	2·60	46.2288	8·3
*	7·905	+25·318	0·95	45.2277	10·2
1121					
...	+ 7·922	−50·500	− 2	...	...
...	7·938	+18·166	− 2	...	...
...	7·994	−24·564	− 2	...	...
...	8·154	+30·070	− 2	...	...
‡	8·415	−10·059	1·05	46.2289	9·8
...	+ 8·462	−52·547	0·85	46.2290	10·0
...	8·501	−50·130	− 5	...	...
...	8·589	−34·778	0·80	46.2291	10·2
†	8·723	+14·870	− 4	m	...
...	8·850	−46·537	− 5	...	...
1131					
...	+ 8·920	+45·257	− 1	...	...
*	9·003	+57·215	1·05	44.2380	10·0
...	9·024	−17·776	− 4	...	...
...	9·082	−29·800	− 5	...	...
...	9·098	+50·810	− 3	a	...
...	+ 9·287	+38·105	− 5	m	...
...	9·355	+53·952	− 2	...	...
...	9·450	−11·351	0·90	46.2292	10·2
...	9·609	+31·496	− 5	m	...
...	9·610	−38·540	− 4	...	...

1083, 1085. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
1141-1200					
1141	′	′		°	
...	+ 9·612	−57·087	− 5	...	...
‡	9·639	+20·003	1·15	45.2278	9·7
†	9·768	−34·435	− 5	...	...
...	9·816	− 0·650	− 3	*m*	...
...	9·906	+13·403	0·75	...	...
...	+ 9·911	−53·227	0·70	...	...
...	9·918	−14·033	− 2	...	...
*	9·928	−36·968	3·60	46.2293	8·0
...	9·955	+26·442	0·90	...	...
†	10·028	−49·984	− 4	*m*	...
1151					
*	+10·057	−20·478	2·80	46.2294	8·6
...	10·070	+49·876	0·90	45.2279	10·2
...	10·133	−57·198	− 5	*m*	...
...	10·144	−42·515	− 5	...	...
*	10·146	+20·348	1·00	45.2280	10·2
...	+10·171	−45·118	0·70	...	...
...	10·270	+13·612	− 4	*m*	...
...	10·290	−37·749	0·65	...	...
*	10·313	+51·104	1·00	45.2281	10·0
...	10·349	+20·486	− 5	*m*	...
1161					
...	+10·378	+ 3·460	0·80	...	...
*	10·402	−13·339	0·95	46.2295	10·0
...	10·599	−41·823	− 3	...	...
*	10·690	+ 3·740	1·00	45.2283	10·2
*	10·694	−39·690	1·00	46.2296	9·8
*	+10·722	+ 0·811	1·00	45.2282	9·8
...	10·750	−38·289	0·85	...	...
...	10·773	+ 3·126	0·80	...	...
...	10·827	+17·767	− 5	*m*	...
...	11·022	+ 7·932	− 4	*m*	...
1171					
...	+11·087	−58·965	− 5	*m*	...
...	11·246	+53·088	0·90	...	...
...	11·290	+ 8·707	− 3	*m*	...
*	11·389	−53·091	0·90	...	...
...	11·455	+47·219	− 3	*m*	...
...	+11·536	+41·109	− 3	*b*	...
...	11·548	−17·530	− 3	...	...
...	11·549	−21·650	0·80	...	...
...	11·549	−41·297	0·70	...	...
...	11·565	− 8·433	0·93	...	...
1181					
...	+11·608	−45·848	− 2	...	...
...	11·614	−41·245	− 3	...	...
...	11·660	+58·907	0·75	...	...
...	11·726	−47·274	− 3	...	...
...	11·760	−34·244	− 5	...	...
...	+11·766	+40·428	− 3	*m*	...
*	11·824	+23·066	2·30	45.2284	8·9
...	11·887	−42·243	0·75	...	...
...	11·888	−33·483	0·70	...	...
n *	11·935	+28·008	2·30	45.2285	6·8
1191					
...	+11·943	+ 0·025	− 5	*m*	...
...	11·964	−51·451	− 5	*m*	...
...	12·035	+51·264	− 4	*m*	...
...	12·074	−58·092	− 4	...	...
...	12·122	+33·986	0·75	...	...
...	+12·189	+46·771	− 3	*b*	...
...	12·347	+24·398	0·75	...	...
...	12·367	−35·357	− 5	*m*	...
*n**	12·457	+28·178	5·80	45.2285	6·8
...	12·465	+36·072	0·75	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
1201-1260					
1201	′	′		°	
...	+12·594	+ 5·718	− 5	*m*	...
...	12·677	+45·494	− 5	*m*	...
...	12·762	+ 3·787	− 5	*m*	...
...	12·807	+44·321	− 5	*m*	...
...	13·073	+ 7·530	0·90	...	...
...	+13·107	−42·458	0·65	...	...
...	13·184	+56·812	− 4	*m*	...
...	13·268	+22·527	0·90	45.2286	10·2
...	13·287	−49·162	0·75	...	...
...	13·364	+48·296	− 5	*m*	...
1211					
...	+13·608	+47·668	− 4	*m*	...
...	13·643	−35·186	− 5	...	...
...	13·939	+38·725	0·90	...	...
*	14·024	+42·946	1·60	45.2287	9·2
...	14·098	+39·503	− 3	*b*	...
...	+14·125	+ 4·143	− 5	*m*	...
...	14·125	−18·823	0·85	46.2297	10·2
*	14·282	+23·491	0·90	45.2288	10·2
...	14·341	+24·690	− 4	*m*	...
...	14·379	− 9·537	− 5	*m*	...
1221					
*	+14·583	−15·871	1·00	46.2298	10·2
*	14·892	−41·583	1·15	46.2300	9·6
...	14·963	−23·215	− 4	...	...
...	15·072	+ 7·013	− 3	*m*	...
*	15·327	+15·402	2·00	45.2289	8·8
...	+15·358	+47·314	− 3	...	...
...	15·379	+34·852	− 5	*m*	...
...	15·517	+48·469	− 2	...	...
...	15·536	−54·493	− 1	...	...
*	15·605	−34·230	2·40	46.2301	8·7
1231					
...	+15·741	− 9·652	− 2	...	...
...	15·758	+48·573	− 5	*m*	...
...	15·763	+50·284	− 3	...	...
...	15·829	+48·301	− 5	*m*	...
*	15·942	+ 7·244	1·00	45.2291	9·9
...	+15·996	+45·233	0·75	...	...
...	16·007	+16·011	− 4	...	...
*	16·007	−36·136	1·90	46.2302	9·0
*	16·044	+52·603	1·05	45.2290	9·7
...	16·073	+ 0·871	− 2	...	...
1241					
*	+16·191	−50·158	2·40	46.2303	8·5
...	16·252	−18·593	− 5	...	...
*	16·495	+57·226	1·80	44.2397	9·0
*	16·696	+28·959	2·50	45.2292	8·8
...	16·994	−50·942	0·80	46.2304	10·2
*	+17·036	−58·681	1·40	46.2305	9·4
...	17·062	+40·646	− 3	...	...
...	17·063	+20·030	0·85	45.2293	10·2
†	17·079	−35·051	− 2	...	...
*	17·159	−55·957	1·25	46.2307	9·6
1251					
...	+17·160	−49·086	− 5	...	...
*	17·205	−56·988	1·00	46.2308	10·0
...	17·358	−25·415	0·65	...	...
...	17·398	−50·243	0·75	...	...
S*	17·471	−10·856	5·50	46.2306	7·3
...	+17·715	+38·860	− 3	...	...
...	17·736	−44·444	− 5	...	...
...	17·818	−38·902	− 2	...	...
*	17·966	+51·917	1·00	45.2294	10·0
...	17·970	+11·823	− 1	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
1261-1320					
1261	′	′		°	
...	+17·974	−22·570	− 5	...	...
...	18·030	−44·064	− 5	...	...
...	18·145	−40·765	− 5	...	...
...	18·334	− 7·420	− 5	...	...
...	18·336	+52·761	− 1	...	...
...	+18·458	+45·998	− 5	*m*	...
...	18·548	−39·027	− 5	...	...
...	18·585	−50·723	0·75	...	...
...	18·705	+ 2·229	− 4	*m*	...
...	18·915	−14·609	− 5	...	...
1271					
...	+18·916	+ 9·120	0·90	45.2295	10·0
...	18·938	+37·681	− 2	...	...
...	19·029	+52·956	0·65	...	...
...	19·030	+41·014	− 4	...	...
...	19·061	−17·696	0·70	46.2309	10·2
...	+19·125	+11·896	0·65	...	...
*	19·227	+ 5·416	2·30	45.2296	8·9
...	19·250	−30·773	− 5	...	...
...	19·332	−22·896	− 5	...	...
‡	19·602	+ 8·691	1·30	45.2298	9·4
1281					
...	+19·617	−13·167	− 5	...	...
*	19·701	+52·869	0·95	45.2297	10·2
†	19·754	−39·296	− 1	...	...
...	19·780	+24·065	− 5	*m*	...
...	19·809	−36·240	0·70	...	...
...	+19·988	−59·805	− 4	...	...
...	20·009	+ 4·345	0·80	...	...
...	20·013	+12·892	0·90	45.2300	10·2
...	20·031	−32·536	0·85	46.2310	10·2
...	20·044	+22·358	0·65	...	...
1291					
*	+20·061	+ 9·374	0·90	...	...
...	20·065	+31·550	0·70	...	...
*	20·075	−40·337	1·00	46.2311	9·8
...	20·088	+33·534	− 3	*m*	...
...	20·094	+34·833	− 5	*m*	...
†	+20·123	+ 4·826	− 4	*m*	...
*	20·148	+46·137	1·90	45.2299	9·2
...	20·178	+23·436	− 5	*m*	...
...	20·254	− 3·905	− 4	...	...
...	20·280	−42·527	0·70	...	...
1301					
...	+20·312	−52·410	− 1	...	...
*	20·382	+16·372	1·00	45.2301	10·0
...	20·410	+50·605	− 2	*b*	...
...	20·453	−30·450	− 5	*m*	...
...	20·491	+37·723	0·70	...	...
...	+20·508	−54·595	− 3	...	...
*	20·770	−21·189	1·00	46.2312	9·8
...	20·797	−53·278	0·75	...	...
...	20·798	−42·096	0·65	...	...
...	20·829	+20·184	− 5	*m*	...
1311					
...	+20·894	−17·419	0·75	...	...
...	20·957	+21·277	0·70	...	...
...	21·076	−31·788	0·95	46.2313	10·2
...	21·311	+25·707	− 3	*m*	...
...	21·406	−54·382	− 1	...	...
...	+21·407	+17·757	0·70	...	...
...	21·422	+11·347	0·85	...	...
*	21·462	+ 7·193	2·70	45.2303	8·6
*	21·492	+44·863	0·90	45.2302	10·2
...	21·527	− 5·523	− 5	*m*	...

1190, 1199. C.P.D., mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1321-1380					
1321					
*	+21′·590	−21′·634	1·30	46°.2314	9·6
...	21·602	+11·096	− 5	*m*	...
...	21·668	−45·930	0·65	...	...
*	21·669	− 3·196	1·00	45.2305	9·8
...	21·738	+43·372	0·75	...	...
...	+21·853	+ 9·084	− 4	*m*	...
‡	21·869	−10·122	0·95	46.2315	10·2
*	21·964	−52·820	1·00	46.2317	10·2
*	22·035	−41·663	1·15	46.2316	9·8
...	22·064	+52·204	0·90	45.2304	10·2
1331					
...	+22·193	−14·965	0·70	...	...
...	22·254	+ 7·600	− 5	*m*	...
...	22·255	−42·150	0·80	...	...
*	22·304	+43·277	0·90	...	...
*	22·379	+ 8·346	0·95	45.2306	10·0
...	+22·403	−49·133	− 5	*m*	...
...	22·430	−48·087	− 4	...	...
...	22·472	− 9·794	0·85	...	...
...	22·614	+15·467	− 5	*m*	...
*	22·696	−50·481	1·00	46.2318	10·0
1341					
...	+22·781	+34·233	− 5	*m*	...
...	22·810	+50·328	− 5	*m*	...
...	22·912	+ 3·071	0·80	...	...
...	22·929	−54·540	− 5	*m*	...
...	22·977	−16·701	− 4	...	...
...	+23·020	−52·073	− 5	...	...
...	23·116	−31·275	− 5	...	...
...	23·121	−42·094	0·70	...	...
...	23·127	−56 409	− 5	*m*	...
...	23·176	−52·428	− 2	...	...
1351					
...	+23·188	+36·385	0·70	...	...
...	23·215	+44·400	− 4	*m*	...
...	23·237	+ 1·682	− 5	*m*	...
...	23·292	+14·437	0·65	...	...
...	23·339	−40·928	− 5	...	...
...	+23·466	−41 831	− 3	...	...
*	23·489	−56·247	2·00	46.2320	9·0
...	23·576	−15·653	− 5	*m*	...
*	23·593	+50·873	0·95	45.2307	9·8
*	23·623	+ 3·252	1·15	45.2309	9·6
1361					
*	+23·647	−44·512	2·50	46.2319	8·8
...	23·695	+57·310	− 5	*m*	...
...	23·715	+28·146	0·90	45.2308	10·2
...	23·800	−40·226	− 4	...	...
...	23·801	+14·671	0·70	...	...
...	+23·922	+32·044	0·75	...	...
...	24·010	−31·405	− 5	...	...
...	24·019	+53 239	− 5	*m*	...
*	24·079	+18·027	2·30	45.2310	8·8
...	24·095	+54·984	0·85	...	...
1371					
...	+24·162	−44·468	− 3	...	...
...	24·244	−56·078	0·65	...	...
...	24·302	+58·232	− 3	*m*	...
...	24·371	−22·917	− 5	...	...
...	24·406	−29·007	0·70	...	...
...	+24·457	+23·025	0·75	...	...
*	24·558	−40·187	1·00	46.2322	9·8
†	24·631	+ 3·026	− 4	*m*	...
...	24·699	+23·708	− 3	...	...
...	24·773	+17·976	− 5	*m*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1381-1440					
1381					
...	+24′·780	−39′·989	− 5	° ...	...
...	24·819	−43·915	− 3	...	...
*	25·133	+ 6·729	1·05	45.2311	9·8
...	25·423	+18·979	0·70	45.2312	10·2
...	25·602	−39·336	− 2	...	...
...	+25·606	−56·224	− 5	...	...
...	25·608	+58·628	− 3	...	...
...	25·636	+ 9·047	− 1	...	...
...	25·696	−59·374	− 5	...	...
...	25·811	+31·691	− 2	...	...
1391					
...	+25·990	+23·224	− 1	...	...
...	26·003	−58·549	− 5	...	...
*	26·090	−43·650	1·00	46.2323	9·8
...	26·094	−28·458	− 2	...	...
...	26·248	+38·209	− 2	...	...
*	+26·276	−31·080	2·00	46.2324	9·1
...	26·370	+42·764	− 1	...	...
...	26·527	+47·224	− 3	...	...
...	26·617	−47·967	0·85	46.2327	10·2
...	26·640	−27·664	− 4	...	...
1401					
*	+26·706	− 7·915	1·10	46.2325	9·8
...	26·709	−41·119	− 3	...	...
...	26·731	+43·571	− 2	...	...
...	26·808	−32·583	− 5	...	...
...	26·877	−42·386	− 4	...	...
...	+26·917	− 3·342	0·95	45.2313	9·8
...	26·918	−22·750	0·90	46.2326	10·2
...	27·050	− 1·887	− 4	...	...
...	27·080	+ 2·256	− 5	*m*	...
†	27·097	−25·032	− 3	...	...
1411					
...	+27·221	+14·680	0·65	...	...
...	27·384	+14·983	− 5	*m*	...
...	27·423	+37·337	− 3	...	...
...	27·570	+38·202	− 5	*m*	...
...	27·706	+ 1·245	− 5	*m*	...
...	+27·926	+42·380	− 4	*m*	...
*n**	27·946	−56·065	1·00	46.2328	9·8
...	27·959	−19·794	− 5	...	...
*	28·033	+23·512	1·10	45.2314	9·8
*	28·071	− 0·456	4·60	45.2315	7·7
1421					
*n**	+28·110	−56·217	1·00	46.2328	9·8
...	28·311	+ 5·564	0·65	45.2316	10·2
...	28·350	+39·058	− 3	...	...
*	28·799	−56·787	1·10	46.2329	9·8
...	28·819	−50·174	− 4	...	...
...	+28·822	+15·275	− 4	*m*	...
...	28·858	+56·754	− 5	*m*	...
...	28·868	−18·615	− 5	...	...
...	28·925	−49·435	− 5	...	...
...	29·114	+53·088	− 3	...	...
1431					
...	+29·392	−23·386	0·65	...	...
*	29·423	−52·755	2·00	46.2331	8·8
*	29·429	+ 7·416	1·45	45.2317	9·5
...	29·510	−56·806	− 2	...	...
...	29·735	+40·650	− 4	*m*	...
...	+29·752	+21·937	0·65	...	...
...	29·774	+15·100	− 5	*m*	...
...	29·777	−41·487	0·70	...	...
...	29·845	+40·162	− 5	*m*	...
...	29·880	+34·061	− 5	*m*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1441-1500					
1441					
...	+29′·885	− 6′·923	0·80	° ...	...
*	29·958	−22·156	1·70	46.2332	9·2
...	30·030	+55·789	− 3	*m*	...
...	30·140	+37·577	− 5	*m*	...
...	30·484	+56·019	− 4	*m*	...
...	+30·900	+29·159	0·80	...	...
...	30·916	+53·352	− 5	*m*	...
...	31·290	+31·959	− 5	*m*	...
...	31·442	+54·189	− 5	*m*	...
*	31·460	−52·853	1·30	46.2336	9·6
1451					
...	+31·544	+33·505	− 3	*m*	...
...	31·600	−52·763	0·70	...	...
...	31·632	+36·421	0·75	...	...
...	31·649	−11·954	0·70	...	...
...	31·665	+25·060	0·80	45.2318	10·2
*	+31·670	−25·319	1·00	46.2335	9·9
...	31·692	+13·530	− 5	*m*	...
...	31·818	+23·753	0·80	45.2319	10·2
...	31·853	+14·746	− 3	*b*	...
*	32·024	+33·589	1·00	45.2320	9·8
1461					
...	+32·069	+50·029	0·70	...	...
...	32·211	+20·880	− 5	*m*	...
*	32·275	−21·265	1·00	46.2337	9·8
...	32·284	− 0·743	0·80	...	...
*	32·451	−23·787	1·70	46.2339	9·4
*	+32·485	−12·772	0·95	46.2338	10·2
...	32·494	+10·203	0·90	45.2321	10·2
...	32·530	+55·034	− 5	*m*	...
*	32·632	+ 9·483	0·90	45.2323	10·2
*	32·659	+18·219	1·00	45.2322	9·8
1471					
...	+32·682	−52·604	− 5	*m*	...
...	32·697	−35·590	− 1	...	...
...	32·714	+57·287	0·80	...	...
...	32·764	−28·697	0·65	...	...
...	32·765	+11·456	− 5	*m*	...
*	+32·793	−53·740	1·00	46.2341	9·7
...	32·828	−13·995	0·75	...	...
...	32·829	+43·153	− 5	*m*	...
...	32·846	− 8·409	0·85	...	...
...	32·884	+ 1·833	− 5	*m*	...
1481					
...	+32·887	+43·335	− 3	*m*	...
...	32·895	+ 2·003	− 5	*m*	...
*	32·913	+ 2·845	1·60	45.2325	9·6
...	32·960	+56·019	− 5	*m*	...
...	33·011	+35·127	− 4	*m*	...
...	+33·040	− 7·530	0·65	...	...
*	33·049	− 4·881	1·00	46.2340	10·0
...	33·052	−49·279	0·90	...	...
*	33·064	−55·818	1·30	46.2342	9·6
...	33·072	+12·922	− 5	*m*	...
1491					
†	+33·090	+19·827	− 4	*m*	...
*	33·111	+26·959	1·00	45.2324	10·0
...	33·223	−31·642	0·70	...	...
...	33·247	+43·137	0·70	...	...
...	33·421	+ 4·476	0·70	...	...
...	+33·440	−58·884	0·85	...	...
...	33·448	−10·266	0·85	...	...
*	33·450	+20·724	1·00	45.2326	10·2
...	33·480	− 5·380	− 5	*m*	...
...	33·562	−16·208	− 5	...	...

1417, 1421. C.P.D., suspected double.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	-2.	No.	Mag.
1501-1560					
1501					
...	+33·583	+40·679	— 5	m	...
...	33·608	—26·619	0·80	...	...
...	33·636	+20·369	— 4	m	...
...	33·641	—56·759	0·65	...	...
...	33·663	+40·192	0·85	...	...
...	+33·730	—37·754	0·65	...	...
...	33·794	—24·625	— 4	...	...
*	33·824	—36·177	0·90	46.2344	10·2
*	33·879	— 7·457	2·40	46.2343	8·8
...	33·912	—46·026	0·65	...	...
1511					
...	+33·915	—42·118	0·75	...	...
...	33·918	—56·285	— 5	m	...
...	33·998	—28·262	0·70	...	...
...	34·049	+14·030	0·70	...	...
...	34·130	+44·959	0·65	...	...
...	+34·158	+ 7·103	0·85	...	...
...	34·187	+ 8·318	0·75	...	...
...	34·198	+12·798	— 3	m	...
...	34·201	—58·330	— 5	m	...
...	34·233	—55·549	0·95	...	...
1521					
...	+34·342	—58·784	0·90	...	...
*	34·346	— 9·023	1·05	46.2345	9·8
...	34·362	—29·770	— 4	...	...
†	34·628	—24·112	— 4	...	...
...	34·803	—26·774	— 4	...	...
...	+34·840	+24·207	0·65	45.2327	10·2
...	34·868	+21·947	— 4	m	...
S ‡	34·906	+14·835	2·60	45.2328	8·4
...	34·982	+26·131	— 3	b	...
...	35·002	— 5·409	— 5	...	...
1531					
...	+35·066	+ 8·652	— 5	m	...
*	35·075	—58·098	0·95	46.2347	10·0
α	35·271	— 0·377	0·95	45.2329	10·2
...	35·294	+58·095	0·90	44.2434	10·2
...	35·352	+59·004	— 5	m	...
...	+35·390	—11·493	0·95	46.2346	10·2
...	35·439	—54·246	— 4	...	...
...	35·445	—48·621	— 2	...	...
...	35·482	+ 7·065	— 5	m	...
...	35·526	+46·392	0·70	...	...
1541					
...	+35·697	—33·631	— 5	...	...
...	35·729	—23·115	— 2	...	...
...	35·734	+52·415	— 3	...	...
...	35·740	+38·573	— 3	...	...
...	35·823	+ 3·889	— 4	m	...
...	+35·904	—34·691	— 4	...	...
...	35·932	+10·348	— 4	m	...
*	35·949	—57·253	1·00	46.2348	9·8
...	35·959	—22·827	— 1	...	...
...	36·016	+55·310	— 3	...	...
1551					
...	+36·038	+21·129	0·85	45.2331	10·2
...	36·159	—41·206	— 1	...	...
...	36·174	—31·876	— 3	...	...
S *	36·348	+43·513	2·10	45.2330	8·8
...	36·404	—20·166	— 3	...	...
...	+36·728	—12·603	— 5	m	...
...	36·862	+ 0·245	0·65	...	...
...	36·872	—24·410	— 5	...	...
...	36·874	+33·605	— 3	...	...
...	36·886	+13·604	— 5	m	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	-2.	No.	Mag.
1561-1620					
1561					
...	+37·131	—44·910	0·85	46.2349	10·0
...	37·253	—20·208	— 3	...	...
...	37·361	—59·056	— 4	...	...
...	37·368	—28·956	— 4	...	...
...	+37·440	+37·534	— 3	...	...
*	37·469	+ 6·386	1·00	45.2332	9·9
...	37·577	— 9·790	— 5	...	...
...	37·596	—50·367	0·80	46.2351	10·2
...	37·598	— 5·219	0·65	...	...
...	37·814	+31·725	0·65	...	...
1571					
...	+37·831	+48·223	— 3	...	...
...	37·884	— 9·905	— 2	...	...
...	37·893	— 4·558	— 4	...	...
*	37·925	—19·252	2·00	46.2350	8·6
...	37·966	+51·130	0·65	...	...
*	+37·986	+17·641	2·00	45.2333	8·7
...	37·997	+21·703	— 3	...	...
...	38·090	— 1·652	— 3	...	...
...	38·147	+50·562	0·75	...	...
†	38·225	—45·018	— 5	...	...
1581					
...	+38·306	+ 8·598	— 5	m	...
...	38·436	—51·030	— 5	m	...
...	38·640	+52·601	— 3	...	...
*	38·640	—41·764	1·00	46.2352	10·0
...	38·828	+19·232	— 2	...	...
...	+38·857	—29·285	0·85	46.2353	9·9
...	38·921	+28·282	— 4	...	...
...	38·927	+56·585	— 5	m	...
...	38·935	—13·026	— 5	...	...
...	39·178	—45·386	0·75	...	...
1591					
...	+39·179	+ 7·209	— 4	m	...
...	39·193	+28·612	— 5	m	...
...	39·382	+11·679	— 4	m	...
...	39·412	—55·567	0·65	...	...
...	39·460	—51·373	— 5	...	...
...	+39·490	+34·947	— 2	...	...
...	39·693	+41·287	— 4	m	...
*	39·745	—31·742	1·20	46.2354	9·8
...	39·843	—46·906	— 3	...	...
*	39·897	+33·223	2·40	45.2334	8·8
1601					
...	+39·911	—45·870	— 5	m	...
...	40·016	+ 1·980	— 4	m	...
...	40·185	+ 3·310	— 5	m	...
*	40·205	— 2·716	1·00	45.2337	9·9
...	40·233	+26·467	— 5	m	...
...	+40·242	— 7·654	0·65	...	...
...	40·258	—59·140	— 5	...	...
*	40·278	+44·505	1·70	45.2335	8·9
...	40·360	+25·412	— 5	m	...
...	40·409	+32·464	— 4	m	...
1611					
...	+40·435	+25·458	— 5	m	...
*	40·485	— 8·597	1·10	46.2355	9·8
*	40·657	—28·489	1·40	46.2356	9·2
...	40·674	+49·988	— 5	m	...
...	40·674	+37·733	0·80	...	...
...	+40·721	+26·088	— 5	m	...
...	40·828	+44·894	0·75	...	...
...	40·850	+34·583	0·80	...	...
...	40·872	+57·197	— 4	m	...
...	40·874	—24·851	— 5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	-2.	No.	Mag.
1621-1680					
1621					
...	+40·920	+25·912	— 4	m	...
...	41·013	+22·549	0·75	...	...
*	41·062	+48·079	1·40	45.2336	9·4
...	41·070	+ 2·678	— 4	m	...
...	41·085	+21·896	— 4	m	...
...	+41·092	—44·089	0·75	...	...
...	41·180	—24·188	— 4	...	...
...	41·305	+57·934	— 5	m	...
...	41·463	+ 4·272	0·80	...	...
...	41·472	+16·132	— 5	m	...
1631					
...	+41·498	—46·014	— 5	m	...
*	41·525	+57·486	1·15	44.2443	9·8
...	41·642	—46·830	0·75	...	...
...	41·749	+50·370	0·75	...	...
...	41·811	—21·877	— 5	...	...
...	+41·960	+44·273	— 5	m	...
...	42·026	—45·069	0·65	...	...
...	42·042	+29·508	0·80	...	...
...	42·043	+ 1·993	0·70	...	...
*	42·137	—55·033	1·05	46.2361	10·0
1641					
...	+42·185	—14·754	— 4	m	...
...	42·192	+ 6·802	— 4	m	...
...	42·232	+ 3·906	— 5	m	...
...	42·353	+25·728	— 3	m	...
...	42·406	—57·060	— 5	m	...
*	+42·414	+ 0·971	1·90	45.2338	9·1
*	42·432	—59·361	0·95	...	...
...	42·448	—51·392	— 5	m	...
*	42·464	—41·920	1·00	46.2360	9·9
...	42·481	—10·720	— 5	m	...
1651					
*	+42·481	—35·232	3·00	46.2358	7·8
...	42·495	—47·699	— 5	m	...
*	42·514	—33·612	1·00	46.2359	9·8
...	42·535	+ 0·930	— 3	b	...
...	42·708	+29·412	0·70	...	...
...	+42·729	+17·901	— 3	m	...
...	42·741	+ 2·434	— 4	m	...
...	42·923	+23·036	— 5	m	...
...	42·943	—44·537	— 5	m	...
...	42·944	+16·152	— 5	m	...
1661					
*	+42·957	—43·600	0·90	46.2363	10·2
*	43·005	—42·449	2·10	46.2364	8·8
*	43·017	—11·203	0·90	46.2362	10·2
...	43·150	—13·368	— 5	m	...
...	43·170	+51·561	0·70	...	...
...	+43·197	+46·048	— 5	m	...
...	43·470	+10·185	— 5	m	...
...	43·708	—48·308	— 5	m	...
...	43·720	—19·871	— 5	m	...
...	43·729	+21·664	0·65	...	...
1671					
...	+43·789	—20·822	— 4	...	...
...	43·846	— 1·788	0·70	...	...
...	43·863	—16·148	0·85	...	...
...	43·865	+39·425	— 4	m	...
*	43·909	+36·985	1·60	45.2339	9·2
...	+43·937	+53·976	— 5	m	...
...	43·953	—15·242	— 4	...	...
...	44·031	+35·619	— 5	m	...
...	44·108	+45·086	0·70	b	...
...	44·230	+24·545	0·65	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
1681–1740					
1681					
...	+44′265	− 8′609	0·80	° ...	...
*	44·280	+11·854	1·00	45.2342	10·2
...	44·314	+31·025	0·90	...	...
...	44·316	−19·528	0·70	...	...
...	44·350	+ 1·115	− 5	*m*	...
*	+44·352	− 3·027	0·90	45.2343	10·2
*	44·379	+17·631	0·90	45.2341	10·2
*	44·415	−14·961	2·00	46.2365	8·8
...	44·479	+ 5·854	0·70	*b*	...
*	44·554	−40·497	0·90	46.2367	10·2
1691					
†	+44·616	−46·551	− 3	...	...
†	44·628	+49·259	0·80	45.2340	10·2
‡	44·632	−35·852	1·60	46.2366	9·2
...	44·718	−19·734	− 3	...	...
*	44·726	−39·474	1·10	46.2368	9·6
...	+44·811	−30·936	− 5	...	...
...	44·927	+41·825	0·85	...	...
†	44·997	+29·819	− 4	...	...
...	45·017	−17·024	− 3	...	...
...	45·193	+31·031	− 5	*m*	...
1701					
*	+45·354	+18·617	1·05	45.2344	9·8
...	45·370	−41·871	0·80	46.2370	10·2
*	45·445	−12·695	1·00	46.2369	9·8
...	45·469	−35·781	− 3	...	...
...	45·532	+29·032	0·75	...	...
...	+45·649	+35·793	− 5	*m*	...
...	45·824	−36·286	− 5	*m*	...
...	45·927	−36·425	0·70	46.2371	10·2
...	45·928	−46·957	− 5	...	...
...	46·017	+47·821	− 3	...	...
1711					
...	+46·122	− 9·527	− 3	...	...
...	46·141	+ 5·642	− 5	*m*	...
...	46·186	+ 2·197	− 4	*e*	...
*	46·199	−46·254	2·70	46.2373	8·2
...	46·384	−31·475	0·80	46.2374	10·2
...	+46·477	+45·354	0·75	...	...
...	46·537	−29·104	− 2	...	...
...	46·582	− 6·462	0·70	46.2372	10·2
*	46·602	+50·939	1·25	45.2345	9·6
...	46·606	+30·862	0·75	...	...
1721					
...	+46·696	+28·594	− 5	*m*	...
*	46·732	−27·999	1·00	46.2375	9·8
...	46·821	+27·743	− 5	*m*	...
...	46·854	+ 2·272	− 4	*e*	...
*	46·952	−42·504	1·30	46.2376	9·6
...	+46·959	−46·012	− 5	*m*	...
...	47·091	+49·451	0·65	...	...
...	47·148	−44·320	− 5	...	...
...	47·611	−49·456	− 3	...	...
...	47·633	+29·272	− 5	*m*	...
1731					
...	+47·687	−13·751	− 5	...	...
...	47·696	+12·211	− 3	...	...
...	47·810	−24·885	0·75	46.2377	10·2
...	47·848	+26·241	− 5	*m*	...
...	47·892	+11·688	− 2	...	...
...	+47·940	− 7·770	− 3	*m*	...
*	47·961	−33·735	1·00	46.2378	9·7
...	47·981	+59·106	− 5	...	...
...	47·995	+19·933	− 4	*e*	...
...	48·057	− 0·253	− 2	*e*	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
1741–1800					
1741					
†	+48′099	+39′822	0·80	° 45.2346	10·2
...	48·117	−35·285	− 5	...	...
...	48·153	+19·439	− 4	*e*	...
...	48·362	+51·070	− 5	*m*	...
...	48·369	+10·273	− 3	...	...
...	+48·371	−34·374	− 4	...	...
...	48·433	+25·987	− 3	...	...
...	48·440	−16·309	0·70	46.2379	10·2
...	48·488	+ 7·358	− 4	*e*	...
...	48·635	+55·979	− 3	...	...
1751					
...	+48·644	−50·973	− 4	...	...
*	48·707	−45·884	1·80	46.2381	9·0
...	48·871	−16·039	− 4	...	...
...	48·884	+16·226	− 4	*e*	...
...	48·893	−24·608	0·85	46.2380	10·0
...	+48·941	+11·289	− 3	*e*	...
...	49·261	+ 8·559	− 5	*e*	...
...	49·283	−22·812	− 5	*e*	...
...	49·365	−18·532	− 5	*e*	...
...	49·432	−53·014	− 1	...	...
1761					
...	+49·466	−12·489	− 4	...	...
*	49·499	+27·206	1·00	45.2347	9·9
...	49·522	+19·312	− 5	*e*	...
...	49·546	−52·782	− 3	...	...
...	49·570	−43·067	− 5	...	...
†	+49·633	+ 6·992	0·65	...	...
...	49·746	+22·398	0·75	...	...
*	49·923	−31·854	1·00	46.2382	10·0
S *	50·044	−47·180	3·50	46.2383	7·8
...	50·253	− 6·468	0·65	...	...
1771					
...	+50·290	− 3·058	− 5	*e*	...
...	50·303	−31·030	0·70	...	...
†	50·373	−49·959	− 1	...	...
...	50·411	+15·411	0·80	...	...
...	50·559	+18·720	0·70	...	...
*	+50·576	−49·006	1·00	46.2385	10·2
‡	50·629	−30·085	1·10	46.2384	9·6
‡	50·643	+39·837	1·30	45.2348	9·2
*	50·801	+58·904	1·40	44.2457	9·6
...	50·811	+57·213	0·65	...	...
1781					
...	+50·834	+23·066	− 5	*e*	...
...	50·874	+ 8·964	− 5	*m*	...
*	51·045	+55·710	1·60	44.2460	9·2
*	51·059	+25·950	0·95	...	...
*	51·124	− 2·741	1·35	45.2350	9·7
...	+51·191	+54·905	− 5	*e*	...
...	51·223	+14·763	0·65	*e*	...
...	51·282	+ 7·118	− 4	*e*	...
...	51·328	+22·883	− 2	*e*	...
...	51·403	+ 0·256	0·85	45.2351	10·2
1791					
...	+51·444	−15·933	0·65	...	...
...	51·460	−25·570	− 4	*e*	...
...	51·481	− 5·520	− 5	*e*	...
*	51·483	− 1·615	0·90	45.2353	10·2
*	51·586	−26·015	1·00	46.2387	10·0
...	+51·620	+49·330	− 4	*e*	...
*	51·625	−57·164	2·10	46.2390	8·9
...	51·697	−59·223	− 5	...	...
...	51·705	− 6·566	− 4	*m*	...
†	51·754	−59·946	− 4	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
1801–1860					
1801					
*	+51′763	+38′918	1·00	° 45.2349	10·0
...	51·793	+43·042	− 5	*e*	...
...	51·909	−22·102	− 4	...	...
...	51·984	+25·212	0·65	...	...
...	52·056	−35·559	− 5	*e*	...
...	+52·090	−40·201	− 2	...	...
...	52·157	+ 5·007	0·80	...	...
†	52·277	−25·027	0·70	...	...
*	52·285	+46·838	1·00	45.2352	10·0
...	52·293	−26·981	0·65	...	...
1811					
...	+52·341	−28·091	− 5	...	...
*	52·347	−15·856	1·20	46.2388	9·6
...	52·465	−32·250	− 5	...	...
S ‡	52·529	+39·723	1·70	45.2354	9·1
...	52·559	−55·885	0·80	...	...
...	+52·566	+46·637	− 5	*e*	...
†	52·578	+34·852	− 4	*e*	...
...	52·606	+12·884	− 5	*m*	...
...	52·673	+46·861	− 5	*e*	...
...	52·770	−26·664	− 5	...	...
1821					
...	+52·803	+13·489	0·70	*e*	...
...	52·865	+17·468	− 4	*e*	...
*	52·906	+50·388	0·95	45.2355	10·2
...	52·920	+57·291	0·75	...	...
*	52·941	+14·674	2·10	45.2356	9·0
...	+52·946	+34·046	− 5	*e*	...
*	52·995	+26·574	0·90	...	...
...	53·035	−58·825	− 5	...	...
...	53·065	+20·173	0·65	...	...
...	53·111	−10·502	0·70	...	...
1831					
...	+53·131	+48·981	0·65	...	...
* [	53·136	−49·779	1·90	46.2392	8·0
* [	53·195	−49·701	2·10		
...	53·204	+22·196	− 5	*m*	...
...	53·230	+55·514	− 5	*e*	...
...	+53·246	+30·447	0·85	...	...
*	53·406	+30·085	1·70	45.2357	9·4
...	53·427	+59·251	− 5	*m*	...
...	53·433	−16·469	− 3	...	...
*	53·512	+14·459	0·95	45.2358	10·0
1841					
...	+53·563	− 8·038	0·90	...	...
...	53·585	−11·190	− 2	...	...
...	53·690	+ 1·012	− 4	*e*	...
...	53·717	+15·072	0·95	45.2359	10·0
*	53·917	−11·898	1·20	46.2391	9·6
...	+53·924	−20·230	− 3	...	...
...	53·938	−28·365	− 5	*m*	...
...	53·942	− 5·666	− 4	...	...
...	53·956	−38·368	0·70	...	...
...	54·080	+56·274	0·75	...	...
1851					
...	+54·090	−52·305	− 2	...	...
...	54·285	−17·413	− 1	...	...
...	54·307	− 5·257	− 5	*m*	...
‡	54·626	+17·801	1·35	45.2360	9·2
...	54·682	− 6·212	− 4	...	...
...	+54·741	+14·143	− 4	*e*	...
*	54·764	+18·154	1·10	45.2361	9·6
...	54·904	+ 7·748	0·80	...	...
...	54·985	−52·757	− 5	...	...
...	54·993	−22·248	− 2	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. –2.	C.P.D. No.	C.P.D. Mag.
1861-1880					
1861					
...	+55′·022	+29′·433	– 5	m	...
...	55·063	–50·821	– 5	...	...
...	55·092	+57·708	0·75	...	...
*	55·105	–30·962	1·25	46.2393	9·4
...	55·211	+17·034	– 2	...	...
...	+55·215	+15·491	0·75	...	...
...	55·296	– 8·143	– 2	...	...
*	55·315	+55·894	1·50	44.2465	9·6
...	55·328	+58·908	0·80	44·2464	10·2
...	55·352	+36·702	– 2	...	...
1871					
...	+55·663	–52·072	– 1	...	...
...	55·712	+29·638	– 4	m	...
*	55·751	–59·347	1·30	46.2394	9·7
...	55·770	–38·274	– 5	...	...
...	55·783	+16·252	– 5	e	...
...	+55·921	–17·229	– 5	m	...
...	56·072	–49·062	0·65	...	...
...	56·190	– 5·947	– 2	...	...
*	56·206	+29·432	1·00	45.2362	9·8
...	56·300	–11·592	– 3	...	...
1881-1900					
1881					
...	+56′·340	+20′·835	– 3	e	...
...	56·500	–11·815	– 4	...	...
...	56·512	+23·534	– 3	...	...
...	56·692	+57·667	0·90	44.2469	9·9
...	56·703	–32·537	– 4	...	...
...	+57·163	+22·048	– 1	45.2363	10·2
...	57·306	–25·682	– 2	...	...
...	57·353	+ 0·790	– 4	e	...
*	57·392	–54·143	1·05	46.2395	9·8
*	57·465	+10·165	1·15	45.2364	9·4
1891					
...	+57·621	– 8·591	– 5	e	...
...	57·644	–49·701	– 3	...	...
...	57·702	–47·708	– 4	...	...
...	57·757	–42·431	– 4	...	...
...	57·808	+ 9·355	0·65	...	...
*	+58·010	–38·335	1·35	46.2396	9·6
...	58·040	+10·654	– 3	e	...
...	58·113	+ 0·861	– 4	e	...
...	58·289	+18·731	– 5	e	...
...	58·291	–51·391	– 4	...	...
1901-1916					
1901					
*	+58′·293	+14′·698	2·10	45.2367	8·8
...	58·566	–10·288	– 1	...	...
*	58·824	+47·674	1·40	45.2365	9·6
...	58·945	+48·114	0·80	45.2366	10·0
...	58·969	– 2·291	– 4	...	...
*	+59·027	+24·242	1·90	45.2369	8·8
...	59·065	+10·978	– 2	...	...
...	59·163	–20·560	– 4	...	...
...	59·226	+43·951	– 5	e	...
...	59·249	–21·798	– 5	m	...
1911					
...	+59·265	+52·487	0·85	...	...
*	59·286	–59·814	1·35	46.2397	9·6
...	59·362	+29·522	0·65	...	...
...	59·415	+49·708	0·85	45.2368	10·0
...	59·419	+19·217	– 4	e	...
†	+59·540	– 1·841	– 2	...	...

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	1-30 x.	1-30 y.	1-30 –2.	1-30 No.	1-30 Mag.	31-60 x.	31-60 y.	31-60 –2.	31-60 No.	31-60 Mag.	61-90 x.	61-90 y.	61-90 –2.	61-90 No.	61-90 Mag.
1						31					61				
†	–60′·198	+29′·602	– 5	...	...	...	–57′·644	–35′·961	– 3	...	...	‡ –55′·295	+58′·843	1·40	44.2457	9·6
...	59·962	–59·639	0·90	...	...	...	57·558	–42·053	0·80	46.2370	10·2	... 55·289	–16·410	0·75	46.2379	10·2
...	59·946	+ 5·625	– 3	M	...	...	57·532	+29·130	– 5	M	...	... 55·256	+ 8·473	– 4	E	...
...	59·911	–43·854	0·70	46.2363	10·2	...	57·463	+ 2·123	– 5	E	...	‡ 55·231	–33·840	1·00	46.2378	9·7
*	59·881	–42·709	2·10	46.2364	8·8	...	57·459	– 6·621	0·90	46.2372	10·2	† 55·214	+57·155	– 5	...	...
...	–59·879	–16·390	0·65	...	...	†	–57·399	+39·681	0·80	45.2346	10·2	† –55·186	+22·318	– 1	...	...
*	59·793	– 3·260	1·00	45.2343	10·2	...	57·366	+55·855	– 4	...	...	† 55·105	–49·570	– 3	...	...
...	59·718	+47·606	– 3	...	...	...	57·222	+26·108	– 5	M	...	... 55·070	– 7·851	0·70	...	...
...	59·701	– 8·830	0·75	...	...	...	57·164	–36·591	0·65	46.2371	10·2	... 55·032	–35·383	– 5	...	...
...	59·622	+28·827	0·75	...	...	...	56·929	+12·072	– 3	...	...	* 54·945	+55·652	1·90	44.2460	9·2
11						41					71					
*	–59·468	+18·414	1·05	45.2344	9·8	†	–56·870	+19·806	– 4	E	...	... –54·874	–16·133	– 1	...	...
...	59·431	– 1·509	– 5	M	...	...	56·862	–31·629	0·80	46.2374	10·2	... 54·851	+ 6·922	0·75	...	...
...	59·364	+26·214	– 5	M	...	...	56·786	–29·266	0·75	...	...	‡ 54·842	+39·765	1·40	45.2348	9·2
‡	59·349	–15·190	1·90	46.2365	8·8	...	56·718	+11·564	– 2	...	...	... 54·800	–34·463	– 4	...	...
...	59·310	–19·756	– 3	...	...	...	56·706	+19·323	– 3	E	...	... 54·756	+54·874	– 5	E	...
*	–59·214	+50·741	1·60	45.2345	9·6	*	–56·636	–28·147	1·10	46.2375	9·8	* –54·586	–24·681	1·00	46.2380	10·0
...	59·189	+45·164	0·80	...	...	...	56·624	+25·866	– 2	...	...	... 54·512	– 4·333	– 5	M	...
...	58·918	–19·945	– 4	...	...	*	56·570	–46·406	3·00	46.2373	8·2	... 54·391	–12·547	0·65	...	...
...	58·704	+49·277	0·80	...	...	...	56·194	+10·168	– 3	...	...	* 54·314	+15·363	0·95	...	...
...	58·696	–17·231	– 3	...	...	...	56·176	– 0·362	– 2	E	...	... 54·297	–18·599	– 4	E	...
21						51					81					
...	–58·594	+30·684	0·75	...	...	...	–56·132	–13·864	– 5	...	...	... –54·275	+18·667	0·70	...	...
*	58·470	–36·076	1·80	46.2366	9·2	...	55·997	– 1·307	– 5	M	...	... 54·251	–22·873	– 5	E	...
...	58·443	+28·429	– 5	M	...	...	55·987	+ 7·241	– 3	E	...	† 54·225	+ 9·763	– 5	M	...
...	58·415	–40·707	0·75	46.2367	10·2	*	55·941	–42·635	1·40	46.2376	9·6	... 54·161	+49·283	– 5	E	...
*	58·400	–12·887	1·05	46.2369	9·8	...	55·857	+16·129	– 4	E	...	... 54·139	+23·021	– 5	E	...
*	–58·281	–39·679	1·50	46.2368	9·6	...	–55·658	+11·201	– 4	E	...	* –54·088	–45·965	1·90	46.2381	9·0
...	58·226	– 3·134	– 5	M	...	...	55·654	–25·001	0·80	46.2377	10·2	... 54·074	–18·067	– 5	M	...
...	58·152	–46·755	– 5	...	...	*	55·598	+27·130	1·05	45.2347	9·9	... 54·018	–51·055	– 4	...	...
...	58·124	+ 2·018	– 4	E	...	...	55·518	+ 6·422	– 5	M	...	... 54·011	–36·471	– 5	...	...
...	57·826	– 9·692	– 2	...	...	...	55·321	+19·226	– 4	E	...	* 53·992	+25·907	0·90	...	...

ES measured from 1, 163, 316, 466, 631, 784, 913, 1054, 1201, 1352, 1492, 1606.
NM „ „ 65, 231, 379, 530, 705, 838, 969, 1125, 1275, 1416, 1538, 1676.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
91–150					
91	′	′		°	
…	−53·862	− 3·089	− 5	E	…
…	53·794	− 6·508	− 1	…	…
…	53·790	+43·027	− 5	E	…
*	53·692	+38·893	0·95	45.2349	10·0
…	53·633	+22·859	− 4	E	…
†	−53·486	+14·740	0·70	E	…
*	53·424	+46·821	1·15	45.2352	10·0
*	53·329	−31·890	1·00	46.2382	10·0
…	53·329	−43·126	− 4	…	…
…	53·182	+ 7·088	− 5	E	…
101					
…	−53·152	−53·071	0·75	…	…
…	53·142	+46·627	− 5	E	…
…	53·110	+57·295	0·65	…	…
…	53·049	−52·832	0·65	…	…
…	53·048	+25·203	0·65	…	…
…	−53·047	+46·868	− 5	E	…
*	53·024	− 2·751	1·20	45.2350	9·7
…	52·967	−31·059	0·65	…	…
S ‡	52·940	+39·728	2·00	45.2354	9·1
*	52·916	+50·385	0·90	45.2355	10·2
111					
…	−52·849	+ 0·255	0·80	45.2351	10·2
…	52·777	+34·856	− 5	E	…
…	52·758	+55·548	− 5	E	…
*	52·728	− 1·623	0·90	45.2353	10·2
S *	52·698	−47·215	3·60	46.2383	7·8
‡ ‡	−52·675	−30·107	1·20	46.2384	9·6
…	52·646	+49·000	− 2	…	…
…	52·607	− 5·527	− 5	E	…
…	52·373	+34·062	− 4	E	…
…	52·338	− 6·561	− 4	M	…
121					
†	−52·305	−49·982	− 3	…	…
…	52·299	−15·938	0·65	…	…
…	52·251	+ 5·021	0·70	…	…
…	52·211	−23·911	− 4	M	…
*	52·122	−49·016	0·95	46.2385	10·2
…	−52·068	+26·600	0·85	…	…
…	51·990	−25·568	− 5	E	…
…	51·952	+30·480	0·85	…	…
…	51·922	+56·324	0·65	…	…
…	51·920	+17·488	− 5	E	…
131					
…	−51·879	+13·517	0·70	E	…
…	51·847	−58·965	− 5	…	…
*	51·836	−26·005	1·05	46.2387	10·0
…	51·812	+20·212	0·65	…	…
*	51·771	+30·127	1·60	45.2357	9·4
…	−51·754	−16·710	− 5	M	…
*	51·743	+14·696	2·00	45.2356	9·0
…	51·637	−22·091	− 4	…	…
*	51·392	−15·837	1·15	46.2388	9·6
*	51·188	+14·506	0·95	45.2358	10·0
141					
…	−51·185	−25·007	0·85	…	…
…	51·106	−26·955	− 3	…	…
…	51·104	− 9·876	− 5	M	…
…	51·073	−35·534	− 5	E	…
…	51·036	−28·062	− 5	…	…
…	−51·034	+44·921	− 4	M	…
*	50·994	+15·132	1·00	45.2359	10·0
…	50·961	+57·776	0·70	…	…
…	50·937	− 3·018	− 5	M	…
…	50·914	−40·185	− 3	…	…
151–210					
151	′	′		°	
*	−50·819	−57·133	2·30	46.2390	8·9
…	50·808	−10·447	0·70	…	…
…	50·773	−32·208	− 5	…	…
…	50·745	+58·998	0·80	44.2464	10·2
…	50·698	−59·203	− 5	…	…
*	−50·659	+55·966	1·50	44.2465	9·6
…	50·650	−26·618	− 5	…	…
…	50·604	−59·920	− 3	…	…
…	50·591	+ 1·073	0·65	E	…
…	50·434	− 7·978	0·85	…	…
161					
…	−50·310	−11·127	− 2	…	…
…	50·295	−16·409	− 3	…	…
‡	50·167	+17·875	1·50	45.2360	9·2
…	50·144	+29·522	− 5	M	…
…	50·129	− 5·605	− 5	…	…
…	−50·098	−26·418	− 5	…	…
*	50·048	+18·233	1·05	45.2361	9·6
…	50·045	+36·803	− 1	…	…
*	49·955	−11·828	1·15	46.2391	9·6
…	49·953	+14·228	− 3	E	…
171					
…	−49·935	−55·836	− 1	…	…
…	49·594	+ 7·842	0·75	…	…
…	49·569	+17·130	− 2	…	…
*	49·537	−49·711	2·30	46.2392	8·0
*	49·478	−49·650	2·30		
…	−49·507	+15·588	0·65	…	…
…	49·485	+42·336	− 5	M	…
†	49·458	+29·749	− 5	M	…
…	49·412	−17·323	− 4	…	…
…	49·376	−58·748	− 4	…	…
181					
…	−49·372	− 6·123	− 4	…	…
*	49·366	+57·795	1.10	44.2469	9·9
…	49·087	−38·273	− 3	…	…
…	48·969	+16·371	− 5	E	…
*	48·958	+29·554	1·00	45.2362	9·8
…	−48·697	− 8·043	− 2	…	…
…	48·562	+20·963	− 3	E	…
…	48·561	−22·144	− 2	…	…
…	48·522	−52·210	− 3	…	…
…	48·463	+23·674	− 3	…	…
191					
*	−48·168	−30·835	1·35	46.2393	9·4
…	47·887	+21·370	− 5	M	…
…	47·874	− 5·806	− 2	…	…
…	47·774	+22·201	− 1	45.2363	10·2
…	47·609	+48·544	− 5	M	…
…	−47·607	−52·642	− 5	…	…
…	47·594	−11·439	− 4	…	…
…	47·594	−50·684	− 4	…	…
…	47·372	−11·655	− 5	…	…
…	47·342	−38·004	− 5	…	…
201					
…	−47·277	−38·126	− 5	…	…
*	47·099	+10·250	1·20	45.2364	9·4
…	46·943	−51·920	− 3	…	…
…	46·922	+ 0·964	− 4	E	…
*	46·917	+47·872	1·25	45.2365	9·6
…	−46·818	+48·302	0·95	45.2366	10·0
…	46·730	+ 9·533	0·65	…	…
…	46·716	−26·618	− 5	M	…
…	46·637	−48·901	0·65	…	…
*	46·626	−59·197	1·30	46.2394	9·7
211–270					
211	′	′		°	
…	−46·616	+52·685	0·95	…	…
…	46·546	+18·917	− 4	E	…
…	46·541	+10·842	− 3	E	…
…	46·518	−32·359	− 5	…	…
…	46·428	+21·454	− 5	M	…
…	−46·402	+44·163	− 4	E	…
‡	46·387	+14·907	2·00	45.2367	8·8
…	46·383	+49·916	0·95	45.2368	10·0
…	46·367	− 8·410	− 5	E	…
…	46·314	+49·793	− 5	M	…
221					
…	−46·166	+ 1·061	− 4	E	…
…	46·143	−25·497	− 1	…	…
*	45·964	+24·451	2·00	45.2369	8·8
†	45·821	+29·745	− 2	…	…
…	45·624	+44·090	− 3	…	…
…	−45·529	+11·199	− 2	…	…
…	45·434	+19·444	− 4	E	…
…	45·353	−10·069	− 2	…	…
…	45·324	−21·598	− 4	…	…
…	45·319	+39·297	− 3	…	…
231					
‡	−45·155	−53·929	1·00	46.2395	9·8
…	45·063	−47·507	− 2	…	…
…	45·051	−49·496	0·65	…	…
*	45·021	−38·132	1·70	46.2396	9·6
…	45·014	+35·209	− 5	M	…
…	−44·998	− 0·369	− 5	M	…
…	44·928	+10·431	0·65	B	…
…	44·803	+40·550	− 5	M	…
…	44·695	+45·076	− 5	M	…
…	44·656	− 1·598	0·85	…	…
241					
…	−44·633	+32·848	− 4	M	…
…	44·573	−43·219	− 5	…	…
*	44·479	+ 3·549	1·00	45.2370	9·8
*	44·462	+30·099	0·90	45.2371	10·2
…	44·442	−20·329	− 4	…	…
*	−44·409	+33·048	0·90	45.2372	10·2
…	44·398	+44·863	− 5	M	…
…	44·360	−51·171	0·70	…	…
…	44·357	+30·297	− 4	M	…
…	44·349	+ 0·680	0·75	…	…
251					
*	−44·184	+47·968	0·90	45.2373	10·2
…	43·785	+49·474	0·70	…	…
…	43·604	−13·776	− 5	M	…
…	43·516	+38·498	0·65	…	…
…	43·249	− 8·330	− 4	…	…
…	−43·243	−13·411	− 4	M	…
…	43·219	+48·794	− 5	M	…
*	43·082	−59·544	1·20	46.2397	9·6
…	43·026	−19·038	− 5	M	…
…	42·971	−24·311	− 5	…	…
261					
…	−42·962	+59·011	− 1	…	…
*	42·948	−50·431	0·90	46.2398	10·2
…	42·919	+43·271	0·80	…	…
*	42·870	−48·882	1·15	46.2400	9·8
…	42·862	−24·578	−5	…	…
*	−42·791	−54·076	3·60	46.2399	7·8
…	42·634	+21·389	− 4	M	…
…	42·614	−23·714	− 4	…	…
…	42·570	+21·618	0·90	45.2375	10·0
…	42·549	−31·197	− 4	…	…

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−1.	No.	Mag.
271-330					
271	′	′		°	
...	−42·452	−13·970	− 3	...	...
S*	42·428	+ 6·291	3·20	45.2374	8·4
...	42·410	−10·916	0·65	...	...
...	42·367	+46·912	− 1	...	...
...	42·313	+12·598	− 5	M	...
...	−42·288	− 6·104	− 5	M	...
...	42·206	+29·634	− 3	M	...
*	42·111	+49·797	0·85	...	...
*	42·074	+39·940	0·85	45.2376	10·2
...	42·034	−37·235	− 5	M	...
281					
...	−42·004	− 1·576	0·70	...	...
...	41·874	+35·720	− 5	M	...
...	41·846	+29·592	0·70	...	...
...	41·815	−21·399	− 5	M	...
...	41·773	−50·653	− 5	...	...
...	−41·733	+30·411	− 5	M	...
...	41·732	−48·713	− 5	...	...
...	41·679	+30·497	− 5	M	...
...	41·602	+14·528	− 5	M	...
*	41·559	−16·481	1·30	46.2401	9·6
291					
...	−41·538	− 6·501	− 2	...	...
...	41·492	+46·826	0·80	...	...
...	41·457	−17·735	− 5	...	...
...	41·448	+42·942	0·70	...	...
...	41·439	+25·222	0·75	...	...
...	−41·382	−33·241	0·70	...	...
...	41·369	−10·454	− 1	...	...
...	41·365	−52·245	− 4	...	...
...	41·362	−32·311	− 4	...	...
...	41·353	−29·622	− 4	...	...
301					
...	−41·199	+ 9·302	− 5	M	...
...	41·189	+58·307	− 5	M	...
...	41·069	+16·049	0·80	...	...
...	41·021	+12·089	− 5	M	...
...	40·910	+ 7·202	0·85	...	...
*	−40·769	+36·012	1·05	45.2377	10·0
...	40·752	− 7·784	− 4	M	...
...	40·614	+55·298	− 3	...	...
...	40·516	+ 3·329	− 4	M	...
...	40·443	− 7·524	− 1	...	...
311					
*	−40·399	+47·474	1·15	45.2378	9·4
...	40·392	+26·329	0·70	...	...
...	40·383	+34·630	0·70	...	...
...	40·363	−12·588	0·75	...	...
...	40·320	+11·746	− 3	M	...
†	−40·270	+59·639	− 3	...	...
‡	40·257	−16·070	0·75	...	...
*	40·104	+33·367	1·70	45.2379	9·3
...	39·988	+ 1·649	− 5	M	...
*	39·931	−18·374	0·95	46.2402	10·0
321					
...	−39·793	+ 0·787	− 5	M	...
...	39·650	+25·787	− 5	M	...
...	39·640	+28·867	− 4	...	...
...	39·637	−40·119	− 4	...	...
...	39·631	− 7·190	− 2	...	...
†	−39·546	+19·735	− 3	...	...
...	39·529	+56·974	− 1	...	...
...	39·516	+54·358	0·85	...	...
...	39·491	+57·690	− 1	...	...
...	39·479	+48·068	0·85	45.2380	10·2

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−1.	No.	Mag.
331-390					
331	′	′		°	
...	−39·420	− 4·903	− 5	M	...
...	39·226	+34·324	− 1	...	...
...	39·149	+41·221	− 3	...	...
...	39·070	+23·962	− 2	...	...
...	39·062	+27·433	− 3	...	...
...	−39·052	+51·863	0·90	45.2382	10·2
*	39·017	+27·631	1·00	45.2381	9·8
...	39·007	− 1·455	− 3	M	...
*	39·004	−49·328	1·60	46.2403	9·3
...	38·936	−19·784	− 3	...	...
341					
...	−38·593	−12·770	− 5	...	...
...	38·307	+48·550	− 4	...	...
...	38·132	+22·706	− 5	M	...
...	38·094	− 5·707	− 4	...	...
...	38·037	−32·736	0·65	...	...
...	−37·916	+59·038	− 5	M	...
...	37·796	−49·433	− 5	...	...
...	37·702	+24·520	− 5	M	...
...	37·378	−57·892	− 3	...	...
S*	37·322	− 7·625	2·55	46.2405	8·5
351					
*	−37·308	−57·799	1·90	46.2404	8·9
...	37·250	−53·571	0·95	45.2383	10·0
...	37·145	+17·400	0·70	...	...
*	37·111	+52·514	1·00	45.2385	9·9
...	37·005	−21·977	− 5	M	...
...	−36·738	+49·249	− 4	...	...
...	36·736	− 1·046	− 3	...	...
...	36·631	− 1·166	− 1	45.2384	10·2
*	36·497	+ 6·971	0·95	45.2386	9·8
...	36·334	+ 7·204	− 5	M	...
361					
...	−36·286	−29·777	− 2	...	...
N	36·191	− 3·705	0·80	45.2387	9·8
N	36·165	− 3·652	0·65		
...	36·165	−41·077	− 1	...	...
...	36·022	+29·660	− 3	...	...
...	−36·005	−34·337	− 2	...	...
...	35·963	−14·081	− 3	...	...
...	35·844	− 6·962	− 3	...	...
...	35·781	−10·027	− 4	...	...
*	35·586	−43·318	1·15	46.2407	9·6
371					
...	−35·561	+ 8·819	− 4	M	...
...	35·551	−42·246	− 4	...	...
...	35·549	+56·650	− 5	M	...
...	35·539	+ 3·539	0·90	45.2388	10·0
...	35·531	+32·892	− 2	...	...
...	−35·521	+57·292	0·70	...	...
...	35·422	−57·061	0·80	46.2406	10·2
†	35·279	+42·237	− 3	...	...
‡	35·201	− 1·415	1·80	45.2389	9·1
*	35·072	−33·705	1·05	46.2408	9·8
381					
...	−34·960	−17·404	− 1	...	...
*	34·857	−51·752	1·00	46.2409	10·2
*	34·771	+ 9·472	1·00	45.2390	9·7
*	34·767	−12·898	1·60	46.2410	9·4
...	34·741	+51·100	0·85	...	...
...	−34·740	+35·120	0·70	...	...
*	34·716	+37·983	1·00	45.2391	10·0
...	34·705	+50·342	0·70	...	...
...	34·571	+ 2·106	− 3	M	...
...	34·451	−43·844	− 5	M	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−1.	No.	Mag.
391-450					
391	′	′		°	
...	−34·332	+29·373	0·65	...	...
...	34·119	+24·679	− 4	M	...
...	34·067	+31·921	− 1	B	...
...	34·016	−35·986	0·65	...	...
...	34·001	−44·932	0·65	...	...
...	−33·917	−48·163	0·80	...	...
...	33·904	− 7·078	0·75	...	...
...	33·869	− 2·188	− 5	M	...
...	33·834	− 7·398	0·65	...	...
...	33·817	−38·088	0·70	...	...
401					
...	−33·813	+31·569	0·70	...	...
...	33·750	− 3·209	− 5	M	...
*	33·660	−14·177	2·10	46.2412	9·2
...	33·588	−21·149	− 5	M	...
...	33·496	+11·584	− 2	M	...
*	−33·436	+58·323	0·95	...	...
...	33·428	+13·640	− 5	M	...
...	33·425	+24·014	− 5	M	...
...	33·409	+22·134	0·80	...	...
...	33·237	− 3·787	0·80	...	...
411					
...	−33·149	+ 3·028	− 2	B	...
...	33·049	−29·235	0·70	...	...
†	32·857	+ 4·845	− 4	M	...
*	32·725	−48·462	0·95	...	...
...	32·426	+46·646	0·70	...	...
...	−32·402	−16·590	0·70	...	...
*	32·289	−45·817	0·90	...	...
...	32·284	− 1·038	− 2	...	...
...	32·259	+ 7·101	− 5	M	...
...	32·249	+34·323	0·65	...	...
421					
*	−32·238	+54·917	1·05	45.2393	9·8
...	32·190	+50·431	− 5	M	...
...	32·175	−50·106	0·80	...	...
...	32·159	+10·616	− 4	M	...
*	32·136	+ 2·473	2·60	45.2392	8·8
...	−32·115	+18·618	− 3	M	...
...	32·071	−46·529	− 5	M	...
...	32·056	−30·514	− 5	M	...
...	32·032	+55·180	− 5	M	...
*	31·971	−34·742	0·90	...	...
431					
...	−31·941	−25·842	− 3	...	...
*	31·910	−51·178	1·50	46.2413	9·6
...	31·800	−26·373	− 5	M	...
...	31·731	+58·889	0·70	...	...
...	31·710	+18·013	0·65	...	...
*	−31·599	− 4·375	0·95	45.2394	10·2
...	31·473	− 5·541	− 3	...	...
*	31·465	−30·389	2·00	46.2414	9·4
...	31·454	+48·750	− 5	M	...
...	31·422	−56·497	− 5	...	...
441					
N*	−31·413	− 5·998	1·80	46.2416	9·2
...	31·400	+39·587	− 5	M	...
...	31·383	−40·278	0·80	...	...
...	31·353	−37·296	− 4	...	...
...	31·324	+18·418	0·85	...	...
...	−31·316	+13·874	− 4	M	...
...	31·306	−44·606	0·95	46.2415	9·9
...	31·300	−59·334	0·70	...	...
...	31·233	+22·017	− 4	M	...
...	31·169	+ 7·359	0·75	...	...

362, 363. 47° 50, mass.
441. Obscures 2nd image of 437.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
451-510					
451					
...	−31·135	+17·859	− 5	M	...
...	31·044	− 3·076	− 4	...	...
...	31·010	+22·390	0·65	...	...
...	31·000	−33·701	0·80	...	...
...	30·942	−55·651	− 4	...	...
*	−30·615	+ 5·799	1·00	45.2395	10·2
...	30·587	− 0·998	0·70	...	...
...	30·569	−21·042	− 5	M	...
...	30·499	+ 7·615	− 5	M	...
...	30·491	− 4·567	− 3	...	...
461					
...	−30·478	+31·697	0·80	...	...
...	30·477	+ 6·554	− 5	M	...
...	30·451	−38·574	0·70	...	...
...	30·433	+40·366	− 5	M	...
...	30·355	+39·389	− 5	M	...
†	−30·287	+45·676	− 3	...	...
...	30·172	+45·891	− 5	M	...
...	30·040	+ 5·321	− 5	M	...
...	29·995	−26·461	0·70	...	...
...	29·834	−57·862	− 3	...	...
471	−29·821	+39·296	− 3	...	...
...	29·678	+18·126	− 2	...	...
...	29·641	−39·587	− 3	...	...
*	29·585	− 9·752	1·30	46.2418	9·6
...	29·528	−41·805	− 5	...	...
...	−29·409	− 7·498	− 2	...	...
...	29·259	+26·810	0·75	...	...
...	29·121	+12·978	− 5	M	...
...	29·072	+45·188	− 3	...	...
...	28·995	+49·444	0·85	45.2396	10·2
481					
...	−28·982	+23·955	− 5	M	...
...	28·979	−48·207	− 5	...	...
...	28·966	+53·291	0·65	...	...
...	28·916	+47·575	− 3	...	...
...	28·853	− 6·676	− 2	...	...
...	−28·773	+ 0·025	− 3	M	...
...	28·598	−58·114	0·75	...	...
S*	28·593	−40·659	3·00	46.2419	8·1
...	28·393	− 2·317	− 3	...	...
...	28·355	−19·453	− 2	...	...
491					
...	−28·318	+ 6·267	− 2	...	...
*	28·299	+40·562	1·15	45.2397	9·6
*	28·220	+41·798	1·45	45.2398	9·2
*	28·198	−47·642	1·10	46.2421	9·8
...	28·022	+45·106	0·80	...	...
...	−28·001	+ 7·573	− 2	...	...
...	27·901	+34·413	− 5	M	...
...	27·797	+25·365	0·75	45.2399	10·2
...	27·718	−37·331	− 4	...	...
...	27·596	−27·309	− 5	...	...
501					
...	−27·434	−54·802	− 5	...	...
*	27·365	+ 7·168	1·20	45.2400	9·6
...	27·339	+34·213	− 3	...	...
*	27·332	+26·349	1·05	45.2401	9·8
*	27·101	+32·054	1·60	45.2403	9·3
...	−27·101	+ 2·826	− 2	...	...
*	27·018	+18·266	1·05	45.2402	9·8
...	26·993	−35·874	− 2	...	...
...	26·948	+51·536	− 3	...	...
...	26·936	+35·847	− 4	M	...
511-570					
511					
...	−26·872	+ 5·751	− 4	M	...
...	26·812	+33·265	− 3	...	...
...	26·797	+ 5·128	− 5	M	...
...	26·709	+38·119	− 3	...	...
*	26·684	−20·570	1·00	46.2423	9·8
...	−26·645	− 6·400	0·90	46.2424	9·8
*	26·615	−52·805	1·15	46.2422	9·8
...	26·517	+43·275	− 3	...	...
...	26·414	+24·898	− 3	...	...
...	26·333	+ 2·247	− 5	M	...
521					
...	−26·295	+46·697	− 2	...	...
...	26·221	−31·347	− 5	...	...
...	26·155	−26·651	− 2	...	...
...	25·759	+18·432	− 5	M	...
...	25·635	+38·683	− 3	...	...
...	−25·592	+41·332	− 3	...	...
...	25·550	−23·161	− 4	...	...
...	25·390	+25·814	− 1	...	...
†	25·270	−37·450	− 3	...	...
...	25·090	− 6·775	0·65	...	...
531					
...	−25·082	+ 8·141	− 5	M	...
...	25·057	+34·049	− 5	M	...
...	25·025	+48·977	0·80	...	...
...	24·943	−24·546	0·70	...	...
...	24·854	−39·555	0·80	...	...
...	−24·848	− 6·021	− 4	...	...
...	24·816	+31·611	− 4	M	...
...	24·814	+45·459	0·65	...	...
...	24·748	+11·077	0·90	...	...
...	24·720	−50·899	0·75	...	...
541					
...	−24·717	−46·608	− 4	...	...
...	24·611	−53·300	− 4	...	...
...	24·566	−15·820	− 3	...	...
...	24·407	+32·494	0·75	...	...
...	24·401	−39·052	0·85	...	...
...	−24·186	−46·474	0·65	...	...
...	24·185	−25·031	− 5	...	...
...	24·145	+49·871	− 5	M	...
*	24·138	−50·551	2·40	46.2425	9·2
...	24·100	+17·214	0·65	...	...
551					
...	−24·079	−46·930	0·70	...	...
...	24·070	+38·220	0·80	...	...
...	24·070	−48·476	− 5	M	...
...	24·039	−43·269	− 1	...	...
...	23·987	+58·140	0·75	...	...
*	−23·900	+30·482	1·00	45.2404	9·8
*	23·874	+28·537	0·90	...	...
*	23·845	−47·452	1·00	46.2426	10·2
...	23·800	+10·541	− 5	M	...
*	23·754	+15·866	1·05	45.2405	9·8
561					...
...	−23·753	+51·633	− 3	M	...
...	23·696	+21·044	− 3	M	...
...	23·695	−19·708	− 5	M	...
*	23·686	−45·333	0·95	46.2427	10·2
*	23·633	−38·214	1·00	46.2428	9·8
...	−23·611	−33·469	0·75	...	...
...	23·601	−24·652	0·65	...	...
...	23·571	+53·894	− 5	M	...
...	23·432	−31·415	0·70	...	...
...	23·382	−57·403	− 5	...	...
571-630					
571					
*	−23·359	+31·949	1·00	45.2409	9·9
...	23·359	−42·559	0·70	...	...
...	23·329	+51·294	− 4	M	...
...	23·306	− 2·566	− 2	...	...
*	23·294	−39·776	1·10	46.2429	9·8
...	−23·248	−23·124	− 5	...	...
...	23·225	+54·229	− 1	...	...
...	23·136	−36·385	− 4	...	...
...	23·128	+11·157	0·90	45.2406	10·0
...	23·099	−37·239	− 5	...	...
581					
*	−23·077	− 3·286	0·95	45.2407	10·0
...	23·076	−26·193	0·65	...	...
*	23·047	− 0·513	1·25	45.2408	9·4
...	22·917	+37·834	− 5	M	...
...	22·916	−13·238	− 4	...	...
...	−22·900	− 0·355	0·65	...	...
*	22·837	+17·120	2·50	45.2410	8·8
...	22·835	+25·678	0·80	...	...
...	22·835	−13·161	0·80	...	...
...	22·735	+35·447	− 2	B	...
591					
...	−22·613	−28·729	− 1	...	...
*	22·546	+13·489	1·00	45.2411	9·8
...	22·495	−32·276	− 5	M	...
...	22·430	−50·699	− 3	...	...
*	22·422	−56·380	1·00	46.2430	10·2
...	−22·415	−52·648	− 5	...	...
...	22·396	+17·679	0·75	...	...
...	22·266	−52·180	− 3	...	...
...	22·229	−15·565	0·65	...	...
...	22·100	+ 6·974	− 4	M	...
601					
...	−22·004	−33·065	− 5	M	...
α*	21·892	− 0·213	1·60	45.2412	9·2
...	21·777	−49·498	− 5	...	...
*	21·736	−11·778	1·10	46.2431	9·8
...	21·570	+17·938	− 5	M	...
...	−21·532	+ 3·475	− 3	M	...
*	21·506	−43·532	0·95	...	...
*	21·431	−40·935	2·90	46.2432	8·4
...	21·323	+ 0·766	− 5	M	...
*	21·316	+35·566	1·00	45.2413	9·9
611	−21·252	−39·436	− 5	...	...
...	21·172	−47·148	0·65	...	...
...	21·146	−23·823	− 3	...	...
...	21·105	− 9·813	0·85	...	...
...	21·051	−53·554	0·70	...	...
...	−21·034	+ 7·062	0·85	...	...
...	21·012	+16·250	0·85	...	...
...	20·957	−15·430	0·75	...	...
...	20·833	+24·948	− 4	M	...
...	20·765	−39·522	0·70	A	...
621					
*	−20·746	+23·013	1·50	45.2414	9·4
...	20·745	+45·555	0·75	...	...
*	20·662	− 9·960	2·30	46.2435	8·8
...	20·635	+27·020	0·65	...	...
...	20·556	−12·187	0·90	46.2436	10·2
*	−20·522	−46·522	1·05	46.2437	10·0
...	20·500	+33·716	0·90	45.2415	10·2
...	20·398	−17·787	− 5	M	...
*	20·353	−34·813	1·05	46.2438	9·8
†	20·277	−14·954	−3	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
631-690					
631	′	′		°	
...	−20·192	−16·705	− 5	...	...
...	19·990	−47·935	− 5	...	...
...	19·963	−36·229	0·80	46.2439	10·2
*	19·873	+12·544	1·05	45.2416	9·8
...	19·819	−44·509	− 2	...	...
...	−19·696	+52·573	− 3	...	...
...	19·649	+42·224	− 3	...	...
*	19·605	−47·922	0·95	46.2440	10·0
*	19·599	−18·462	1·30	46.2441	9·6
...	19·577	−17·279	− 4	...	...
641					
*	−19·519	−41·157	1·30	46.2442	9·6
...	19·410	+16·919	− 4	M	...
...	19·352	+ 9·176	− 5	M	...
...	19·208	−53·396	− 5	...	...
...	19·202	−41·863	− 5	...	...
...	−19·163	−53·784	− 3	...	...
...	19·103	+52·108	− 3	...	...
...	19·070	+38·728	− 5	M	...
...	18·829	−39·001	− 2	...	...
...	18·592	−43·363	− 1	...	...
651					
...	−18·574	+10·143	− 1	...	...
...	18·531	+27·862	0·75	45.2417	10·2
...	18·473	+47·634	− 5	M	...
...	18·472	−44·392	− 1	...	...
...	18·401	−54·751	0·65	...	...
*	−18·202	+28·162	1·00	45.2418	9·9
...	18·159	−47·563	− 2	...	...
...	18·084	−25·577	− 5	...	...
*	18·074	−16·884	1·25	46.2443	9·5
...	18·042	−52·019	− 3	...	...
661					
*	−17·987	+22·023	1·15	45.2419	9·6
...	17·897	−26·206	− 4	...	...
...	17·880	+ 7·040	− 3	M	...
...	17·880	−35·481	− 5	...	...
*	17·834	+20·736	1·60	45.2420	9·2
...	−17·825	−15·264	0·70	46.2444	10·2
...	17·677	−32·782	− 5	...	...
*	17·657	+12·770	1·00	45.2421	9·9
*	17·655	+22·506	0·90	45.2423	9·9
*	17·578	+25·519	1·80	45.2422	9·0
671					
...	−17·552	− 1·673	0·70	45.2424	10·2
...	17·443	−50·764	0·85	...	...
...	17·232	−33·270	− 5	...	...
...	17·086	− 7·789	0·65	...	...
...	16·980	−45·115	0·80	46.2445	10·2
...	−16·974	+ 0·566	0·75	45.2426	10·2
*	16·972	− 1·038	2·10	45.2425	8·8
...	16·882	−34·567	− 4	M	...
...	16·721	+23·551	− 1	...	...
...	16·601	+15·489	− 5	M	...
681					
*	−16·574	−34·617	0·95	46.2446	9·8
...	16·556	−48·315	− 5	M	...
...	16·535	−50·855	− 5	...	...
...	16·454	+ 3·556	0·85	45.2427	10·0
*	16·435	−58·314	1·00	46.2447	10·0
...	−16·380	−25·743	− 1	...	...
...	16·349	+38·148	− 2	...	...
...	16·312	−52·487	− 5	...	...
*	16·268	−47·458	1·05	46.2448	9·9
...	16·221	+20·219	0·75	45.2428	10·2

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
691-750					
691	′	′		°	
...	−16·215	−26·028	− 3	...	...
*	16·186	+57·251	1·15	44.2532	9·7
†	16·157	+ 9·836	− 2	...	...
...	16·084	−31·721	− 5	...	...
...	16·012	+ 8·446	− 4	M	...
...	−15·868	+15·919	− 5	M	...
*	15·854	−13·271	1·80	46.2450	9·2
...	15·850	+37·728	− 2	....	...
...	15·832	+ 7·440	− 3	...	...
...	15·587	−26·774	− 5	M	...
701					
...	−15·584	+23·210	− 3	...	...
...	15·578	−26·196	− 5	...	...
...	15·516	+56·619	− 5	M	...
...	15·513	−43·077	− 3	...	...
†	15·209	−52·894	0·85	...	...
...	−15·201	+25·049	− 3	M	...
...	15·134	+ 5·165	− 3	M	...
...	15·090	−19·166	− 4	...	...
...	15·063	+39·964	− 4	M	...
...	15·018	+59·312	− 5	M	...
711					
...	−15·014	+33·654	− 1	...	...
...	14·789	+19·375	0·65	...	...
...	14·735	−21·757	0·75	...	...
...	14·607	+56·521	− 4	M	...
†	14·508	+49·679	0·75	...	...
*	−14·362	−29·493	1·05	46.2451	10·0
...	14·289	+10·662	− 5	M	...
...	14·249	+48·417	− 5	M	...
...	14·235	−21·518	− 5	M	...
†	14·211	+14·849	− 4	M	...
721					
...	−14·167	+14·698	− 5	M	...
*	14·063	+47·526	1·30	45.2429	9·4
...	14·027	+12·626	− 4	M	...
*	13·998	+33·886	0·95	45.2430	10·2
...	13·996	+17·094	− 3	M	...
...	−13·914	+ 9·218	− 5	M	...
...	13·849	+16·879	− 3	...	...
...	13·847	+46·714	− 5	M	...
...	13·833	−19·232	− 5	M	...
...	13·763	− 6·241	− 5	M	...
731					
...	−13·741	−52·071	0·70	...	...
...	13·671	+42·401	− 5	M	...
...	13·616	− 0·168	− 5	M	...
...	13·532	+59·378	0·65	...	...
...	13·198	+36·132	− 3	M	...
...	−13·151	−48·613	− 5	M	...
...	13·125	+49·424	− 5	M	...
...	13·101	+57·628	− 4	M	...
...	13·044	−37·019	0·65	...	...
*	12·940	−49·870	1·40	46.2452	9·4
741					
...	−12·909	−33·626	− 1	...	...
...	12·904	+57·055	− 5	M	...
...	12·899	+31·168	− 3	M	...
...	12·836	−16·353	− 5	M	...
...	12·826	+16·555	− 4	M	...
...	−12·788	+16·924	− 5	M	...
...	12·668	+48·113	− 5	M	...
*	12·643	−40·899	1·70	46.2453	9·3
...	12·339	−34·458	− 4	M	...
...	12·277	−57·883	− 5	M	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
751-810					
751	′	′		°	
...	−12·035	+49·170	− 3	B	...
*	12·016	+47·093	1·00	45.2431	9·8
...	12·007	+26·505	− 4	M	...
*	11·949	−15·621	1·00	46.2454	10·0
...	11·899	+19·222	− 4	M	...
...	−11·813	−37·641	− 5	M	...
...	11·728	+29·109	0·85	...	...
...	11·727	+32·330	0·70	...	...
*	11·709	− 1·472	1·05	45.2432	9·9
...	11·673	−51·418	− 5	M	...
761					
...	−11·566	+48·592	− 4	M	...
...	11·533	+30·816	− 5	M	...
...	11·486	−35·270	− 4	...	...
...	11·375	− 5·253	− 1	...	...
...	11·323	+13·203	0·90	...	...
...	−11·266	+15·789	− 5	M	...
...	11·200	+53·971	0·90	...	...
...	11·075	− 3·312	− 5	M	...
...	11·064	+24·904	− 4	M	...
*	11·018	+ 5·965	0·95	...	...
771					
...	−11·013	+58·039	0·80	...	...
...	10·998	+43·994	0·80	...	...
...	10·903	+23·936	− 5	M	...
...	10·901	+51·981	− 5	M	...
...	10·856	−48·121	− 5	...	...
...	−10·748	+56·932	0·65	...	...
*	10·725	+27·173	1·00	45.2433	9·9
...	10·652	+55·163	− 5	M	...
...	10·616	+51·083	− 4	M	...
...	10·551	−57·759	− 2	...	...
781					
...	−10·521	−59·427	− 1	...	...
...	10·476	− 4·038	− 4	...	...
...	10·397	−46·359	− 4	...	...
†	10·288	+ 7·307	0·85	45.2434	9·8
...	10·214	+12·741	− 3	...	...
...	−10·189	+25·161	− 4	M	...
...	10·127	+53·916	− 5	M	...
...	9·762	−34·036	0·65	46.2455	10·2
†	9·735	−50·009	− 4	...	...
...	9·615	−44·254	− 4	...	...
791					
...	− 9·457	+ 2·284	− 3	M	...
...	9·451	+57·972	− 3	M	...
S *	9·450	+31·305	2·55	45.2435	8·4
...	9·105	−21·445	− 5	...	...
...	9·072	+42·227	− 5	M	...
...	− 9·052	−47·606	− 5	...	...
...	9·050	+36·840	− 5	M	...
...	9·006	+ 7·246	0·80	45.2438	10·0
...	8·959	+ 7·510	− 1	45.2437	10·2
...	8·956	+32·381	0·65	45.2436	10·0
801					
...	− 8·792	+ 0·626	0·75	45.2439	10·2
†	8·438	+ 9·873	0·65	45.2440	10·2
...	8·299	−11·263	− 5	...	...
*	8·248	−44·079	1·25	46.2456	9·6
*	8·224	+58·184	0·95	44.2546	10·0
...	− 8·192	+24·151	− 4	M	...
*	8·119	− 4·013	1·30	45.2441	9·6
...	8·110	+15·107	− 4	M	...
...	8·063	−51·375	− 4	...	...
...	7·621	+15·023	− 5	M *m*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
811-870					
811					
...	− 7′526	+ 1′297	0·80	45.2442	10·2
*	7·479	−31·821	1·60	46.2457	9·3
...	7·374	+12·624	− 5	M m	...
...	7·304	+39·508	− 2	...	...
...	7·234	−39·735	− 1	...	...
...	− 7·210	−38·417	− 4	m	...
...	7·022	+42·838	− 5	M m	...
...	7·022	+19·072	− 4	m	...
†	6·992	−25·114	0·80	46.2458	10·0
*	6·910	−12·578	1·05	46.2459	10·0
821					
...	− 6·749	−28·422	− 5	m	...
...	6·610	−32·919	− 3	...	...
*	6·587	−30·353	1·10	46.2460	9·8
...	6·509	−23·883	0·90	46.2461	10·0
...	6·421	−43·164	− 4	...	...
*	− 6·367	−40·378	1·05	46.2462	9·9
...	6·366	+23·363	− 4	M m	...
...	6·338	+30·679	− 5	M m	...
...	6·299	−57·677	− 3	...	...
...	6·270	− 2·891	− 4	m	...
831					
...	− 5·969	+53·958	0·70	...	...
...	5·745	+57·184	0·70	...	...
...	5·696	+49·411	− 4	M m	...
...	5·455	−24·823	0·80	46.2463	10·2
...	5·454	+ 4·743	0·65	45.2443	10·2
...	− 5·369	−34·413	− 5	m	...
†	5·307	−56·824	− 1	...	...
...	5·126	+52·599	0·95	...	...
...	5·092	+11·898	− 3	B m	...
...	5·062	+55·411	− 5	M m	...
841					
...	− 4·970	− 1·040	0·70	m	...
...	4·739	−50·256	0·65	...	...
N *	4·725	+11·738	0·95	45.2444	9·9
...	4·674	−40·300	0·75	...	...
...	4·666	+39·914	− 4	M m	...
*	− 4·666	+12·243	1·30	45.2445	9·7
...	4·607	+45·499	− 5	M m	...
...	4·603	−16·647	− 5	M m	...
*	4·520	+27·674	2·00	45.2446	8·8
*	4·390	−25·834	1·00	46.2464	10·2
851					
...	− 4·218	−50·434	− 5	m	...
...	4·148	−16·714	− 2	...	...
*	4·067	+57·445	1·00	44.2557	10·0
...	4·052	+36·051	0·70	...	...
...	4·039	+39·680	0·70	...	...
...	− 3·972	−33·490	− 5	m	...
...	3·945	−53·822	0·85	...	...
*	3·937	+43·691	1·15	45.2447	9·4
...	3·883	−19·222	− 4	...	...
...	3·838	−44·440	− 4	M m	...
861					
...	− 3·798	−14·692	0·80	...	...
...	3·738	− 7·311	0·65	m	...
...	3·685	−30·667	− 5	m	...
*	3·663	+53·625	1·50	45.2448	9·2
...	3·653	−44·311	0·70	...	...
S *	− 3·626	−46·386	2·20	46.2465	8·9
*	3·546	+ 2·502	1·00	45.2449	10·0
...	3·480	−32·844	− 4	m	...
...	3·326	+40·920	0·75	...	...
...	3·266	+15·779	− 5	M m	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
871-930					
871					
*	− 3′238	−27′561	0·90	...	...
...	3·232	−47·200	0·65	...	...
...	3·213	+19·149	− 4	M m	...
*	3·182	+30·191	1·20	45.2450	9·6
...	3·181	+35·595	− 3	M m	...
...	− 3·128	−50·511	− 4	m	...
*	3·065	+13·299	2·00	45.2451	9·2
...	3·044	+42·946	0·90	...	...
...	2·978	+35·499	− 5	M m	...
...	2·951	−45·950	0·75	46.2466	10·2
881					
*	− 2·798	+16·559	1·00	45.2452	9·9
...	2·776	−58·175	0·85	...	...
...	2·649	+22·036	0·90	45.2453	10·0
...	2·643	+13·712	− 5	M m	...
...	2·594	−23·878	− 5	M m	...
...	− 2·343	+ 3·963	0·85	M	...
...	2·324	−58·342	− 5	M m	...
*	2·247	− 1·579	1·00	45.2454	10·2
...	2·074	−16·969	0·90	46.2467	10·2
...	1·994	+ 8·741	0·75	45.2455	10·2
891					
...	− 1·892	+25·935	− 5	M m	...
...	1·811	+53·214	0·75	m	...
...	1·803	+29·160	0·75	M	...
...	1·627	−32·875	− 2	m	...
...	1·553	+10·803	0·90	45.2456	10·2
...	− 1·384	+ 4·546	0·65	M	...
...	1·358	−48·557	− 5	M m	...
*	1·337	+10·041	1·20	45.2457	9·6
...	1·333	−50·593	0·70	...	...
...	1·043	+42·640	− 5	M m	...
901					
*	− 1·022	+44·357	1·90	45.2458	9·0
...	0·945	−33·828	0·65	...	...
*	0·790	−32·028	1·00	46.2469	10·2
...	0·759	−13·394	− 5	M m	...
*	0·717	−45·920	0·95	46.2470	10·2
...	− 0·595	+30·089	− 5	M m	...
...	0·549	+21·771	− 4	M m	...
...	0·449	+14·205	0·90	...	...
...	0·412	+31·760	− 4	M m	...
...	0·410	−47·421	− 5	M m	...
911					
...	− 0·385	−50·371	− 5	M m	...
...	0·365	−43·236	− 5	M m	...
‡	0·245	− 7·804	1·40	46.2471	9·2
...	0·153	−52·980	0·65	...	...
...	0·129	−39·689	− 3	...	...
...	− 0·059	−50·810	− 4	m	...
...	0·010	+45·330	− 5	M m	...
...	− 0·004	+52·239	0·80	...	...
*	+ 0·193	+44·937	1·15	45.2459	9·6
...	0·227	−19·861	− 3	...	...
921					
...	+ 0·257	−39·313	− 4	m	...
...	0·296	−57·766	− 3	...	...
...	0·308	+29·740	− 3	...	...
...	0·364	+53·388	− 3	M m	...
...	0·473	+48·562	− 5	M m	...
...	+ 0·627	+52·399	− 5	M m	...
...	0·642	−59·259	− 5	M m	...
...	0·923	−58·475	− 5	M m	...
...	1·129	−13·355	− 5	M m	...
...	1·164	+24·726	− 3	M m	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
931-990					
931					
*	+ 1′184	+34′179	2·00	45.2460	8·8
...	1·289	−35·873	− 5	m	...
...	1·623	−30·992	− 4	m	...
...	1·629	+31·344	− 3	M m	...
...	1·820	−10·254	− 3	...	...
...	+ 1·976	−32·255	− 5	M m	...
S *	2·005	+42·624	3·10	45.2461	8·0
...	2·009	+ 9·635	− 4	M m	...
...	2·036	−10·649	− 1	46.2472	10·2
*	2·246	− 7·858	1·25	46.2473	9·6
941					
*	+ 2·318	+22·697	1·10	45.2462	9·8
...	2·367	−22·955	− 5	M m	...
...	2·420	+ 7·555	− 4	M m	...
...	2·457	−52·449	− 5	M m	...
...	2·628	+49·191	− 4	M m	...
*	+ 2·808	+25·880	1·05	45.2463	9·7
...	2·865	− 8·665	− 5	M m	...
...	3·039	−40·147	− 2	...	...
...	3·135	+40·643	− 5	M m	...
...	3·194	− 5·568	0·70	46.2474	10·2
951					
*	+ 3·215	+30·461	1·20	45.2464	9·7
...	3·268	−30·580	− 5	M m	...
...	3·474	− 6·389	− 4	M m	...
...	3·609	+18·658	0·85	45.2466	10·2
...	3·646	+17·095	− 4	M	...
*	+ 3·695	+42·141	1·00	45.2465	9·8
...	3·701	+ 1·221	− 4	M m	...
...	3·706	−43·339	− 3	...	...
...	3·710	− 8·204	− 5	M	...
...	3·938	−40·331	− 4	...	...
961					
...	+ 3·963	+19·196	− 5	M m	...
...	3·974	+27·969	− 5	M m	...
...	4·019	−15·578	− 3	...	...
...	4·342	−17·544	− 3	...	...
...	4·405	+33·410	− 5	M m	...
...	+ 4·411	−33·331	0·90	46.2477	10·0
...	4·527	−47·121	0·90	46.2478	10·0
...	4·555	−52·019	− 3	...	...
†	4·715	−44·770	− 4	m	...
...	4·757	−21·040	− 3	M m	...
971					
...	+ 4·775	+31·255	0·85	...	...
...	4·875	−41·178	− 5	M m	...
...	4·976	+17·815	− 3	M m	...
...	5·083	+41·475	− 2	B m	...
*	5·121	− 3·711	1·00	45.2467	9·8
...	+ 5·184	−51·809	− 5	M m	...
...	5·253	−53·944	0·70	m	...
...	5·266	− 3·236	− 5	M m	...
...	5·275	−49·641	− 5	M m	...
*	5·313	−38·918	1·65	46.2479	9·4
981					
†	+ 5·487	+59·685	0·80	...	...
...	5·736	+30·460	− 5	M m	...
...	5·782	−54·560	0·80	...	...
...	5·798	+10·407	0·85	M	...
...	5·874	−30·524	0·75	...	...
...	+ 5·874	−53·528	− 1	m	...
...	5·882	−57·890	− 2	m	...
...	5·918	−21·262	0·65	...	...
...	6·056	−10·770	0·80	...	...
...	6·157	+53·381	0·75	...	...

843. Obscures 2nd image of 846; 2nd image measured and corrected.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
991-1050					
991					
...	+ 6′163	+41′536	— 2	B *m*	...
*	6·166	+ 8·350	1·00	45.2469	10·0
*	6·201	+26·144	1·30	45.2468	9·6
...	6·256	−45·132	— 5	M *m*	...
...	6·442	+31·366	— 4	M *m*	...
*	+ 6·476	−46·267	1·05	46.2480	9·8
...	6·565	+ 7·473	— 4	M *m*	...
...	6·642	+24·268	0·90	45.2470	10·2
...	6·690	+43·483	— 4	M *m*	...
*	6·717	−38·055	1·40	46.2481	9·6
1001					
...	+ 6·870	−46·576	— 3	M *m*	...
...	6·873	— 4·657	— 1	A *m*	...
...	6·936	+44·907	— 4	M *m*	...
...	6·941	+10·285	— 4	M *m*	...
...	6·949	−37·929	— 3	M *m*	...
...	+ 6·978	+19·707	— 5	M *m*	...
*	6·996	−56·480	1·00	46.2482	10·0
...	6·999	−40·517	— 5	M *m*	...
...	7·167	— 5·555	— 5	M *m*	...
*	7·242	+47·310	1·00	45.2471	9·9
1011					
...	+ 7·414	+39·059	0·80	...	...
...	7·460	−55·671	— 5	M *m*	...
...	7·517	+39·421	— 5	*m*	...
...	7·538	+51·228	— 3	*b*	...
...	7·607	−59·387	0·85	...	...
...	+ 7·663	+18·749	— 5	*m*	...
...	7·826	−56·617	— 4	M *m*	...
...	7·836	+41·248	0·80	...	...
...	7·876	−58·897	— 5	M *m*	...
...	7·887	+27·055	— 5	*m*	...
1021					
...	+ 8·003	−35·898	— 4	M *m*	...
...	8·083	−59·905	0·75	...	...
...	8·120	+36·844	0·80	...	...
...	8·175	−18·141	— 5	*m*	...
...	8·185	+35·032	— 3	*b*	...
...	+ 8·188	−31·727	0·75	...	...
†	8·279	— 0·161	— 3	*m*	...
...	8·343	+26·810	0·75	...	...
...	8·369	+50·299	— 5	*m*	...
...	8·392	−12·713	— 4	*m*	...
1031					
...	+ 8·407	+46·566	— 5	*m*	...
...	8·580	−44·153	0·70	...	...
...	8·686	−55·837	— 3	*m*	...
...	8·742	−37·285	— 5	*m*	...
...	8·818	−12·798	— 3	*m*	...
...	+ 8·826	+31·257	— 4	*m*	...
...	8·884	−59·143	— 5	*m*	...
...	8·930	+12·437	— 5	*m*	...
...	8·963	−46·298	— 4	*m*	...
...	8·984	−28·069	— 4	*m*	...
1041					
...	+ 8·989	+44·022	0·95	45.2472	10·2
...	9·033	+ 8·979	0·75	...	...
...	9·077	−10·417	— 4	*m*	...
...	9·105	— 6·978	— 5	*m*	...
...	9·239	— 2·933	0·65	...	...
‡	+ 9·332	+19·863	1·00	45.2475	9·8
...	9·339	−27·041	— 5	*m*	...
...	9·361	+19·495	— 3	*m*	...
...	9·364	−21·223	— 2	*a*	...
*	9·416	+55·122	1·20	45.2473	9·4
1051-1110					
1051					
*	+ 9′443	+52′444	1·00	45.2474	10·2
...	9·445	+ 1·355	— 4	*m*	...
...	9·479	+19·125	— 5	*m*	...
...	9·896	−46·248	— 4	*m*	...
...	10·078	+ 5·301	— 5	*m*	...
...	+10·142	+12·649	— 5	*m*	...
...	10·146	−49·912	— 4	*m*	...
...	10·195	−59·516	— 4	*m*	...
...	10·470	+50·536	— 3	*m*	...
*	10·576	−22·245	1·40	46.2483	9·4
1061					
...	+10·577	−59·881	— 3	...	...
...	10·592	+49·441	— 3	*m*	...
...	10·593	−24·727	— 4	...	...
*	10·689	+ 9·270	1·00	45.2477	10·0
*	10·726	+22·620	1·80	45.2476	9·1
*	+10·769	− 9·900	1·40	46.2484	9·4
...	10·776	+43·410	— 4	*m*	...
...	10·797	−25·400	0·65	...	...
...	10·834	— 7·435	— 5	*m*	...
...	11·006	+26·574	— 5	*m*	...
1071					
*	+11·134	−39·709	2·00	46.2485	8·8
...	11·159	−38·230	— 4	...	...
...	11·229	−25·437	— 4	...	...
...	11·408	+59·521	— 4	*m*	...
...	11·450	+17·278	— 5	*m*	...
S*	+11·496	+25·737	2·30	45.2478	8·7
N	11·548	+17·971	0·65	45.2479	10·2
...	11·612	— 5·336	— 2	...	...
...	11·663	−49·444	— 5	*m*	...
...	11·670	−50·277	— 3	*m*	...
1081					
...	+11·742	−36·745	— 5	*m*	...
...	11·744	−42·360	— 2	...	...
...	11·749	−56·749	0·65	...	...
...	11·773	−46·020	— 5	*m*	...
...	11·780	−49·010	— 3	*m*	...
...	+11·872	+52·117	— 5	*m*	...
*	11·965	+52·261	1·00	45.2480	9·8
...	12·275	+24·725	— 4	*m*	...
...	12·300	−26·887	— 5	*m*	...
...	12·321	−26·259	— 4	...	...
1091					
*	+12·393	+54·298	1·25	45.2481	9·8
*	12·631	−49·594	0·95	46.2487	10·0
...	12·651	+10·465	0·90	45.2482	10·0
...	12·774	+49·191	— 3	*m*	...
...	12·941	−36·668	— 4	...	...
...	+13·038	−25·165	— 2	...	...
...	13·107	−24·620	— 5	*m*	...
*	13·115	−49·104	1·10	46.2488	9·6
...	13·178	+40·025	— 3	*m*	...
...	13·282	+55·043	0·65	...	...
1101					
...	+13·359	−27·781	— 3	...	...
...	13·394	+38·327	— 5	*m*	...
..	13·502	+25·188	— 5	*m*	...
...	13·577	+44·440	— 5	*m*	...
...	13·621	−46.909	— 5	*m*	...
...	+13·723	− 4·532	— 5	*m*	...
...	13·727	+33·152	— 2	...	...
...	13·760	+21·188	0·90	45.2483	9·8
...	13·784	−54·192	— 4	...	...
...	13·797	−14·445	0·95	46.2489	10·2
1111-1170					
1111					
...	+13′820	+44′928	— 5	*m*	...
*	13·869	— 8·129	1·20	46.2490	9·7
...	14·157	— 7·379	— 5	*m*	...
...	14·196	+45·360	— 5	*m*	...
*	14·263	+21·393	1·30	45.2485	9·5
...	+14·269	−21·112	— 2	...	...
...	14·291	+ 8·583	— 5	*m*	...
*	14·323	+54·292	1·30	45.2484	9·6
*	14·360	— 5·389	1·15	46.2491	9·8
...	14·397	+46·268	— 5	*m*	...
1121					
...	+14·455	−11·835	— 5	*m*	...
...	14·470	−33·115	0·70	46.2493	10·2
...	14·483	−11·007	0·95	46.2492	9·9
...	14·494	+46·607	0·70	...	...
...	14·681	+42·606	— 4	*m*	...
†	+14·683	−35·665	— 4	...	...
...	14·744	−46·729	— 5	*m*	...
...	14·784	−12·237	— 4	*m*	...
...	14·860	+34·175	— 4	*m*	...
...	14·879	+51·008	— 4	*m*	...
1131					
*	+15·092	−58·558	1·40	46.2495	9·8
*	15·133	+20·056	1·40	45.2486	9·5
...	15·273	− 4·972	— 3	*m*	...
*	15·311	− 9·208	1·90	46.2494	9·3
...	15·384	+ 9·520	— 5	*m*	...
...	+15·434	+17·761	— 4	*m*	...
*	15·691	+41·413	1·00	45.2487	9·8
*	15·734	−50·939	2·40	46.2496	9·0
...	15·972	+30·252	— 3	*m*	...
...	16·004	−33·202	0·65	...	...
1141					
...	+16·005	−22·479	0·70	...	...
...	16·034	−52·205	— 4	*m*	...
...	16·045	−41·249	0·65	...	...
...	16·064	+ 6·797	— 4	*m*	...
...	16·189	+22·284	— 5	*m*	...
...	+16·259	−45·578	— 4	*m*	...
...	16·338	+38·885	0·80	...	...
†	16·463	+ 9·900	— 5	*m*	...
...	16·631	+31·249	— 5	*m*	...
...	16·701	−27·830	0·75	...	...
1151					
...	+16·753	−23·228	0·85	...	...
...	16·754	+50·766	— 4	*m*	...
...	16·860	−34·343	0·80	...	...
...	16·907	+56·076	— 4	*m*	...
...	16·938	−47·033	— 3	*m*	...
...	+16·942	+28·161	0·75	...	...
...	17·104	+11·296	— 3	*b*	...
*	17·119	+52·527	1·10	45.2488	9·9
...	17·242	−38·134	0·75	...	...
...	17·330	−51·779	— 5	*m*	...
1161					
...	+17·331	−35·916	— 5	*m*	...
...	17·343	−57·672	— 5	*m*	...
...	17·398	−40·703	— 5	*m*	...
†	17·492	+24·826	0·70	45.2489	10·2
*	17·496	+44·509	1·50	45.2490	9·4
...	+17·544	−39·815	0·90	...	...
...	17·548	+55·590	— 5	*m*	...
...	17·588	+ 4·487	— 5	*m*	...
...	17·599	+36·113	0·90	...	...
...	17·671	−17·847	— 5	*m*	...

1077. Mass, 45°·51, no sign of duplicity.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−1.	No.	Mag.
1171-1230					
1171					
*	+18·009	−49·210	1·00	46.2498	9·8
...	18·122	+49·111	− 5	*m*	...
*	18·166	−15·986	0·95	46.2497	10·2
...	18·223	+35·150	0·75	...	...
...	18·264	+15·931	− 4	*m*	...
...	+18·343	−22·399	− 4	*m*	...
...	18·364	+37·648	− 4	*m*	...
†	18·415	−39·988	0·70	...	...
*	18·477	+10·615	1·00	45.2491	9·8
...	18·624	+54·352	− 5	*m*	...
1181					
...	+18·624	+40·085	− 3	*m*	...
*	18·627	−57·835	1·00	...	...
...	18·677	−59·848	− 4	*m*	...
...	18·699	+43·166	− 5	*m*	...
...	18·716	−34·451	− 3	*m*	...
...	+18·720	+11·294	− 5	*m*	...
*	18·896	+22·989	0·95	45.2492	10·2
...	18·961	− 2·383	− 4	*m*	...
...	19·011	+ 4·270	− 2	*m*	...
...	19·106	−20·954	− 5	*m*	...
1191					
...	+19·156	+ 0·709	0·75	...	...
...	19·206	+ 4·315	0·75	...	...
...	19·259	−39·466	0·75	...	...
...	19·346	+35·071	− 5	*m*	...
...	19·360	−31·735	− 3	*m*	...
...	+19·383	− 1·854	− 4	*m*	...
...	19·451	+41·789	0·70	...	...
...	19·464	−34·115	− 4	*m*	...
...	19·496	−11·035	− 5	*m*	...
...	19·506	− 9·997	− 5	*m*	...
1201					
...	+19·693	+11·347	0·90	45.2493	9·9
*	19·706	− 8·647	0·95	46.2500	9·9
...	19·992	+ 4·936	− 5	*m*	...
...	20·139	+15·225	− 2	...	...
*	20·211	− 2·767	1·05	45.2495	9·8
*	+20·241	−47·916	1·25	46.2502	9·6
...	20·264	−22·926	0·85	46.2501	10·2
...	20·394	+34·109	0·65	...	...
...	20·418	+14·673	0·85	45.2494	10·2
...	20·522	−44·577	− 5	*m*	...
1211					
...	+20·710	+44·239	0·80	45.2496	10·2
...	20·724	+13·419	− 3	...	...
...	20·725	−47·858	− 3	...	...
...	20·770	+15·722	− 5	*m*	...
...	20·774	+59·165	− 4	*m*	...
...	+20·889	− 8·988	− 5	*m*	...
...	20·889	−47·942	− 3	...	...
...	20·921	+21·668	0·65	...	...
...	21·115	−27·514	− 2	...	...
...	21·186	+15·694	− 3	...	...
1221					
...	+21·206	+49·058	− 3	*m*	...
...	21·293	+45·230	− 3	*m*	...
...	21·296	−48·621	− 4	...	...
*	21·461	−27·884	1·00	46.2504	9·9
*	21·475	−39·055	1·80	46.2503	9·2
...	+21·547	+49·287	− 5	*m*	...
...	21·557	−36·984	− 3	...	...
...	21·577	−40·293	− 4	*m*	...
...	21·688	−47·398	− 3	...	...
...	21·786	+29·712	− 4	*m*	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−1.	No.	Mag.
1231-1290					
1231					
...	+22·088	−43·091	0·80	...	...
...	22·121	− 3·701	− 3	...	...
*	22·135	−47·357	1·25	46.2505	9·7
...	22·169	+43·807	0·70	...	...
...	22·173	+17·970	− 4	*m*	...
...	+22·375	− 6·836	− 2	...	...
...	22·509	+47·182	0·65	...	...
...	22·544	+57·325	− 4	*m*	...
*	22·570	−10·589	1·00	46.2506	9·9
...	22·614	+ 8·599	− 4	...	...
1241					
...	+22·671	−57·011	− 5	*m*	...
...	22·717	+46·326	− 2	*a*	...
*	22·834	+15·131	0·95	45.2498	9·8
*	22·884	− 4·020	1·20	45.2499	9·6
...	22·924	+11·953	− 2	...	...
...	+22·926	−16·107	− 4	...	...
...	22·945	−52·278	− 4	...	...
...	22·972	+ 1·072	− 3	...	...
...	22·976	+12·165	0·70	45.2500	10·2
...	22·991	−41·271	− 4	...	...
1251					
...	+23·012	+32·697	0·70	...	...
...	23·062	+28·407	− 4	*m*	...
*	23·194	+43·801	1·20	45.2497	9·6
...	23·266	−57·157	− 5	*m*	...
*	23·276	−13·661	1·30	46.2507	9·6
...	+23·350	−55·490	− 5	*m*	...
...	23·487	− 7·095	− 3	...	...
...	23·490	+40·078	− 1	...	...
...	23·515	+28·473	− 4	*m*	...
...	23·542	+52·314	− 2	...	...
1261					
...	+23·614	−34·509	− 3	...	...
S*	23·669	−18·524	2·70	46.2508	8·3
*	23·823	+56·210	1·50	44.2604	9·6
*	23·825	+57·677	1·60	44.2603	9·4
...	23·827	−33·111	− 2	...	...
...	+23·876	−43·342	− 5	*m*	...
*	23·941	+38·480	1·05	45.2501	9·8
...	24·194	+14·538	− 3	*m*	...
...	24·260	−46·912	− 4	...	...
...	24·294	+36·508	− 4	*m*	...
1271					
...	+24·345	−55·571	− 3	...	...
...	24·429	+24·909	0·65	...	...
*	24·444	−34·519	1·20	46.2509	9·8
...	24·567	−38·139	− 5	*m*	...
...	24·637	+28·463	− 5	*m*	...
...	+24·810	−40·580	0·65	...	...
...	24·837	+47·905	− 5	*m*	...
...	24·987	+ 8·183	− 5	*m*	...
...	25·080	+50·503	− 3	*m*	...
*	25·187	+54·256	1·00	45.2502	9·8
1281					
...	+25·233	+48·086	− 5	*m*	...
*	25·381	+46·217	0·95	...	...
...	25·440	+26·896	− 5	*m*	...
*	25·469	+34·330	1·40	45.2503	9·6
...	25·476	+16·208	0·85	...	...
*	+25·519	−42·445	1·30	46.2511	9·7
...	25·522	−40·659	0·90	...	...
...	25·649	+19·734	− 4	*m*	...
...	25·667	−34·432	0·65	...	...
...	25·677	+43·641	− 2	*b*	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−1.	No.	Mag.
1291-1350					
1291					
*	+25·682	− 7·375	0·90	46.2510	10·2
...	25·697	+12·927	− 4	*m*	...
...	25·789	+20·207	− 5	*m*	...
...	25·863	+ 8·086	− 4	*m*	...
...	25·901	+46·147	0·80	*a*	...
*	+26·047	−49·361	1·40	46.2512	9·6
*	26·081	+42·546	1·00	45.2504	10·0
...	26·270	−52·687	− 4	*m*	...
*	26·318	+22·284	1·00	45.2505	10·0
...	26·449	+43·162	− 2	*b*	...
1301					
...	+26·483	−49·650	0·70	...	...
...	26·545	+10·379	0·75	...	...
...	26·582	−35·207	− 5	*m*	...
...	26·596	− 5·577	0·80	...	...
...	26·674	+12·531	− 5	*m*	...
...	+26·771	−55·154	− 4	*m*	...
...	26·904	+ 9·093	− 3	*m*	...
...	26·945	+47·422	− 4	*m*	...
...	27·000	+49·410	0·75	...	...
*	27·113	−36·993	1·60	46.2513	9·5
1311					
*	+27·122	−47·917	1·00	46.2514	10·0
...	27·201	−38·268	0·70	...	...
...	27·254	+11·693	− 5	*m*	...
...	27·274	−1·604	− 5	*m*	...
†	27·348	−35·065	0·80	...	...
...	+27·362	−51·215	− 5	*m*	...
...	27·429	+47·183	− 3	*m*	...
...	27·444	−55·510	− 2	*m*	...
...	27·579	−34·920	− 4	*m*	...
...	27·579	−23·322	− 3	*m*	...
1321					
*	+27·600	+14·716	1·00	45.2506	9·8
...	27·636	+31·836	− 4	*m*	...
...	27·818	+16·348	0·70	...	...
...	27·882	+ 2·140	− 4	*m*	...
*	27·899	−13·376	1·10	46.2515	9·6
...	+27·918	−44·660	− 5	*m*	...
... [	27·931	−15·310	− 1	...	...
* [	27·936	−15·376	1·10	46.2516	9·6
...	28·051	+ 8·821	− 5	*m*	...
*	28·068	+45·760	0·95	...	...
1331					
*	+28·170	−20·623	1·10	46.2517	9·8
...	28·258	−55·610	− 3	*b*	...
...	28·366	+53·813	− 3	*b*	...
...	28·563	−32·037	0·70	...	...
...	28·631	−13·885	− 3	*m*	...
...	+28·757	+52·005	− 5	*m*	...
...	28·781	−34·739	− 5	*m*	...
...	28·824	+55·237	− 2	*b*	...
...	28·872	+52·428	− 3	*b*	...
...	28·882	−53·438	− 4	*m*	...
1341					
...	+28·904	−47·542	− 5	*m*	...
...	28·966	−24·360	− 2	*m*	...
...	29·071	+58·818	− 3	*b*	...
*	29·084	+34·102	1·00	45.2507	10·2
...	29·193	−49·974	− 3	*m*	...
...	+29·401	−40·893	0·65	...	...
...	29·433	−23·671	− 4	*m*	...
*	29·448	−55·724	1·00	46.2518	10·0
...	29·451	−51·039	− 5	*m*	...
...	29·516	−28·661	0·65	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
1351-1410					
1351					
...	+29·574	−56·188	0·80	...	...
...	29·705	+38·644	− 3	*m*	...
...	29·723	+58·054	− 5	*m*	...
...	29·788	− 0·394	− 5	*m*	...
*	29·869	+39·988	0·95	45.2509	10·2
*	+29·925	+50·763	1·50	45.2508	9·5
*	29·953	+20·502	1·35	45.2510	9·4
...	30·001	−14·450	− 5	*m*	...
...	30·031	− 8·757	0·65	...	...
...	30·202	−30·105	− 4	*m*	...
1361					
...	+30·334	+58·313	− 1	*a*	...
...	30·357	−48·951	− 1	...	...
...	30·394	−34·106	− 5	*m*	...
*	30·514	+45·473	0·95	45.2511	10·0
...	30·525	+49·028	− 3	*m*	...
...	+30·526	−53·607	− 5	*m*	...
...	30·536	+34·676	− 5	*m*	...
...	30·676	+28·785	− 2	...	...
...	30·753	+22·040	− 3	...	...
...	30·823	−42·744	− 3	...	...
1371					
*	+30·868	+19·112	1·20	45.2514	9·6
...	30·934	+47·406	0·85	45.2512	10·2
*	30·958	+ 5·397	1·50	45.2518	9·2
...	31·015	+ 5·988	− 5	*m*	...
*	31·031	+11·139	1·10	45.2516	9·8
*	+31·048	+29·626	1·60	45.2515	9·2
...	31·070	−41·406	− 5	*m*	...
...	31·103	− 0·422	0·75	45.2519	10·2
*	31·137	− 8·456	1·10	46.2519	9·8
...	31·227	+26·200	0·70	45.2517	10·2
1381					
*	+31·255	+52·390	1·00	45.2513	10·0
*	31·346	−40·158	1·15	46.2520	9·6
...	31·347	−12·924	− 2	...	...
...	31·592	−50·517	− 5	*m*	...
...	31·597	−44·449	0·65	...	...
†	+31·610	− 5·081	− 3	...	...
...	31·613	−15·582	0·65	...	...
†	31·647	+34·781	0·65	...	...
...	31·786	− 2·088	− 5	*m*	...
...	31·786	− 9·629	− 5	*m*	...
1391					
...	+31·796	+39·072	− 4	*m*	...
...	32·023	+45·845	− 5	*m*	...
...	32·024	+11·330	− 5	*m*	...
...	32·056	−14·810	0·70	46.2521	10·2
...	32·093	+40·689	− 1	...	...
...	+32·172	+14·451	0·70	45.2521	10·2
*	32·175	+52·974	1·60	45.2520	9·6
...	32·258	−29·597	− 5	*m*	...
...	32·411	+21·186	− 5	*m*	...
...	32·710	−51·610	− 3	...	...
1401					
...	+32·750	+33·405	− 4	*m*	...
*	32·880	+15·741	1·60	45.2522	9·2
...	32·980	+ 6·238	− 5	*m*	...
...	33·310	−46·021	− 3	...	...
...	33·417	−58·014	− 4	*m*	...
...	+33·674	+59·603	− 3	*a*	...
...	33·728	+ 6·506	− 5	*m*	...
...	33·864	+11·448	0·65	...	...
...	33·932	+55·125	− 4	*m*	...
...	34·056	−49·199	− 2	...	...
1411-1470					
1411					
...	+34·127	+ 5·270	− 5	*m*	...
...	34·366	+53·245	− 3	*b*	...
...	34·508	+ 0·334	− 5	*m*	...
‡	34·525	+27·504	1·00	45.2523	9·8
...	34·544	−29·132	− 5	*m*	...
†	+34·608	+ 4·507	0·85	45.2524	10·2
...	34·686	−36·971	− 5	*m*	...
...	34·755	+42·638	− 4	*m*	...
...	34·839	+21·061	− 5	*m*	...
...	34·849	+58·064	− 4	*m*	...
1421					
...	+34·857	+25·718	0·80	...	...
...	34·905	+45·512	− 5	*m*	...
*	34·951	−38·455	1·00	46.2522	10·2
...	35·020	−44·180	0·75	...	...
...	35·051	−51·525	0·75	...	...
...	+35·214	−10·752	0·65	...	...
...	35·257	−57·468	− 5	*m*	...
...	35·273	−42·449	0·65	*a*	...
...	35·287	+ 6·830	0·65	...	...
...	35·311	+33·473	− 3	*m*	...
1431					
...	+35·343	−35·756	− 3	*m*	...
N *	35·384	−36·166	2·00	46.2523	9·2
*	35·478	−44·542	1·30	46.2524	9·8
...	35·543	−10·365	− 4	*m*	...
...	35·618	+20·954	− 5	*m*	...
...	+35·647	−48·643	0·70	...	...
...	35·662	−53·627	0·80	...	...
*	35·951	−46·295	1·00	46.2525	9·9
*	35·982	+ 3·882	1·00	45.2530	10·2
...	36·022	+52·813	− 5	*m*	...
1441					
...	+36·044	−52·620	− 3	*m*	...
*	36·087	+51·773	1·60	45.2525	9·7
...	36·308	+23·800	0·90	45.2531	10·2
...	36·310	−11·049	− 5	*m*	...
*	36·342	+44·496	2·00	45.2526	8·9
...	+36·352	−34·787	− 2	*a*	...
...	36·399	+40·976	− 5	*m*	...
*	36·427	+33·559	2·20	45.2529	8·9
‡	36·507	+39·753	1·05	45.2528	9·7
*	36·542	+48·365	1·10	45.2527	9·8
1451					
...	+36·587	+ 7·812	− 4	*m*	...
...	36·822	+27·140	0·75	...	...
...	36·851	−10·505	0·75	...	...
...	37·244	−29·662	− 5	*m*	...
...	37·281	+51·775	− 4	*m*	...
...	+37·340	− 5·934	0·85	...	...
...	37·422	+27·582	− 5	*m*	...
*	37·445	−41·566	1·90	46.2527	9·6
...	37·466	−46·498	0·80	...	...
*	37·531	−28·927	1·00	46.2526	10·0
1461					
...	+37·577	−47·025	− 5	*m*	...
...	37·774	+47·041	0·90	...	...
...	37·799	+49·490	− 3	*b*	...
*	37·807	−28·922	2·20	46.2528	9·0
...	37·825	+38·486	− 4	*m*	...
...	+37·834	+25·686	− 2	*b*	...
...	37·871	+20·614	− 3	*b*	...
...	37·889	−47·138	− 5	*m*	...
...	38·028	+ 4·990	− 4	*m*	...
...	38·111	−49·260	− 5	*m*	...
1471-1530					
1471					
...	+38·156	−23·814	− 5	*m*	...
...	38·211	− 2·625	− 5	*m*	...
...	38·218	−14·073	− 5	*m*	...
...	38·235	+43·988	0·70	*b*	...
...	38·241	−22·149	0·85	...	...
...	+38·298	−19·103	− 5	*m*	...
...	38·450	−42·295	− 3	*m*	...
*	38·546	−42·977	1·00	46.2530	10·0
*	38·577	+31·951	0·90	...	...
‡	38·841	−15·122	1·10	46.2529	9·9
1481					
...	+38·917	+27·869	0·75	*b*	...
...	38·929	+ 2·462	− 3	*m*	...
...	39·042	+17·790	− 2	*b*	...
...	39·058	−54·591	− 5	*m*	...
...	39·103	−49·091	− 5	*m*	...
...	+39·112	+25·384	0·80	...	...
*	39·135	−12·552	1·00	46.2531	10·0
...	39·407	−40·897	− 4	*m*	...
...	39·446	−39·340	− 5	*m*	...
†	39·509	+ 5·869	− 4	*m*	...
1491					
*	+39·523	−58·828	1·80	46.2533	9·7
...	39·650	−52·093	− 5	*m*	...
...	39·713	+48·160	0·85	...	...
...	39·823	+ 8·866	− 3	*m*	...
...	39·830	−20·385	− 3	...	...
...	+39·878	−51·894	0·70	...	...
*	39·960	−10·994	2·00	46.2532	8·9
...	40·156	−17·372	− 3	...	...
...	40·208	+10·770	0·65	45.2532	10·2
...	40·219	+49·301	0·70	*a*	...
1501					
...	+40·548	+42·281	− 4	*m*	...
...	40·762	+32·341	− 3	*m*	...
...	41·047	−35·671	− 3	...	...
...	41·215	−12·267	0·80	46.2534	10·0
...	41·286	− 0·477	0·75	...	...
...	+41·375	+57·131	− 5	*m*	...
...	41·626	− 2·726	0·85	...	...
...	41·834	−42·610	0·70	...	...
...	41·972	−27·382	0·80	46.2535	10·2
...	42·120	+26·761	0·65	*a*	...
1511					
...	+42·191	+ 7·113	− 5	*m*	...
...	42·224	−33·842	− 4	...	...
...	42·344	−46·027	− 2	...	...
...	42·349	+21·974	− 5	*m*	...
...	42·485	−16·081	− 5	*m*	...
...	+42·563	−37·467	− 5	*m*	...
...	42·688	+35·429	0·65	...	...
...	42·819	−28·278	0·90	46.2536	10·2
...	42·858	−17·342	0·70	...	...
...	43·051	−25·839	0·80	46.2537	10·2
1521					...
...	+43·272	− 5·234	0·65	...	...
*	43·437	−31·570	1·40	46.2538	9·2
...	43·473	−47·934	− 5	*m*	...
S *	43·481	+11·236	1·50	45.2533	9·2
...	43·763	+55·691	− 4	*m*	...
...	+43·774	−18·948	0·65	...	...
*	43·777	+ 9·361	1·00	45.2535	9·9
*	44·128	+21·943	1·10	45.2537	9·7
*	44·135	+19·470	1·15	45.2536	9·7
...	44·170	−10·721	− 2	...	...

1432. Obscures 2nd image of 1431.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	-1.	No.	Mag.
1531-1590					
1531					
...	+44′181	+36′746	0·95	45.2534	10·0
*	44·205	−32·105	1·30	46.2540	9·6
...	44·255	+32·211	— 2	*b*	...
...	44·369	+ 8·515	— 3	...	...
...	44·408	−48·521	0·65	...	...
...	+44·503	−57·738	0·75	...	...
†	44·521	−13·776	0·65	46.2539	10·2
...	44·608	+57·273	1·10	...	...
...	44·632	— 1·923	— 5	*m*	...
...	44·824	+28·798	— 5	*m*	...
1541					
...	+44·872	−37·743	— 3	*e*	...
...	44·987	+35·908	— 4	*m*	...
*	45·164	−10·642	1·10	46.2541	9·7
...	45·212	+ 4·547	0·70	...	...
*	45·272	+47·200	2·00	45.2538	9·2
*n**	+45·285	+23·308	0·95	45.2539	9·8
*	45·337	+13·926	1·10	45.2540	9·8
...	45·365	−22·402	— 4	*e*	...
*n**	45·373	+23·240	0·90	45.2539	9·8
...	45·455	+51·251	— 4	*m*	...
1551					
...	+45·509	+25·861	0·65	*e*	...
...	45·643	−44·475	— 5	*m*	...
...	45·666	−18·724	— 4	*e*	...
...	45·666	−23·767	— 5	*m*	...
...	45·816	+37·225	— 3	*m*	...
...	+45·912	+21·282	— 5	*m*	...
...	45·952	+25·507	0·65	*e*	...
...	46·125	+16·218	— 5	*m*	...
...	46·141	−56·265	— 5	*m*	...
...	46·168	+20·319	— 4	*e*	...
1561					
...	+46·319	−19·636	0·70	...	...
...	46·335	+22·473	0·65	*e*	...
...	46·392	+44·080	0·80	*e*	...
*	46·416	−13·114	1·90	46.2542	9·4
...	46·482	−24·163	— 1	*e*	...
...	+46·561	+17·722	— 1	*e*	...
...	46·641	+31·815	— 5	*m*	...
†	46·670	−10·065	— 3	*m*	...
*	46·726	−46·465	1·70	46.2544	9·4
*	46·882	−26·294	1·00	46.2543	10·0
1571					
*	+47·132	+49·487	1·10	45.2541	10·2
...	47·168	−49·578	— 1	*e*	...
...	47·240	+37·164	— 5	*m*	...
...	47·279	−12·349	— 1	*e*	...
*	47·360	−19·379	1·00	46.2545	10·2
...	+47·411	+30·707	— 5	*m*	...
...	47·508	−19·441	— 5	*m*	...
...	47·566	+ 2·037	— 5	*m*	...
*	47·669	−40·812	1·10	46.2546	9·9
*	47·691	— 0·436	1·00	45.2542	9·8
1581					
...	+47·711	+50·310	— 5	*m*	...
...	47·789	−21·480	0·65	*e*	...
...	47·870	+41·718	0·65	*e*	...
...	47·877	−29·952	— 5	*m*	...
...	47·892	−24·291	— 5	*m*	...
...	+47·968	−41·279	— 4	*m*	...
*	48·041	−59·737	1·05	46.2548	10·2
...	48·054	−21·456	0·80	...	...
...	48·074	−10·786	— 4	*m*	...
...	48·149	+33·892	0·65	*e*	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	-1.	No.	Mag.
1591-1650					
1591					
...	+48′165	+29′735	0·65	*e*	...
*	48·282	−45·819	1·90	46.2547	9·4
...	48·338	−40·497	— 4	*e*	...
...	48·342	−46·207	— 5	*m*	...
...	48·488	+30·521	0·70	*e*	...
†	+48·525	+34·759	— 4	*e*	...
*	48·589	−35·727	1·00	46.2549	9·8
...	48·688	+22·658	— 5	*m*	...
...	48·764	−35·115	— 5	*m*	...
...	48·803	−10·516	— 5	*m*	...
1601					
...	+49·087	+24·300	— 5	*m*	...
...	49·176	+22·222	0·65	*e*	...
*	49·221	−32·391	0·95	46.2550	10·2
...	49·256	+52·232	— 5	*m*	...
...	49·496	−42·719	0·70	...	...
†	+49·611	— 5·130	0·65	...	...
...	49·708	— 8·044	— 4	*e*	...
...	49·802	— 8·317	— 4	*e*	...
‡	49·812	−34·985	1·25	46.2551	9·6
‡	49·973	−29·444	1·90	46.2552	9·0
1611					
...	+50·090	+33·825	— 3	*e*	...
...	50·092	+32·002	— 2	*e*	...
...	50·184	−48·215	— 4	...	...
...	50·215	+29·968	0·90	45.2543	10·2
...	50·323	−20·870	— 4	*e*	...
...	+50·353	+40·949	— 5	*e*	...
*	50·453	+22·567	1·10	45.2544	9·8
...	50·688	+31·277	— 5	*e*	...
...	50·798	+27·036	— 2	*e*	...
...	50·818	+22·235	— 5	*m*	...
1621					
...	+50·862	+18·310	0·85	45.2546	9·8
...	50·883	−43·203	— 2	...	...
...	51·098	−56·964	— 4	*e*	...
...	51·100	−39·860	— 5	*e*	...
...	51·141	+23·237	— 4	*e*	...
*	+51·173	+53·740	1·20	45.2545	9·9
...	51·187	+ 5·481	— 4	*e*	...
...	51·277	−37·183	0·70	*e*	...
...	51·298	−46·153	0·70	...	...
*	51·405	−25·451	0·90	46.2553	10·2
1631					
...	+51·429	— 6·824	— 5	*m*	...
*	51·696	+ 8·211	1·10	45.2547	9·6
...	51·987	−55·842	0·85	...	...
...	52·045	+47·816	— 4	*e*	...
...	52·101	−17·551	— 5	*e*	...
*	+52·210	−15·299	1·10	46.2554	9·8
...	52·217	— 3·163	— 4	*e*	...
...	52·279	+ 2·104	— 5	*m*	...
...	52·295	−36·294	— 4	*e*	...
...	52·376	−13·769	— 2	...	...
1641					
...	+52·424	+ 7·902	— 2	...	...
...	52·511	+23·945	0·70	...	...
...	52·535	−16·840	— 5	*e*	...
...	52·573	−56·041	0·80	*e*	...
*	52·600	−17·542	0·90	46.2555	10·2
*	+52·709	+32·790	1·05	45.2548	9·7
...	52·818	+33·608	— 4	*e*	...
...	52·846	−47·509	0·85	46.2556	10·2
...	52·932	+58·971	— 1	*e*	...
...	53·182	−48·936	— 4	*e*	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	-1.	No.	Mag.
1651-1710					
1651					
*	+53′238	+ 7′502	1·50	45.2551	9.2
*	53·251	+56·427	1·15	44.2653	9·9
...	53·278	+26·439	— 4	*e*	...
...	53·380	— 4·062	— 3	*e*	...
...	53·417	+11·196	— 5	*e*	...
...	+53·422	— 6·279	— 2	...	...
...	53·438	+15·617	— 5	*m*	...
S *	53·448	−37·793	2·60	46.2557	8·2
...	53·475	−23·161	— 1	...	...
...	53·487	−23·276	— 5	*e*	...
1661					
...	+53·547	+57·281	0·65	*e*	...
...	53·721	+47·805	— 4	*e*	...
...	53·753	+24·114	— 5	*m*	...
...	53·779	−49·884	— 5	*m*	...
...	53·788	+13·342	0·80	45.2552	10·0
*	+53·839	+39·436	1·70	45.2549	9·5
...	53·857	+18·306	0·85	45.2553	10·0
...	53·872	−34·214	— 1	...	...
*	53·923	+46·802	1·20	45.2550	9·8
...	53·951	−23·272	— 3	*e*	...
1671					
*	+54·070	−46·012	1·15	46.2558	9·8
...	54·125	−17·437	— 4	*e*	...
*	54·274	+ 8·079	1·10	45.2554	9·8
...	54·317	−53·698	— 4	*e*	...
...	54·413	−55·772	— 4	*e*	...
...	+54·639	−27·014	— 5	*m*	...
...	54·654	+26·443	— 4	*m*	...
*	54·710	−35·926	1·15	46.2559	9·7
...	54·752	+39·246	— 4	*m*	...
*	54·876	— 3·692	1·50	45.2555	9·4
1681					
*	+54·947	−37·766	1·90	46.2561	9·2
...	55·015	+56·965	— 2	*e*	...
...	55·050	−42·172	— 5	*m*	...
...	55·073	+28·751	— 5	*m*	...
*	55·107	−32·118	1·40	46.2560	9·6
...	+55·116	+16·019	— 5	*m*	...
...	55·285	+28·197	— 4	*m*	...
...	55·346	+ 2·718	— 3	*e*	...
...	55·426	— 9·811	0·90	...	...
...	55·469	−41·219	0·70	*e*	...
1691					
...	+55·487	+35·954	— 5	*e*	...
...	55·526	−35·851	0·70	*e*	...
...	55·582	+47·171	1·05	...	...
...	55·639	— 0·530	— 1	*e*	...
...	55·765	+ 5·429	— 2	*e*	...
*	+55·781	−35·637	1·10	46.2562	9·7
...	56·047	+ 2·321	— 3	*e*	...
...	56·321	−41·214	— 5	*m*	...
...	56·337	−55·524	— 1	*e*	...
...	56·351	−25·354	— 4	*e*	...
1701					
...	+56·355	+14·335	— 2	*e*	...
...	56·393	+22·586	— 2	*e*	...
...	56·460	+48·043	— 5	*m*	...
...	56·490	+12·563	0·70	*e*	...
...	56·495	+ 1·492	— 4	*e*	...
...	+56·538	+50·234	— 5	*m*	...
*	56·560	+46·524	2·20	45.2556	8·8
...	56·606	−40·364	0·90	...	...
*	56·800	+40·510	1·80	45.2557	9·2
...	56·876	−9·062	— 5	*m*	...

1546, 1549, C.P.D., mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
1711-1730					
1711					
*	+56′·953	−23′·128	1·00	46°.2563	10·0
...	56·980	−24·892	0·80	...	...
...	56·987	−29·367	− 5	*e*	...
...	57·013	+12·425	0·65	*e*	...
...	57·270	−45·847	− 5	*m*	...
...	+57·276	+23·275	− 3	*e*	...
...	57·328	+ 5·322	− 5	*m*	...
...	57·541	+15·239	− 5	*m*	...
...	57·614	+ 3·197	− 5	*e*	...
...	57·639	−14·176	0·70	*e*	...
1721					
*	+57·650	+43·646	1·00	45.2558	10·0
*	57·799	−19·330	0·90	...	...
...	57·839	+37·155	− 5	*e*	...
...	57·839	−23·778	− 5	...	...
S*	57·925	+35·387	2·05	45.2559	8·8
...	+57·928	+ 0·610	− 3	*e*	...
...	57·963	−46·932	− 5	*m*	...
*	58·058	+24·199	1·00	45.2560	9·8
...	58·058	−43·451	0·65	...	...
*	58·619	+ 4·130	1·00	45.2562	9·8

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
1731-1747					
1731					
...	+58′·680	+37′·861	0·90	° ...	...
*	58·818	−49·458	1·40	46.2565	9·8
*	58·843	−26·822	1·70	46.2564	9·4
...	58·846	−27·200	0·85	*e*	...
†	58·990	+44·836	0·90	45.2561	10·0
...	+58·993	+38·908	0·65	*e*	...
...	59·010	−58·844	− 5	*m*	...
...	59·019	+13·048	− 4	*m*	...
...	59·030	−42·170	− 5	*m*	...
...	59·055	− 7·669	0·65	*e*	...
1741					
...	+59·063	+26·993	− 4	*e*	...
...	59·104	−55·311	0·65	...	...
...	59·172	+34·515	− 5	*m*	...
...	59·183	+ 9·388	− 5	*m*	...
*	59·253	−53·697	1·40	46.2566	9·9
...	+59·386	+26·372	− 4	*e*	...
†	59·510	−56·348	− 5	*e*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. ...	C.P.D. No.	C.P.D. Mag.

1-30					
1					
...	−59′·861	−19′·201	0·70	° ...	...
*	59·788	−31·839	1·60	46.2538	9·2
...	59·728	−10·965	− 2	...	...
...	59·679	+23·087	0·85	45.2539	9·8
...	59·587	+23·024	0·75		
...	−59·528	+25·644	− 3	E	...
*	59·341	+13·718	1·00	45.2540	9·8
...	59·263	−14·002	0·70	46.2539	10·2
...	59·225	+43·897	− 1	E	...
...	59·166	+ 4·336	− 2	...	...
11					
...	−59·086	+25·319	− 4	E	...
*	59·014	−32·346	1·30	46.2540	9·6
*	58·731	−10·838	1·05	46.2541	9·7
...	58·702	+20·138	− 5	E	...
...	58·667	+49·323	1·00	45.2541	10·2
...	−58·600	+22·295	− 4	E	...
...	58·289	−48·741	− 3	...	...
...	58·223	+17·544	− 5	E	...
...	58·163	−37·951	− 5	E	...
...	58·152	−22·590	− 5	E	...
21					
...	−57·971	−18·905	− 5	E	...
...	57·896	−57·944	− 1	...	...
...	57·665	+41·579	− 5	E	...
*	57·387	−13·273	1·50	46.2542	9·4
...	57·291	−19·802	− 4	...	...
...	−57·153	+33·763	− 4	E	...
...	57·003	+29·622	− 5	E	...
...	56·975	−24·324	− 4	E	...
...	56·780	+34·662	− 5	E	...
...	56·696	+30·396	− 2	E	...

31-60					
31					
...	−56′·558	−12′·481	− 4	° E	...
*	56·522	− 0·560	0·95	45.2542	9·8
...	56·518	−26·437	0·90	46.2543	10·0
...	56.246	−19·507	0·85	46.2545	10·2
*	56·019	−46·615	1·70	46.2544	9·4
...	−55·755	+22·134	− 5	E	...
...	55·751	−21·583	− 4	E	...
...	55·502	−49·706	− 5	E	...
...	55·494	−21·558	− 2	...	...
*	55·276	−40·917	1·15	46.2546	9·9
41					
...	−55·203	+33·761	− 2	E	...
...	55·168	+40·886	− 5	E	...
...	55·142	+31·940	0·65	E	...
...	54·954	+29·899	0·90	45.2543	10·2
*	54·771	+53·692	1·05	45.2545	9·9
...	−54·627	−40·589	− 5	E	...
*	54·528	−35·829	1·00	46.2549	9·8
...	54·527	+31·220	− 5	E	...
*	54·497	+22·507	0·90	45.2544	9·8
*	54·488	−45·912	1·50	46.2547	9·4
51					
...	−54·467	− 5·192	0·65	...	...
...	54·289	+26·985	− 3	E	...
...	54·289	−59·847	− 1	46.2548	10·2
...	54·270	− 8·106	− 5	E	...
...	54·170	− 8·378	− 5	E	...
...	−54·003	−32·464	0·70	46.2550	10·2
*	53·954	+18·273	0·95	45.2546	9·8
...	53·830	+23·197	− 4	E	...
...	53·704	+47·807	− 5	E	...
...	53·388	−42·766	− 3	...	...

61-90					
61					
‡	−53′·318	−35′·034	1·30	46°.2551	9·6
*	53·314	−29·493	1·70	46.2552	9·0
...	53·264	−20·923	− 4	E	...
...	53·219	+ 5·458	− 4	E	...
...	53·173	+58·987	− 4	E	...
*	−52·801	+ 8·210	1·10	45.2547	9·6
*	52·768	+56·446	1·10	44.2653	9·9
*	52·563	+32·801	1·10	45.2548	9·7
...	52·536	−48·252	− 4	...	...
...	52·485	+33·627	− 4	E	...
71					
...	−52·483	+57·314	− 3	E	...
...	52·479	+23·957	0·70	...	...
...	52·067	+ 7·931	− 2	...	...
...	52·025	−25·454	0·85	46.2553	10·2
...	52·001	+47·854	− 4	E	...
...	−51·987	−43·210	− 4	...	...
...	51·919	− 3·150	− 4	E	...
...	51·866	−39·879	− 5	E	...
*	51·794	+46·857	1·05	45.2550	9·8
...	51·785	+26·474	− 3	E	...
81					
...	−51·784	−37·188	− 2	E	...
*	51·623	+39·483	1·40	45.2549	9·5
...	51·576	−17·543	− 5	E	...
*	51·541	−15·283	1·10	46.2554	9·8
...	51·478	−46·144	− 2	...	...
...	−51·421	−13·746	− 3	...	...
...	51·349	−56·969	− 5	E	...
*	51·226	+ 7·555	1·40	45.2551	9·2
...	51·176	+11·239	− 5	E	...
...	51·171	−16·805	− 5	E	...

ES measured from 1, 103, 230, 353, 462, 568, 662, 761, 856, 984, 1121. 1296.
C ,, ,, 44.
MC ,, ,, 159, 293, 411, 514, 610, 706, 807, 919, 1054, 1205, 1360.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
91-150					
91					
...	−51·076	−17·510	0·90	46.2555	10·2
...	51·010	+57·055	− 5	E	...
...	50·963	+18·367	0·95	45.2553	10·0
...	50·871	+13·404	0·80	45.2552	10·0
...	50·782	−36·265	− 4	E	...
...	−50·730	− 4·008	− 4	E	...
...	50·702	− 1·822	− 5	M	...
...	50·619	− 6·219	0·65	...	...
...	50·487	−55·811	− 2	...	...
...	50·400	+26·526	− 5	M	...
101					
*	−50·211	+ 8·161	1·00	45.2554	9·8
...	50·155	+47·270	0·85	...	...
†	50·026	−23·106	− 2	...	...
†	50·025	−23·216	− 4	E	...
...	49·901	−56·005	− 2	E	...
...	−49·896	−47·470	0·80	46.2556	10·2
...	49·891	+36·051	− 5	E	...
S *	49·583	−37·734	2.95	46.2557	8.2
...	49·560	−17·352	− 5	E	...
...	49·558	−23·204	− 4	E	...
111					
...	−49·516	−48·883	− 5	E	...
...	49·283	−34·138	− 2	...	...
*	49·231	− 3·610	1.25	45.2555	9·4
*	49·144	+46·641	2·00	45.2556	8·8
...	48·964	+ 2·829	− 5	E	...
...	−48·726	−45·923	0·95	46.2558	9·8
*	48·719	+40·643	1·80	45.2557	9·2
...	48·640	+ 5·540	− 5	E	...
...	48·584	− 0·411	− 4	E	...
...	48·557	+22·724	− 4	E	...
121					
...	−48·495	− 9·699	− 2	...	...
*	48·391	−35·821	1·25	46.2559	9·7
...	48·335	+14·467	− 4	E	...
...	48·266	+ 2·444	− 5	E	...
...	48·239	−53·595	− 4	E	...
...	−48·145	+12·704	− 3	E	...
*	48·108	−31·999	1·20	46.2560	9·6
*	48·085	−37·652	2·00	46.2561	9·2
...	48·065	−55·674	− 5	E	...
...	47·958	+43·805	0·95	45.2558	10·0
131					
...	−47·786	+ 1·631	− 5	E	...
...	47·693	+23·431	− 5	E	...
...	47·621	+12·586	− 3	E	...
...	47·591	−35·720	− 4	E	...
...	47·563	+37·327	− 5	E	...
...	−47·477	−41·087	− 5	E	...
S *	47·417	+35·558	1·90	45.2559	8·8
*	47·336	−35·495	1·05	46.2562	9·7
...	47·103	−25·205	− 5	E	...
*	46·940	+24·382	0·95	45.2560	9·8
141					
...	−46·751	+38·068	0·75	...	...
...	46·722	+ 3·381	− 5	E	...
...	46·671	+45·029	0·80	45.2561	10·0
...	46·538	−22·956	0·80	46.2563	10·0
...	46·465	+39·116	− 4	E	...
...	−46·464	−24·728	− 2	...	...
...	46·367	−40·197	− 2	...	...
...	46·331	−29·198	− 5	E	...
...	46·319	+ 0·798	− 5	E	...
...	46·142	−13·989	− 4	E	...
151-210					
151					
...	−46·137	−55·348	− 3	E	...
...	46·023	+27·209	− 5	E	...
...	45·835	−19·124	− 2	...	...
*	45·746	+ 4·344	0·95	45.2562	9·8
...	45·692	+26·592	− 5	E	...
...	−45·657	−23·586	− 5	...	...
...	45·600	+45·384	0·65	...	...
*	45·280	+30·175	1·00	45.2563	9·9
†	45·051	+31·523	0·75	45.2564	10·2
...	44·939	− 7·453	− 4	E	...
161					
...	−44·843	+20·193	0·80	45.2565	10·2
...	44·806	−43·237	− 3	...	...
...	44·776	+ 3·814	0·80	...	...
*	44·681	+58·959	1·00	44.2662	9·8
*	44·673	+49·117	1·00	45.2566	9·6
...	−44·664	+ 0·007	− 1	...	...
...	44·621	+45·320	− 5	M	...
...	44·537	−26·976	− 5	E	...
*	44·535	−26·587	1·30	46.2564	9·4
...	44·422	+26·989	− 2	B	...
171					
*	−44·365	+46·286	3·00	45.2567	7·8
...	44·329	+ 3·284	− 2	...	...
...	44·275	− 6·443	− 2	...	...
...	44·155	+ 2·104	− 5	M	...
*	43·860	−49·216	0·95	46.2565	9·8
...	−43·859	−19·041	− 1	...	...
...	43·781	+42·004	− 4	M	...
...	43·757	+51·530	− 1	...	...
*	43·735	+32·433	0·95	45.2568	9·8
†	43·722	−29·990	− 3	...	...
181					
...	−43·450	−38·996	− 4	M	...
...	43·431	−26·058	0·65	...	...
...	43·413	−17·993	0·75	46.2567	10·2
...	43·389	−55·060	− 4	...	...
...	43·334	+35·365	− 1	...	...
*	−43·293	−53·431	1·00	46.2566	9·9
...	43·216	−43·638	− 3	...	...
...	43·043	+40·100	− 5	M	...
...	43·015	+ 9·588	− 4	M	...
...	42·985	− 5·537	− 1	...	...
191					
...	−42·935	−56·082	− 5	E	...
...	42·744	+23·412	− 5	M	...
...	42·743	−22·757	− 4	M	...
...	42·698	−30·177	− 4	...	...
...	42·588	−54·329	− 2	...	...
*	−42·521	−29·318	0·90	46.2568	10·0
*	42·467	+51·890	2·00	45.2569	8·8
...	42·363	−59·191	− 5	M	...
...	42·248	−24·458	− 1	...	...
*	42·176	−19·218	0·95	46.2570	9·8
201					
...	−42·008	− 9·408	− 1	46.2571	10·0
*	41·982	−51·849	1·00	46.2569	9·9
...	41·945	+18·835	− 1	...	...
...	41·713	+16·574	− 5	M	...
...	41·646	+ 2·776	− 4	M	...
...	−41·626	−49·611	− 3	...	...
...	41·564	+12·091	− 1	...	...
...	41·466	−48·450	− 4	M	...
...	41·336	−32·477	− 5	M	...
...	41·277	−43·352	0·90	46.2572	10·2
211-270					
211					
...	−41·129	−37·829	− 5	M	...
...	41·127	+44·115	− 5	M	...
...	41·086	−33·669	− 4	M	...
†	41·084	+49·726	− 2	A	...
...	41·034	−59·302	− 4	...	...
...	−40·900	−16·262	− 4	M	...
...	40·859	−26·561	− 5	M	...
...	40·766	+15·677	− 2	...	...
...	40·659	−40·623	− 2	...	...
*	40·572	+58·770	1·20	44.2669	9·6
221					
...	−40·470	−35·493	− 3	...	...
...	40·453	+53·664	− 4	M	...
...	40·320	−32·760	− 4	M	...
...	40·306	−54·507	− 4	M	...
...	40·238	− 8·760	− 4	M	...
*	−40·167	−32·156	0·85	46.2573	10·0
†	40·152	+25·266	− 2	...	...
†	40·113	+14·757	− 4	M	...
‡	40·062	−33·801	1·80	46.2574	8·8
‡	40·024	+46·696	1·90	45.2570	9·2
231					
...	−39·973	+35·586	− 5	M	...
*	39·953	−22·988	1·00	46.2575	9·8
...	39·790	−56·684	− 3	...	...
...	39·762	−28·184	− 3	...	...
...	39·750	−53·874	− 5	M	...
*	−39·679	−23·697	0·95	46.2577	9·8
*	39·651	−58·550	1·10	46.2576	9·9
...	39·410	+42·512	− 5	M	...
...	39·403	−22·930	− 3	...	...
†	39·265	+54·756	− 3	B	...
241					
...	−39·214	+59·484	− 4	M	...
†	39·086	−20·016	− 3	...	...
...	39·028	+24·625	0·65	45.2571	10·2
*	39·007	−26·116	1·10	46.2578	9·8
...	38·849	−34·441	− 4	M	...
*	−38·838	+56·661	1·25	44.2674	9·8
...	38·769	+18·722	− 3	M	...
...	38·690	−34·325	− 2	...	...
...	38·554	+ 0·045	0·75	...	...
...	38·524	−35·696	− 5	M	...
251					
...	−38·386	+16·161	− 3	...	...
...	38·381	+10·872	− 5	M	...
...	38·361	+33·343	− 2	B	...
...	38·261	−47·558	− 2	A	...
*	38·116	+ 8·121	1·20	45.2572	9·6
...	−38·030	+ 1·538	0·75	45.2573	9·9
...	38·011	+32·879	0·75	45.2574	10·2
...	37·844	−52·650	− 5	M	...
*	37·844	−58·843	1·00	46.2579	10·0
...	37·716	−50·729	− 4	M	...
261					
...	−37·523	+52·970	− 3	A	...
*	37·434	+25·608	1·60	45.2575	9·2
...	37·336	−33·574	− 3	...	...
...	37·315	+44·720	− 2	A	...
...	37·259	+58·744	− 5	M	...
...	−37·210	− 6·880	− 2	...	...
...	37·160	−42·782	− 5	M	...
...	36·818	−20·237	− 3	...	...
...	36·815	− 8·458	0·75	46.2581	10·2
...	36·781	+59·594	0·75	A	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. -2.	C.P.D. No.	C.P.D. Mag.
271-330					
271					
†	−36′·748	−55′·594	1·20	46°.2580	9·8
SF‡	36·533	− 0·003	5·80	45.2576	6·6
N [	36·418	−59·847	0·75	46.2582	10·2
...	36·404	+13·171	− 5	M	...
...	36·396	−15·456	− 5	M	...
...	−36·324	+18·432	− 5	M	...
...	36·306	+39·596	− 2	B	...
...	36·110	−26·019	0·65	...	...
...	36·091	− 7·877	− 5	M	...
*	36·962	+ 7·982	1·10	45.2577	9·6
281					
...	−35·889	+19·547	− 5	M	...
...	35·870	+34·941	− 5	M	...
...	35·655	− 2·840	− 4	M	...
...	35·600	−33·315	− 5	M	...
...	35·436	+12·847	− 5	M	...
*	−35·362	+31·255	1·90	45.2578	8·8
...	35·318	−36·508	− 3	A	...
...	35·274	−15·428	− 2	...	...
...	35·272	+50·155	− 3	B	...
...	35·248	−42·177	0·80	46.2583	10·2
291					
*	−35·199	+32·600	1·15	45.2579	9·6
†	35·149	+37·559	− 2	A	...
*	34·884	−39·837	1·80	46.2584	9·0
...	34·864	−57·513	− 5	M	...
*	34·741	+16·125	1·50	45.2580	9·2
...	−34·704	−10·709	− 5	M	...
...	34·584	+34·054	− 2	A	...
...	34·488	+38·462	− 4	M	...
N	34·423	+36·831	− 4	M	...
...	34·423	+37·354	− 3	B	...
301					
...	−34·307	−45·326	0·80	46.2585	10·2
*	34·247	−21·427	0·85	46.2588	10·2
...	34·238	−28·095	0·75	46.2587	10·2
*	34·228	+16·516	1·00	45.2581	9·6
...	34·227	−56·109	− 4	...	...
*	−34·113	−55·084	0·90	46.2586	9·8
...	34·112	+57·789	− 3	B	...
...	34·066	−56·999	− 4	M	...
...	33·850	−25·418	− 5	M	...
...	33·793	− 6·078	− 3	A	...
311					
...	−33·736	+ 7·335	0·80	45.2582	10·0
...	33·325	−27·331	− 4	M	...
*	33·226	−11·971	1·20	46.2589	9·6
...	33·152	+34·417	− 2	A	...
...	33·094	+26·930	− 5	M	...
...	−32·838	−42·715	0·75	46.2590	10·2
*	32·793	−11·043	1·00	46.2591	9·7
...	32·653	−44·678	− 3	...	...
...	32·508	+ 6·536	0·85	45.2583	10·0
...	32·504	+59·195	− 4	M	...
321					
...	−32·455	−36·734	0·65	46.2592	10·2
...	32·396	−41·077	− 5	M	...
...	32·378	− 4·501	− 5	M	...
*	32·374	+ 3·377	1·20	45.2584	9·6
...	32·197	− 9·845	− 4	M	...
*	−32·170	−53·700	1·00	46.2593	9·6
...	32·081	−24·017	− 4	...	...
...	31·929	+ 0·719	− 3	...	...
...	31·910	+ 2·127	− 3	M	...
†	31·888	+19·866	− 5	M	...
331-390					
331					
...	−31′·708	−19′·064	0·80	46°.2595	10·2
...	31·706	+43·435	− 4	M	...
...	31·689	+ 6·488	− 3	M	...
*	31·665	−20·837	1·00	46.2594	9·8
...	31·561	−42·659	− 5	M	...
...	−31·272	+37·712	0·65	...	...
...	31·272	−19·553	0·80	46.2596	10·2
...	31·224	−34·937	− 5	M	...
...	31·067	−38·704	− 2	...	...
...	31·055	−48·657	− 4	M	...
341					
...	−30·945	−42·586	− 4	M	...
...	30·737	+ 8·031	− 5	M	...
...	30·628	−38·044	− 4	M	...
...	30·581	− 7·909	− 3	M	...
...	30·574	−46·130	− 5	M	...
...	−30·516	−34·515	− 4	...	...
...	30·503	+ 2·562	− 3	...	...
...	30·456	+19·244	− 1	...	...
...	30·382	+40·999	− 4	M	...
...	30·319	+ 0·270	− 5	M	...
351					
...	−30·198	−45·718	− 4	M	...
†	30·149	− 6·127	− 1	46.2597	10·2
...	29·941	+32·504	− 4	M	...
...	29·847	−15·699	0·70	46.2598	10·0
...	29·798	−46·143	− 4	M	...
...	−29·779	+15·342	0·75	45.2585	10·2
n	29·678	+ 1·496	0·75	45.2586	9·0
...	29·582	−19·404	− 4	...	...
*n**	29·501	+ 1·311	1·60	45.2586	9·0
...	29·454	−13·409	− 5	M	...
361					
...	−29·383	− 6·876	− 5	M	...
...	29·331	+40·638	− 5	M	...
...	29·322	−52·902	− 3	...	...
...	29·117	+33·495	− 3	...	...
...	29·089	−56·617	− 5	M	...
*	−29·010	−40·726	1·80	46.2600	9·0
...	29·008	+20·477	− 2	...	...
...	29·008	+40·758	0·80	...	...
...	28·856	+ 4·322	− 5	M	...
...	28·817	−44·473	− 5	M	...
371					
...	−28·700	−34·394	− 5	M	...
...	28·679	−56·128	− 5	M	...
...	28·615	−51·228	− 5	M	...
...	28·437	+28·776	− 5	M	...
...	28·381	−32·592	0·85	46.2601	9·8
†	−28·170	+24·847	− 2	...	...
...	28·098	−51·348	0·65	...	...
...	27·962	−32·972	− 5	M	...
...	27·852	−42·067	− 2	...	...
...	27·712	+50·780	0·70	...	...
381					
...	−27·665	−25·904	− 3	...	...
*	27·546	+24·508	− 5	M	...
*	27·271	+14·330	1·30	45.2588	9·4
*	27·261	+27·600	1·80	45.2587	9·1
*	27·238	−46·970	1·20	46.2603	9·6
...	−27·065	−33·232	0·80	46.2604	10·0
...	27·006	+33·693	− 5	M	...
*	26·839	+52·901	1·15	45.2589	9·6
...	26·717	−55·523	− 3	...	...
*	26·686	−54·403	1·10	46.2605	9·8
391-450					
391					
...	−26′·644	+53′·495	− 2	°A	...
...	26·494	+ 8·826	− 5	M	...
...	26·486	−16·720	− 5	M	...
...	26·457	−11·651	− 5	M	...
*	26·433	+42·987	0·95	45.2590	10·0
...	−26·372	−16·822	− 2	46.2607	10·2
...	26·335	−30·772	− 2	...	...
*	26·289	−47·779	1·10	46.2606	9·8
...	26·279	−57·431	− 5	M	...
...	26·219	+28·520	− 4	M	...
401					
...	−25·904	−49·609	0·70	46.2608	10·2
...	25·835	+35·912	− 4	M	...
...	25·832	+45·486	− 5	M	...
...	25·766	−42·986	0·80	46.2609	10·2
...	25·689	−41·282	− 2	...	...
...	−25·668	+36·294	− 5	M	...
...	25·648	−52·084	− 5	M	...
...	25·623	− 2·727	− 2	45.2591	10·2
...	25·400	−20·722	− 5	M	...
...	25·192	−55·639	− 2	...	...
411					
...	−25·029	+ 0·773	− 3	M	...
*	24·986	+11·255	1·00	45.2592	9·7
...	24·820	−48·670	− 3	...	...
...	24·648	+10·068	− 4	M	...
...	24·481	−55·856	− 4	M	...
...	−24·477	+ 3·362	− 2	...	...
*	24·319	−42·271	0·90	46.2610	10·0
...	24·271	−43·397	− 5	M	...
...	24·126	+38·676	− 4	M	...
...	24·020	+10·209	0·80	45.2593	10·0
421					
...	−23·959	+47·589	−3	M	...
...	23·615	+14·593	−2	...	...
*	23·514	−59·662	1·50	46.2612	9·3½
...	23·369	−47·197	− 3	...	...
...	23·334	+26·362	− 5	M	...
...	−23·235	−43·512	− 5	M	...
...	23·005	−10·250	− 4	...	...
...	22·978	−55·906	− 3	A	...
...	22·796	+19·597	− 3	45.2594	10·2
...	22·705	+48·234	− 3	M	...
431					
*	−22·637	+19·327	1·00	45.2595	9·7
...	22·543	+11·187	0·90	46.2596	10·0
...	22·439	−37·043	−3	...	...
*	22·427	+18·847	1·10	45.2597	9·7
...	22·155	+42·689	− 3	M	...
...	−22·072	+48·471	− 3	M	...
...	21·942	−37·030	− 5	M	...
...	21·915	−58·667	0·75	46.2614	10·2
...	21·852	−33·722	− 4	...	...
...	21·811	+ 2·653	− 3	M	...
441					
...	−21·679	− 3·017	− 3	...	...
...	21·644	−11·419	− 2	...	...
...	21·629	+50·173	− 5	M	...
...	21·611	−15·927	− 4	...	...
...	21·603	− 9·544	− 4	...	...
...	−21·470	−27·393	− 2	...	...
...	21·458	− 8·116	0·90	46.2615	10·0
...	21·372	−19·890	− 3	...	...
...	21·364	−37·840	− 3	...	...
...	21·160	−34·388	− 1	46.2616	10·2

273. Mass, 47°. 51, brighter star.
299. Obscures 2nd image of 300.
357, 359. C.P.D., probably mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. -2.	C.P.D. No.	C.P.D. Mag.
451-510					
451					
‡	−21′157	+34′787	1·20	45.2598	9·5
...	20·977	−48·919	− 3	...	...
...	20·933	+37·218	− 5	M	...
...	20·911	+25·439	− 2	...	...
...	20·762	+52·478	− 5	M	...
*	−20·626	+49·291	2·00	45.2600	8·9
...	20·589	− 4·177	0·80	45.2599	10·0
*	20·468	−10·845	2·00	46.2617	9·2
*	20·291	+37·099	1·00	45.2601	9·6
*	20·282	+28·607	1·70	45.2602	9·0
461					
...	−20·226	+13·809	− 4	M	...
...	19·941	−45·118	0·75	46.2619	10·0
...	19·850	− 3·157	− 5	...	...
...	19·813	−33·813	− 3	...	...
...	19·770	+32·475	− 5	M	...
...	−19·715	+45·268	− 5	M	...
...	19·594	−47·684	− 2	...	...
...	19·560	+42·394	− 4	M	...
...	19·553	−32·861	− 3	...	...
...	19·439	+12·614	− 3	M	...
471					
...	−19·352	+21·240	− 5	M	...
...	19·225	−48·862	− 2	...	...
...	19·158	−28·468	− 5	M	...
...	19·044	−51·658	0·65	...	...
...	18·980	+ 3·175	− 2	...	...
...	−18·906	−28·222	− 4	...	...
...	18·819	+24·521	0·65	45.2603	10·0
...	18·809	−47·456	− 5	M	...
...	18·785	+41·399	0·80	45.2604	10·0
...	18·652	−37·343	− 3	...	...
481					
*	−18·618	+47·703	1·35	45.2605	9·4
...	18·572	− 0·832	0·70	45.2606	10·2
*	18·556	+48·243	0·95	45.2607	9·8
... [	18·522	−34·720	0·75	46.2620	9·8
... [	18·493	−34·691	0·85		
...	−18·307	−26·674	− 3	...	...
*	18·256	−40·107	1·00	46.2621	9·8
	18·078	−25·471	0·70	...	...
*	17·920	+33·198	4·00	45.2608	7·7
...	17·778	−51·664	− 2	...	...
491					
*	−17·757	− 7·959	1·10	46.2622	9·8
...	17·675	− 9·517	− 4	M	...
...	17·548	+31·410	− 3	...	...
...	17·471	+37·272	− 4	M	...
...	17·327	−48·367	0·65	...	...
...	−17·019	−34·853	0·70	46.2623	10·2
...	16·987	+54·872	0·85	45.2609	10·0
...	16·885	−15·839	− 1	...	...
...	16·832	+41·938	0·70	...	...
...	16·827	−48·714	− 3	...	...
501					
...	−16·744	−10·562	− 5	M	...
...	16·731	+ 2·493	− 4	...	...
†	16·590	+24·837	− 3	...	...
...	16·509	+47·790	− 5	M	...
...	16·380	+ 4·736	− 3	...	...
...	−16·242	− 4·429	− 5	M	...
S *	16·134	+12·696	2·65	45.2611	8·3
*	16·102	+ 3·623	1·00	45.2610	9·8
...	16·040	+14·005	− 5	M	...
S *	16·003	−54·159	4·00	46.2624	7·4
511-570					
511					
...	−15′944	+38′952	− 4	M	...
*	15·284	−38·304	1·20	46.2625	9·7
†	15·127	−49·823	− 4	M	...
†	15·020	−54·250	− 1	...	...
...	15·014	+ 0·314	0·80	45.2612	10·2
...	−14·920	+50·169	− 2	A	...
...	14·816	+56·341	0·80	44.2715	10·2
†	14·811	+49·850	− 1	...	...
...	14·763	−59·142	− 3	...	...
...	14·550	+27·701	− 3	A	...
521					
...	−14·511	−14·103	0·85	46.2626	9·8
...	14·472	−10·991	− 5	M	...
*	14·431	−52·076	0·95	46.2627	9·8
...	14·157	+58·213	− 4	M	...
*	14·121	− 8·679	1·20	46.2628	9·4
...	−14·027	+40·082	− 3	A	...
...	13·851	+35·025	− 5	M	...
...	13·820	+ 6·907	0·75	45.2613	10·0
...	13·733	−13·203	0·80	46.2629	10·0
...	13·655	+ 4·729	0·75	45.2614	10·2
531					
...	−13·589	+35·228	0·75	45.2615	10·0
...	13·441	−59·072	− 4	...	...
...	13·435	+36·325	− 5	M	...
...	13·336	+51·301	− 1	...	...
...	13·290	+30·501	− 5	M	...
...	−13·237	+14·171	− 5	M	...
...	13·154	− 0·414	0·90	45.2616	10·0
...	13·088	+38·196	0·65	...	...
*	13·042	+11·936	1·40	45.2617	9·2
...	13·036	−36·903	− 4	...	...
541					
...	−13·031	−59·083	− 5	M	...
...	13·010	−46·615	− 5	M	...
...	12·977	+59·554	− 4	M	...
...	12·874	−12·730	0·65	46.3630	10·2
...	12·791	−28·876	− 2	...	...
...	−12·696	+13·784	− 2	...	...
...	12·622	− 0·893	− 2	...	...
*	12·617	− 7·260	1·20	46.2631	9·5
*	12·165	−59·310	1·80	46.2632	8·8
*	12·005	−43·148	0·90	46.2633	9·9
551					
*	−11·833	+56·251	1·50	44.2717	9·2
...	11·818	+18·897	− 3	...	...
...	11·732	+31·168	− 1	...	...
...	11·631	+11·622	− 4	...	...
*	11·612	−12·415	1·00	46.2634	9·8
...	−11·557	−38·956	− 3	...	...
...	11·557	−41·571	0·80	46.2635	10·0
...	11·508	+26·214	− 4	M	...
...	11·370	+53·613	− 3	A	...
...	11·254	−12·156	− 3	...	...
561					
†	−11·221	−10·075	− 2	46.2636	10·0
...	11·015	+ 9·526	− 5	...	...
...	10·624	+40·289	− 1	...	...
*	10·378	−12·112	0·95	46.2637	9·8
...	10·328	+ 2·444	0·90	45.2618	9·8
‡	−10·195	+18·561	2·50	45.2619	8·4
†	10·187	− 7·613	− 2	...	...
...	10·012	−33·298	− 5	M	...
...	9·972	−10·957	0·65	...	...
...	9·964	+10·150	0·80	45.2620	10·0
571-630					
571					
*	− 9′768	+33′291	2·60	45.2621	8·3
...	− 9·608	−12·440	− 3	...	...
...	9·562	+39·219	− 5	M	...
...	9·244	+31·062	− 3	...	...
...	9·136	−58·893	− 4	...	...
...	− 8·880	−15·541	0·95	46.2638	10·0
...	8·857	−25·491	− 5	...	...
...	8·672	−40·608	0·65	...	...
...	8·584	−32·448	− 2	...	...
*	8·424	−15·180	1·50	46.2639	9·4
581					
...	− 8·166	+53·921	− 2	...	...
...	7·861	−52·583	0·75	46.2641	10·2
...	7·647	−45·847	0·70	46.2642	10·2
*	7·598	+19·154	1·25	45.2622	9·5
*	7·417	−11·210	1·00	46.2643	9·8
...	− 7·348	+13·878	− 5	M	...
...	7·288	+43·324	− 3	...	...
...	7·030	−25·676	− 2	...	...
...	7·023	+44·722	− 4	M	...
...	7·014	−43·746	− 2	...	...
591					
*	− 6·941	+47·394	0·95	45.2623	9·8
...	6·862	−12·241	− 2	...	...
...	6·861	−58·830	− 4	...	...
*	6·714	− 7·859	1·00	46.2644	9·8
...	6·663	−56·730	− 3	...	...
...	− 6·593	+52·785	0·70	...	...
...	6·562	− 5·868	− 2	46.2645	10·2
...	6·532	−53·651	− 5	M	...
...	6·281	−29·388	− 4	...	...
*	6·150	+42·917	0·90	45.2624	9·8
601					
...	− 6·071	−29·150	− 5	M *m*	...
*	5·820	−42·081	3·90	46.2646	8·0
...	5·576	+29·951	− 5	M	...
...	5·484	−43·317	0·80	46.2647	9·9
*	5·464	+42·222	2·00	45.2625	8·8
...	− 5·444	−11·901	− 3	...	...
...	5·378	+11·516	− 5	M	...
*	5·368	− 3·233	1·10	45.2626	9·6
‡	5·210	− 2·648	1·00	45.2627	9·8
†	5·140	−10·640	− 2	...	...
611					
†	− 5·134	− 3·466	− 4	M *m*	...
†	5·102	−14·625	− 5	M *m*	...
...	5·068	+16·354	− 5	M	...
...	5·045	−55·187	− 4	...	...
...	4·913	−37·162	0·80	46.2648	10·0
*	− 4·576	+12·802	1·20	45.2628	9·6
...	4·503	−41·536	− 5	M *m*	...
...	4·250	−47·814	− 2	...	...
...	4·209	+ 4·402	− 2	...	...
...	4·113	+18·626	− 4	M	...
621					
...	− 3·889	−43·424	− 4	...	...
*n**	3·383	+34·999	1·00	45.2631	7·1
...	3·365	−57·379	− 5	M	...
*	3·329	−40·706	1·00	46.2649	9·6
...	3·313	−55·535	− 5	M	...
...	− 3·301	−49·674	− 5	M *m*	...
...	3·272	− 3·784	− 2	45.2630	10·2
*	3·254	+41·354	1·40	45.2629	9·4
...	3·236	− 9·346	− 5	M *m*	...
S *n**	3·109	+35·302	4·55	45.2631	7·1

622. 630: C.P.D., probably mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
631-690					
631					
...	− 3·057	+11·230	− 5	M	...
...	3·018	+50·569	− 1	...	...
...	3·006	−52·798	− 4	M	...
...	2·923	−47·395	− 2	...	...
...	2·787	−23·861	− 4	M	...
*	− 2·773	+ 8·152	0·95	45.2632	9·8
...	2·746	−45·918	− 1	...	...
...	2·583	+51·702	− 2	M	...
...	2·569	−40·159	− 4	...	...
*	2·476	−14·649	0·95	46.2651	9·8
641					
S *	− 2·476	−19·576	1·30	46.2650	9·4
...	2·308	−56·438	− 1	...	...
...	2·261	+37·125	0·70	45.2633	10·0
...	2·215	+ 4·690	− 4	M	...
...	2·055	−42·699	− 3	...	...
*	− 2·004	−37·632	1·20	46.2652	9·6
...	1·877	+55·665	− 5	M	...
*	1·775	− 6·805	2·00	46.2653	8·8
*	1·748	+42·975	0·95	45.2634	9·8
...	1·430	−29·350	0·80	...	...
651					
...	− 1·382	−54·314	− 4	M	...
...	1·155	+12·546	− 5	M	...
...	1·106	− 2·170	− 2	M	...
...	0·960	+ 7·094	− 4	M	...
...	0·830	− 8·738	0·90	46.2655	9·8
...	− 0·754	+38·404	0·65	45.2635	10·2
...	0·729	+45·930	− 3	...	...
...	0·679	−40·212	− 5	M	...
...	0·607	+ 6·684	− 4	...	...
...	0·451	+22·350	0·70	45.2637	10·2
661					
*	− 0·356	+47·232	1·10	45.2636	9·5
...	0·082	−27·506	− 3	...	...
...	0·068	+59·386	− 3	...	...
...	− 0·058	−51·516	− 5	M	...
...	+ 0·013	−56·564	− 4	M	...
...	+ 0·130	+44·711	0·65	...	...
*	0·764	− 2·900	1·15	45.2638	9·8
...	1·237	−15·837	− 5	M	...
...	1·261	+36·809	− 4	...	...
...	1·300	+38·368	− 5	M	...
671					
...	+ 1·329	+ 2·804	− 4	M	...
*	1·356	−41·881	1·30	46.2656	9·4
...	1·402	−35·220	0·70	46.2657	10·2
*	1·591	+29·771	0·95	45.2639	9·9
...	1·658	+52·574	− 4	M	...
...	+ 1·737	− 6·242	− 5	M m	...
...	2·121	−58·601	0·90	46.2658	10·0
...	2·212	−49·290	− 5	M	...
...	2·369	+32·784	− 5	M	...
*	2·382	+ 5·663	2·90	45.2641	8·0
681					
*	+ 2·407	+46·344	1·05	45.2640	9·8
...	2·535	+47·881	− 5	M	...
...	2·567	+53·800	− 3	M	...
...	2·578	− 6·423	− 5	M m	...
...	2·600	−20·219	− 3	...	...
*	+ 2·601	−37·691	3·80	46.2659	7·8
*	2·825	+50·260	1·15	45.2642	9·6
*	2·870	+34·028	1·40	45.2643	9·2
...	2·884	−34·168	− 2	46.2660	10·2
*	3·112	− 9·227	1·15	46.2661	9·6
691-750					
691					
...	+ 3·180	+11·935	− 4	M	...
*	3·404	−19·902	1·50	46.2662	9·2
...	3·433	−50·895	− 4	...	...
...	3·613	−32·033	− 2	...	...
*	3·844	−36·925	1·05	46.2663	9·7
...	+ 3·946	−31·252	− 4	...	...
...	4·010	−28·376	− 5	M	...
†	4·012	−44·978	− 5	M	...
*	4·016	− 8·272	1·40	46.2664	9·4
...	4·122	+56·184	0·85	44.2745	10·0
701					
*	+ 4·244	+ 1·312	1·05	45.2645	9·7
...	4·350	+33·419	0·90	45.2644	9·9
*	4·413	+17·767	1·05	45.2646	9·7
...	4·686	−55·847	− 5	M	...
...	4·735	−53·307	− 3	...	...
...	+ 4·979	−59·333	− 2	...	...
...	5·006	−36·669	− 1	...	...
...	5·138	+41·424	0·75	45.2647	10·0
...	5·191	−43·444	− 2	...	...
*	5·193	+56·686	1·90	44.2747	8·8
711					
...	+ 5·215	−32·684	− 4	M m	...
...	5·276	+ 4·661	− 2	M	...
...	5·371	+31·932	0·70	45.2648	10·2
*	5·496	−47·302	1·20	46.2666	9·6
...	5·617	−21·028	− 3	...	...
...	+ 5·965	+31·769	− 4	M	...
...	6·047	−11·475	− 4	M	...
*	6·056	+ 6·886	1·70	45.2649	8·8
...	6·224	+27·654	− 5	M	...
...	6·373	+40·498	− 2	...	...
721					
*	+ 6·508	+10·039	1·40	45.2651	9·2
...	6·574	−49·216	− 2	...	...
...	6·645	−55·810	− 5	M m	...
*	6·656	+44·940	1·10	45.2650	9·5
*	6·664	−44·257	0·85	46.2667	10·0
...	+ 6·737	+ 5·967	− 4	M	...
*	6·761	−40·854	1·10	46.2668	9·6
...	7·083	−57·017	− 1	...	...
...	7·235	−45·720	− 5	M	...
...	7·298	+37·800	− 4	...	...
731					
...	+ 7·458	+47·579	− 2	...	...
...	7·515	+42·369	0·65	...	...
‡	7·584	+44·798	1·10	45.2652	9·4
...	7·635	−33·513	− 4	M	...
†	7·701	+44·878	− 3	...	...
...	+ 7·819	−57·279	− 1	...	...
...	7·928	−45·107	0·65	46.2669	10·2
...	7·958	−51·737	− 5	M	...
...	8·136	+ 5·474	− 5	...	...
*	8·379	+42·609	1·70	45.2653	9·0
741					
...	+ 8·527	−27·262	− 4	...	...
*	8·566	−35·076	1·60	46.2671	9·2
...	8·707	−51·751	− 5	...	...
*	8·902	−20·512	1·00	46.2673	9·8
*	8·917	+42·422	3·20	45.2654	7·9
...	+ 8·942	−32·324	− 4	...	...
N *	8·961	−11·766	1·60	46.2672	9·2
...	8·969	−35·664	− 5	...	...
...	8·980	−19·778	− 4	...	...
...	9·044	−56·025	− 4	...	...
751-810					
751					
...	+ 9·067	−36·066	− 5	...	...
*	9·081	+ 5·609	1·20	45.2655	9·4
*	9·314	−46·610	1·00	46.2674	9·7
...	9·400	+27·139	− 1	45.2656	10·2
...	9·443	−18·589	− 4	...	...
...	+ 9·536	+56·895	− 5	...	...
...	9·544	+24·803	0·75	45.2658	10·0
...	9·650	+41·390	0·80	45.2657	9·9
†	9·716	+20·445	− 1	45.2659	10·2
‡	9·789	+31·641	1·50	46.2675	9·3
761					
†	+ 9·799	+29·225	0·70	45.2660	10·0
†	9·874	−53·591	− 4	...	...
...	10·053	−50·478	− 5	...	...
* [	10·088	+35·975	1·20	45.2661	9·6
*	10·109	−28·461	1·50	46.2676	9·2
*	+10·254	−25·051	0·95	46.2678	9·8
...	10·421	−39·700	− 4	...	...
...	10·566	+31·443	− 3	...	...
...	10·582	−40·099	− 2	...	...
...	10·687	− 7·489	− 4	...	...
771					
...	+10·743	+49·147	− 2	...	...
*	10·817	+47·685	1·30	45.2662	9·3
*	10·901	−34·202	1·05	46.2679	9·6
...	11·498	+ 6·892	0·65	...	...
†	11·563	+29·848	− 5	...	...
*	+11·760	−40·768	1·60	46.2680	8·8
...	11·820	+43·345	0·85	45.2663	9·9
*	11·893	+16·634	1·40	45.2664	9·2
...	12·130	+55·515	− 5	m	...
*	12·304	−46·965	2·20	46.2681	8·4
781					
...	+12·305	−39·626	− 5	...	...
...	12·501	−30·256	− 2	...	...
*	12·503	−35·993	1·10	46.2682	9·6
*	12·504	−47·934	1·00	46.2683	9·6
...	12·535	+35·603	− 5	m	...
*	+12·788	+49·108	1·15	45.2665	9·4
...	12·941	−26·019	− 5	...	...
...	12·991	+41·430	− 3	...	...
...	13·006	−45·289	− 3	...	...
...	13·095	−55·146	− 3	...	...
791					
*	+13·319	−22·473	1·10	46.2684	9·8
...	13·449	+42·207	0·65	...	...
...	13·493	−45·325	− 3	...	...
*	13·865	+37·436	1·20	45.2666	9·2
...	13·916	+56·959	− 4	...	...
...	+13·926	+22·531	− 5	...	...
*	13·962	−45·790	1·00	46.2685	9·8
...	13·975	−55·750	− 2	...	...
†	14·005	− 0·063	0·80	45.2667	10·0
... [	14·046	−33·449	0·65		
801 [				46.2686	9·8
... [	+14·075	−33·407	0·70		
...	14·279	−49·855	0·65	...	...
...	14·313	−47·105	− 4	...	...
...	14·454	+44·073	− 4	...	...
†	14·464	+14·906	0·80	45.2668	9·8
...	+14·682	+18·661	− 5	...	...
*	14·998	− 4·839	1·00	45.2670	9·7
...	15·157	+45·099	0·90	45.2669	9·9
...	15·593	+24·476	− 5	...	...
...	15·624	−49·318	− 5	m	...

747. Mass. 47°52, no sign of duplicity.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
811-870					
811					
...	+15·639	−45·439	− 3	...	...
...	15·689	−11·642	− 4	...	...
...	15·739	−28·836	− 5	...	...
...	15·805	−39·891	− 4	...	...
...	15·836	−55·165	− 2	...	...
...	+16·013	−14·945	− 3	...	...
...	16·270	+35·945	− 4	...	...
...	16·283	−59·185	− 5	*m*	...
...	16·297	+47·746	0·70	...	...
...	16·451	+10·968	− 1	...	...
821					
*	+16·471	+52·034	1·80	45.2671	8·8
...	16·623	−21·727	− 3	...	...
...	16·626	+45·279	− 5	...	...
...	16·835	−33·967	− 3	...	...
...	16·841	−22·469	0·75	46.2687	10·0
*	+16·973	+50·084	1·00	45.2672	9·6
...	17·045	+36·477	− 1	...	...
...	17·223	+42·750	− 4	...	...
...	17·256	+49·152	− 3	...	...
...	17·264	−53·200	0·80	46.2688	10·2
831					
...	+17·485	+13·700	− 4	...	...
...	17·563	−19·087	0·80	46.2689	10·2
...	17·569	−31·231	− 2	...	...
...	17·584	−40·753	0·70	46.2690	10·2
...	17·651	−31·439	− 2	...	...
...	+17·660	−10·335	− 3	...	...
...	17·792	+29·532	− 5	...	...
*	17·805	+11·556	1·00	45.2674	9·6
...	17·871	+49·243	− 5	...	...
...	17·881	+38·324	0·70	45.2673	10·2
841					
...	+17·973	−59·431	− 2	...	...
*	18·053	−38·217	1·60	46.2691	9·1
*	18·206	+13·443	1·00	45.2675	9·6
...	18·239	−50·317	− 1	...	...
*	18·469	−54·781	1·00	46.2692	9·7
*	+18·633	+12·202	1·00	45.2676	9·6
...	18·851	+38·137	− 4	...	...
*	18·852	+34·661	1·60	45.2677	8·8
...	18·965	−18·092	− 4	...	...
...	19·090	+40·838	− 4	...	...
851					
...	+19·156	+37·286	− 1	...	...
...	19·246	−26·610	− 3	...	...
...	19·655	−26·092	0·85	46.2694	9·8
...	19·657	−45·492	− 3	...	...
‡	19·738	+26·909	1·10	45.2678	9·6
... [	+19·913	+39·513	− 4	...	...
... [	19·963	+39·523	− 4	...	...
‡	19·939	−34·945	1·00	46.2695	9·9
...	20·075	−41·406	− 5	*m*	...
...	20·104	−46·326	− 2	...	...
861					
†	+20·191	− 9·990	− 2	46.2696	10·2
...	20·196	+32·322	− 3	...	...
...	20·203	+14·057	0·80	45.2680	10·0
...	20·349	−47·139	0·65	...	...
...	20·398	−43·578	− 4	...	...
...	+20·425	+18·202	− 5	...	...
*	20·436	+41·940	1·10	45.2679	9·6
...	20·657	+17·439	− 5	...	...
...	20·658	−50·356	− 4	...	...
...	20·780	+32·487	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
871-930					
871					
*	+20·788	+ 6·918	1·90	45.2681	8·9
*	20·885	+ 5·764	1·20	45.2682	9·6
...	21·120	− 1·491	− 2	...	...
...	21·234	+51·475	− 1	...	...
*	21·320	− 9·002	1·20	46.2697	9·6
*	+21·342	+50·766	1·00	45.2683	10·0
...	21·534	−30·052	− 5	*m*	...
...	21·766	−44·136	− 4	...	...
...	21·805	−49·058	− 4	...	...
...	21·832	− 3·352	− 4	...	...
881					
...	+21·886	+41·322	− 3	...	...
...	22·002	−45·569	− 5	*m*	...
...	22·060	+12·673	− 4	...	...
...	22·102	+11·506	− 5	...	...
...	22·112	−46·774	− 2	...	...
...	+22·175	+33·269	− 2	...	...
...	22·187	−43·181	0·65	46.2698	10·2
...	22·265	+18·819	− 2	45.2684	10·2
...	22·308	+16·070	− 5	*m*	...
...	22·339	−16·956	− 5	...	...
891					
*	+22·368	−32·381	0·90	46.2699	9·9
...	22·482	−55·779	− 4	...	...
...	22·595	−55·985	− 5	*m*	...
...	22·732	−40·293	− 4	...	...
...	22·981	−33·533	− 4	...	...
...	+23·109	+53·931	0·70	...	...
...	23·138	−39·787	− 2	...	...
...	23·203	+36·871	− 5	...	...
...	23·262	−54·977	− 5	*m*	...
...	23·415	+50·859	− 5	...	...
901					
...	+23·419	+11·230	− 2	...	...
...	23·605	−45·666	− 3	...	...
...	23·615	+30·276	− 5	...	...
...	23·713	−46·912	− 5	...	...
...	23·728	− 7·092	− 3	...	...
...	+23·770	+ 1·101	− 5	...	...
...	23·895	+51·383	0·70	45.2685	10·2
...	23·895	+28·933	− 2	...	...
...	23·909	+ 5·597	− 3	...	...
...	23·952	−38·717	− 5	*m*	...
911					
...	+23·961	+45·438	0·75	45.2686	10·2
...	23·980	−29·040	− 3	...	...
...	24·070	−32·340	− 5	*m*	...
...	24·091	− 2·335	− 3	...	...
...	24·116	+16·647	− 5	...	...
...	+24·374	+36·749	− 3	...	...
...	24·629	−58·741	0·65	...	...
†	24·745	− 5·021	− 3	...	...
‡	24·839	+27·819	1·70	45.2687	8·9
...	24·883	−45·432	− 2	...	...
921					
...	+25·098	+14·359	− 4	...	...
...	25·107	+32·906	− 4	...	...
...	25·123	−16·607	− 4	...	...
...	25·244	−39·594	− 2	...	...
...	25·345	−12·344	− 3	...	...
...	+25·395	−29·503	− 3	...	...
*	25·422	+58·610	0·95	44.2787	9·8
...	25·422	−45·665	− 4	...	...
...	25·542	+58·209	− 2	...	...
...	25·545	− 3·018	0·70	45.2689	10·2

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
931-990					
931					
...	+25·566	−53·494	− 4	...	...
...	25·701	+33·234	0·65	45.2688	10·2
...	25·888	−19·824	− 4	...	...
...	26·215	+42·259	− 5	*m*	...
...	26·252	−56·256	− 5	*m*	...
...	+26·273	+27·301	0·65	45.2690	10·2
...	26·539	+42·999	− 5	...	...
...	26·587	−35·894	− 4	...	...
...	26·651	− 8·891	0·70	46.2702	10·2
*	26·668	−46·924	1·90	46.2704	8·6
941					
...	+26·687	+ 1·478	− 2	...	...
...	26·884	−37·498	− 3	...	...
...	26·885	−11·669	1·00	46.2703	9·8
*	26·908	−56·485	1·00	46.2705	9·8
...	26·960	−47·946	− 3	...	...
...	+26·981	+43·622	− 5	*m*	...
...	27·101	− 5·088	− 2	...	...
...	27·136	−40·884	− 2	...	...
...	27·369	+20·434	− 4	*a*	...
...	27·372	+20·749	0·65	...	...
951					
...	+27·379	+53·439	− 5	*m*	...
*	27·689	−10·696	0·95	46.2706	9·8
...	27·729	−23·245	− 4	...	...
...	27·773	−33·952	− 5	*m*	...
...	27·778	+ 2·828	− 4	...	...
...	+27·881	−53·717	− 3	...	...
*	27·918	−51·582	0·90	46.2708	9·9
...	28·023	−54·174	− 5	*m*	...
*	28·239	+42·922	0·90	45.2691	10·0
*	28·299	−30·593	0·95	46.2709	9·9
961					
...	+28·322	−42·641	− 3	...	...
...	28·345	+41·737	− 4	...	...
...	28·431	+23·696	− 5	...	...
S *	28·466	− 9·385	3·70	46.2707	7·8
...	28·518	+15·850	− 4	...	...
...	+28·559	+38·965	0·70	...	...
...	28·655	−45·557	− 4	...	...
*	28·751	−10·748	1·10	46.2710	9·6
...	28·874	− 8·826	− 1	46.2711	10·2
...	28·880	+35·867	0·70	45.2692	10·2
971					
...	+28·894	+16·568	0·75	45.2693	10·2
...	28·991	+48·081	− 5	*m*	...
...	29·187	−23·583	0·90	46.2712	10·0
*	29·237	−25·969	1·40	46.2713	9·5
...	29·298	−34·671	− 5	...	...
...	+29·323	+51·646	− 5	*m*	...
...	29·432	−43·938	0·70	46.2714	10·2
n *	29·453	+47·431	1·00	45.2694	10·2
...	29·455	+51·280	− 3	...	...
...	29·516	+13·266	0·65	45.2695	10·2
981					
...	+29·628	+51·626	− 5	*m*	...
n ‡	29·648	+47·421	0·90	45.2694	10·2
‡	29·775	−48·273	1·30	46.2715	9·2
†	29·787	− 1·004	− 4	...	...
...	29·867	+42·077	0·85	45.2696	10·0
...	+29·887	−44·380	− 4	...	...
...	29·914	−54·602	− 5	...	...
*	29·961	+33·085	1·30	45.2697	9·2
...	30·054	+29·659	− 5	...	...
...	30·116	+32·115	0·75	45.2698	9·9

978, 982, C.P.D., suspected double.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
991-1050					
991					
...	+30·256	−54·152	− 3	...	...
...	30·357	+41·014	− 4	...	...
...	30·492	+40·481	− 5	*m*	...
*	30·567	−14·737	1·05	46.2716	9·8
...	30·654	+57·371	1·00	44.2801	10·2
...	+30·715	+49·709	− 2	...	...
*	30·772	−19·813	2·00	46.2717	8·8
...	30·850	−47·559	0·85	46.2718	10·2
...	30·921	+27·142	− 3	...	...
...	30·924	−23·716	− 3	...	...
1001					
...	+30·983	−38·946	− 5	...	...
...	31·111	−28·625	0·80	46.2719	10·2
...	31·119	−56·300	− 3	...	...
...	31·198	− 2·599	− 3	...	...
‡	31·292	+ 5·030	1·80	45.2701	8·8
n	+31·400	+40·655	0·75	45.2699	9·9
*	31·412	+10·880	1·70	45.2700	9·1
n	31·443	+40·582	0·65	45.2699	9·9
...	31·574	−37·571	− 4	...	...
...	31·607	+10·257	0·70	45.2702	10·0
1011					
S *	+31·652	+55·223	2·00	44.2805	8·5
...	31·728	−51·317	0·65	46.2720	10·2
*	31·736	+28·495	1·15	45.2704	9·6
...	31·873	−52·740	− 5	...	...
...	31·901	−51·317	− 4	...	...
...	+32·118	+53·156	0·90	45.2703	10·2
...	32·182	−53·108	0·65	...	...
...	32·256	+12·025	− 5	...	...
...	32·313	−43·829	1·00	46.2721	10·0
...	32·334	−24·051	− 4	...	...
1021					
*	+32·421	−57·508	2·00	46.2722	9·1
...	32·432	+35·995	0·70	...	...
...	32·462	+21·301	− 5	...	...
...	32·562	+13·850	− 3	...	...
...	32·717	− 4·584	− 5	...	...
...	+32·763	+ 9·716	− 2	...	...
*	32·771	−57·292	1·15	46.2724	9·6
...	32·824	−49·522	0·70	46.2723	10·2
...	32·857	−24·125	− 4	...	...
...	32·868	+ 2·553	− 3	...	...
1031					
...	+33·036	− 8·057	− 4	...	...
...	33·127	+36·931	− 3	...	...
...	33·417	+29·301	− 4	...	...
...	33·534	+16·469	− 2	...	...
...	33·586	−11·392	− 4	...	...
...	+33·598	+45·797	− 5	...	...
...	33·617	+12·544	0·90	45.2705	10·0
...	33·778	−13·556	− 3	...	...
*	33·879	−16·248	1·10	46.2725	9·6
...	33·891	+45·196	− 3	...	...
1041					
...	+33·935	+10·760	0·65	...	...
...	34·051	−23·390	− 3	...	...
...	34·092	+35·426	− 5	...	...
...	34·136	+30·990	− 4	...	...
...	34·174	−46·553	− 5	...	...
*	+34·248	+36·259	1·00	45.2706	9·8
...	34·342	+37·097	− 2	...	...
*	34·370	+30·581	1·05	45.2707	9·7
...	34·383	−33·938	− 2	...	...
*	34·451	−47·376	0·95	46.2726	10·1

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1051-1110					
1051					
...	+34·501	−44·414	− 4	...	...
...	34·557	−46·521	− 5	*m*	...
†	34·685	+48·092	− 2	...	...
‡	34·732	+27·215	1·00	45.2708	9·9
*	34·896	+30·329	1·60	45.2709	8·8
...	+34·933	−19·034	− 4	...	...
*	35·118	+ 4·312	1·10	45.2711	9·3
*	35·302	+32·601	1·00	45.2710	9·7
...	35·304	+44·738	− 4	*a*	...
...	35·359	−58·274	− 2	...	...
1061					
...	+35·361	+ 1·302	− 3	...	...
...	35·497	−31·584	− 3	...	...
...	35·587	+29·953	− 2	45.2712	10·2
*	35·599	−13·866	1·40	46.2727	9·4
...	35·732	+28·669	− 5	...	...
*	+35·792	+ 5·303	1·10	45.2713	9·6
*	35·897	−28·671	1·00	46.2728	9·8
...	35·972	−31·225	− 4	...	...
...	36·026	+26·080	− 3	...	...
...	36·070	+20·029	− 5	...	...
1071					
...	+36·139	+52·949	− 3	...	...
...	36·319	+23·173	− 5	...	...
...	36·495	−44·796	− 4	...	...
...	36·515	+35·447	− 1	45.2714	10·2
...	36·627	+17·065	− 4	...	...
...	+36·661	+38·664	− 1	...	...
...	36·725	+ 4·670	− 5	...	...
*	36·793	+ 1·279	2·10	45.2717	8·5
...	36·856	+58·811	− 4	...	...
†	36·877	+24·941	− 4	...	...
1081					
...	+36·896	+11·347	− 4	...	...
...	37·051	−59·041	− 2	...	...
...	37·057	+18·427	− 2	...	...
...	37·076	+27·463	− 2	...	...
...	37·085	+11·384	− 4	...	...
*	+37·193	+30·628	0·95	45.2715	9·8
*	37·195	+24·437	1·40	45.2716	9·6
...	37·218	−43·030	− 2	...	...
...	37·324	−30·055	− 5	*m*	...
...	37·377	−37·189	0·85	46.2730	10·2
1091					
...	+37·471	− 6·823	− 4	...	...
...	37·531	−54·550	− 5	*m*	...
...	37·561	−50·852	− 2	...	...
...	37·634	−23·353	0·75	46.2729	10·2
...	37·733	+29·722	0·70	45.2720	10·2
*	+37·784	+49·439	2·00	45.2718	8·6
...	37·809	−24·774	0·75	46.2731	10·2
...	37·888	+50·428	0·85	45.2719	10·0
...	37·921	+ 0·878	− 5	...	...
*	38·157	−53·820	1·50	46.2732	9·2
1101					
...	+38·205	+43·210	− 2	...	...
...	38·223	+ 5·772	− 5	...	...
*	38·282	+28·567	0·95	45.2721	9·8
...	38·371	+20·143	− 2	...	...
*	38·431	+27·923	0·90	45.2722	10·0
...	+38·466	+ 9·784	0·65	45.2723	10·2
†	38·529	− 5·063	0·65	...	...
...	38·711	−12·973	− 5	...	...
...	38·747	−51·308	− 4	...	...
...	38·788	−10·739	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1111-1170					
1111					
...	+38·951	+27·978	− 3	...	...
...	39·106	−57·799	− 3	...	...
...	39·143	+53·925	− 4	...	...
...	39·209	+12·457	− 5	...	...
...	39·250	−14·204	− 2	...	...
*	+39·370	+33·134	0·95	45.2724	10·0
...	39·388	+ 0·752	− 2	...	...
...	39·491	+43·433	− 2	...	...
*	39·559	+10·540	1·20	45.2725	9·6
...	39·562	+ 1·907	− 5	...	...
1121					
†	+39·743	+ 3·510	0·80	45.2726	10·1
†	39·773	−17·668	0·65	46.2734	10·1
†	39·785	+ 3·571	− 3	...	...
†	39·823	−45·676	0·75	...	...
...	39·887	+44·985	− 3	...	...
...	+39·991	+50·438	− 2	...	...
...	40·063	+22·507	− 5	...	...
...	40·149	+ 1·458	− 4	...	...
...	40·155	−35·973	− 2	...	...
*	40·165	−37·402	1·15	46.2735	9·8
1131					
*	+40·194	+ 6·292	1·05	45.2727	10·0
†	40·254	− 0·052	− 4	*f*	...
...	40·402	−50·339	− 5	...	...
...	40·405	+21·313	0·85	45.2728	10·2
*	40·496	−21·908	1·35	46.2736	9·4
...	+40·574	+14·270	− 5	...	...
...	40·688	+15·053	− 3	...	...
...	40·695	+ 3·814	0·80	45.2730	10·2
...	40·726	− 2·119	− 5	*m*	...
...	40·829	+21·644	− 2	...	...
1141					
...	+40·861	+34·368	− 4	...	...
...	40·893	−14·009	− 5	...	...
S *	40·923	−51·221	2·15	46.2738	8·2
...	41·118	−42·733	0·65	...	...
...	41·298	+16·078	− 2	...	...
...	+41·299	+48·851	0·75	45.2729	10·2
...	41·353	−14·337	0·70	46.2737	10·2
*	41·378	+24·830	0·95	45.2731	10·0
...	41·463	+22·908	− 3	...	...
*	41·500	−26·450	1·15	46.2739	9·8
1151					
*	+41·574	−37·025	1·05	46.2742	9·8
*	41·705	−27·081	1·30	46.2740	9·6
*	41·773	+13·511	1·30	45.2733	9·4
...	41·794	+18·328	− 2	...	...
...	41·819	+ 2·555	0·85	45.2734	10·1
...	+41·825	+17·693	− 3	...	...
...	41·959	+42·509	− 5	...	...
...	41·992	+16·891	− 2	...	...
...	42·028	− 9·725	0·80	46.2741	10·2
...	42·029	+33·041	− 5	...	...
1161					
*	+42·247	+43·851	2·10	45.2732	8·6
...	42·322	+32·345	0·75	45.2735	10·2
...	42·374	+20·511	− 1	...	...
†	42·476	−14·988	− 4	...	...
...	42·571	− 5·056	− 4	...	...
...	+42·577	+23·004	0·65	...	...
...	42·613	+ 0·688	− 3	...	...
...	42·648	+58·341	− 5	*m*	...
...	42·732	+24·393	− 5	...	...
...	42·779	+42·678	− 3	...	...

1006, 1008. C.P.D., mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. -2.	C.P.D. No.	C.P.D. Mag.
1171–1230					
1171				°	
...	+42′833	+ 4′192	— 4	...	...
...	42·856	—10·460	— 5	...	...
...	42·859	—14·719	— 3	...	...
...	42·867	—23·609	— 5	...	...
...	43·194	—11·143	— 5	*m*	...
...	+43·422	+10·014	— 5	...	...
...	43·431	+10·184	— 4	...	...
...	43·445	—26·374	— 4	...	...
...	43·477	+30·118	— 4	...	...
...	43·480	—26·624	— 3	...	...
1181					
...	+43·522	+15·282	— 5	*m*	...
*	43·639	+15·181	0·95	45.2738	9·8
*	43·650	+31·772	1·10	45.2736	10·0
...	43·668	—33·098	— 2	...	...
...	43·752	+56·656	0·65	...	...
...	+43·846	+39·994	— 1	...	...
...	43·863	—55·928	0·65	...	...
...	43·940	—59·707	— 5	...	...
...	43·965	—13·612	0·75	46.2744	10·2
...	43·989	+21·191	— 2	...	...
1191					
...	+44·011	+56·511	— 4	...	...
...	44·020	—17·597	0·65	...	...
...	44·035	—35·808	0·70	46.2746	10·2
...	44·050	—44·460	— 3	...	...
*	44·084	+54·322	1·20	45.2737	9·8
*	+44·091	+26·875	1·15	45.2739	9·8
...	44·125	+10·114	0·70	45.2740	10·2
...	44·151	+45·763	— 4	...	...
*	44·171	—12·881	1·15	46.2745	10·0
...	44·497	—36·697	— 3	...	...
1201					
...	+44·512	—40·688	— 3	...	...
...	44·581	—31·136	— 4	...	...
...	44·610	—54·097	— 3	...	...
...	44·671	—34·592	0·75	46.2747	10·1
...	44·868	—17·429	— 4	...	...
...	+44·882	—23·286	— 5	*m*	...
...	44·883	+25·563	— 3	...	...
*	44·888	+21·359	0·90	45.2741	10·0
...	44·894	—55·322	— 5	*m*	...
...	44·979	+29·618	— 4	...	...
1211					
...	+44·991	+24·542	— 1	...	...
...	45·076	+12·294	— 5	...	...
...	45·254	—31·404	— 3	...	...
...	45·257	+32·541	— 5	*m*	...
SN*	45·311	+ 3·736	3·90	45.2742	7·6
*	+45·374	+ 2·356	1·00	45.2743	9·8
...	45·416	+49·276	— 4	...	...
...	45·427	—44·253	— 5	*m*	...
†	45·459	— 9·970	0·75	46.2748	10·2
...	45·488	—34·796	0·80	46.2751	10·2
1221					
...	+45·543	+14·261	0·70	...	...
...	45·605	—16·697	— 5	*m*	...
...	45·624	+ 0·622	— 2	...	...
...	45·718	—30·492	— 4	*e*	...
...	45·739	—15·718	— 5	...	...
...	+45·870	+22·075	— 3	...	...
...	45·904	+31·454	— 5	*m*	...
...	45·989	—28·899	0·80	46.2754	10·2
*	46·043	— 6·508	0·95	46.2749	9·8
...	46·118	—23·932	— 5	*m*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. -2.	C.P.D. No.	C.P.D. Mag.
1231–1290					
1231				°	
...	+46′137	+12′976	— 3	...	...
...	46·194	+12·643	— 5	...	...
*	46·234	— 7·458	1·60	46.2753	9·2
...	46·261	+19·313	— 5	*e*	...
...	46·290	—35·466	— 4	*m*	...
...	+46·556	+35·352	— 5	...	...
...	46·574	—47·128	— 4	...	...
*	46·595	—44·024	1·00	46.2756	9·8
...	46·606	—13·686	— 2	...	...
...	46·726	—48·861	— 3	...	...
1241					
...	+46·774	—16·190	— 5	*e*	...
...	46·961	+26·332	— 5	*m*	...
...	47·064	+51·002	— 1	...	...
...	47·105	—48·717	— 2	...	...
...	47·106	—21·474	— 3	...	...
...	+47·113	+56·754	— 5	*m*	...
*	47·281	+27·808	1·00	45.2744	9·8
...	47·289	+57·448	0·90	44.2836	10·2
...	47·291	+10·198	— 2	...	...
...	47·318	+42·017	— 5	*e*	...
1251					
...	+47·344	+49·293	— 3	...	...
...	47·353	+17·374	— 5	*m*	...
e	47·506	— 0·510	0·80	45.2746	10·2
*	47·633	+28·880	1·00	45.2745	9·6
...	47·634	+30·327	— 5	...	...
...	+47·643	—30·411	— 5	*m*	...
...	47·650	—44·043	— 2	...	...
...	47·653	+52·705	— 5	*m*	...
...	47·667	+44·153	— 5	*e*	...
...	47·682	—34·150	— 5	...	...
1261					
...	+47·751	+16·811	— 5	...	...
...	47·930	+21·532	— 5	...	...
...	47·964	+23·896	— 3	...	...
...	48·029	—15·935	— 5	...	...
...	48·056	+41·448	— 4	...	...
...	+48·060	+20·182	— 4	*e*	...
...	48·075	+17·813	— 5	*m*	...
...	48·155	+ 3·177	— 5	...	...
...	48·258	— 6·436	— 4	...	...
...	48·315	—38·779	0·75	46.2757	10·2
1271					
...	+48·506	+11·319	— 4	...	...
...	48·514	+40·354	— 4	...	...
...	48·564	+59·101	— 3	...	...
*	48·593	+38·184	1·50	45.2747	9·4
...	48·617	+48·366	— 3	...	...
...	+48·725	+34·098	— 5	...	...
...	48·756	+14·020	— 2	...	...
*	48·776	—33·558	2·90	46.2759	8·6
...	48·877	—48·599	— 4	...	...
...	48·883	—11·076	0·80	46.2758	10·2
1281					
...	+48·922	+43·677	0·80	...	...
...	49·072	+ 0·837	— 5	...	...
...	49·081	+21·196	— 4	...	...
...	49·204	— 7·263	— 4	...	...
...	49·263	+20·602	— 5	...	...
...	+49·285	+56·691	— 4	...	...
...	49·294	+54·683	— 4	...	...
...	49·351	+38·803	— 5	...	...
*	49·423	+ 8·572	0·90	45.2749	9·8
...	49·467	+35·700	— 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. -2.	C.P.D. No.	C.P.D. Mag.
1291–1350					
1291				°	
...	+49′483	+27′728	— 4	...	...
...	49·511	+25·400	— 3	...	...
...	49·570	+15·852	— 1	...	...
†	49·615	+27·469	— 5	...	...
‡	49·658	+39·045	1·40	45.2748	9·5
...	+49·774	+50·461	0·70	...	...
...	49·805	—35·601	— 5	...	...
...	49·882	—18·078	— 4	...	...
...	50·095	+30·793	— 5	...	...
...	50·140	+20·208	— 4	...	...
1301					
...	+50·212	—27·659	— 5	*e*	...
...	50·374	+17·598	— 5	...	...
...	50·431	+ 0·722	— 3	...	...
...	50·706	+43·014	— 3	...	...
...	50·727	—19·324	— 4	...	...
...	+50·858	— 9·719	— 3	...	...
...	50·876	—31·148	— 4	...	...
...	50·973	— 1·180	— 4	...	...
...	51·021	+20·549	0·70	45.2750	10·2
*	51·036	—54·007	1·25	46.2760	9·8
1311					
...	+51·043	—13·095	— 2	...	...
...	51·230	+58·669	— 4	...	...
...	51·276	+ 6·076	0·65	45.2752	10·2
*	51·343	+45·056	2·80	45.2751	8·2
...	51·425	—15·620	— 3	...	...
*	+51·593	— 2·826	1·10	45.2753	9·8
...	51·703	— 5·524	— 5	*e*	...
...	51·807	+ 1·636	— 3	...	...
...	51·902	—10·463	— 5	*e*	...
...	51·908	+37·072	0·70	...	...
1321					
...	+52·086	—27·754	— 5	*m*	...
...	52·286	+ 3·926	— 2	...	...
...	52·504	+30·399	— 3	...	...
...	52·514	+33·921	0·65	45.2754	10·2
*	52·615	+28·106	1·80	45.2755	9·1
...	+52·706	—37·387	— 3	...	...
...	52·900	+12·920	— 5	...	...
*	52·909	+59·181	1·40	44.2853	9·6
...	52·945	—24·646	— 4	...	...
...	52·987	— 0·431	— 4	*m*	...
1331					
*n**	+52·998	—25·973	1·80	46.2761	7·8
...	53·068	— 5·922	— 2	...	...
...	53·153	+43·647	— 3	...	...
...	53·164	—17·617	— 5	*m*	...
...	53·217	+ 1·050	0·75	45.2757	10·2
*n**	+53·221	—25·905	3·00	46.2761	7·8
...	53·339	+25·683	— 4	...	...
*	53·345	—41·800	1·20	46.2762	9·6
*	53·372	—49·329	2·00	46.2763	8·8
...	53·416	+45·715	— 3	...	...
1341					
...	+53·426	—25·672	— 3	...	...
...	53·522	—58·044	— 5	*m*	...
...	53·530	+44·695	— 3	...	...
...	53·639	+33·176	— 3	...	...
...	53·641	—44·071	— 5	*e*	...
...	+53·724	—20·319	— 5	*m*	...
...	53·743	—51·087	0·70	...	...
*	53·806	+47·758	1·60	45.2756	9·5
...	53·898	—31·185	— 5	*m*	...
...	53·915	—20·977	— 2	...	...

1215. Remeasure 1914, $x = 45'328$.
1331, 1336. C.P.D., mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1351-1380					
1351				°	
...	+53′·987	+12′·664	0·70	...	...
...	54·064	+50·209	− 2	...	...
...	54·069	+41·672	− 3	...	...
...	54·170	−13·589	− 2	...	...
*	54·415	+29·590	1·30	45.2759	9·6
*	+54·415	+ 8·500	1·00	45.2760	9·8
...	54·470	+39·807	− 2	45.2758	10·2
†	54·542	+54·838	− 2	...	...
*	54·627	−58·628	1·25	46.2766	9·8
...	54·763	+32·884	− 3	...	...
1361					
...	+54·764	+ 5·486	− 4	...	...
†	54·786	−24·983	− 5	...	...
...	54·828	+28·802	− 5	*e*	...
S ‡	54·828	+24·999	2·80	45.2761	7·8
...	54·853	−36·454	− 5	*m*	...
...	+54·881	+ 5·132	− 3	...	...
...	54·895	−24·336	− 3	...	...
...	54·981	− 2·802	− 5	*m*	...
...	55·079	+58·679	− 4	...	...
...	55·209	−40·512	− 3	...	...
1371					
S *	+55·222	−26·252	2·80	46.2765	7·9
...	55·224	+36·983	− 1	...	...
...	55·255	+19·537	− 3	...	...
...	55·324	−49·028	− 3	...	...
...	55·451	−12·905	0·65	...	...
...	+55·474	+ 2·808	− 4	...	...
*	55·475	+32·767	2·80	45.2762	8·0
*	55·502	+14·564	1·10	45.2765	9·8
...	55·516	+ 4·809	− 5	...	...
...	55·558	−37·579	− 4	*e*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1381-1410					
1381				°	
...	+55′·673	+35′·565	− 5	...	...
...	55·953	+35·636	0·80	45.2764	10·2
...	55·964	−58·480	− 3	...	...
...	56·028	−41·707	0·80	46.2768	10·2
...	56·090	+50·239	1·00	45.2763	9·8
...	+56·103	+39·981	− 4	*e*	...
...	56·116	−59·284	0·80	46.2771	10·0
*	56·139	+21·049	0·95	45.2766	9·8
...	56·264	+36·250	− 5	...	...
†	56·299	−34·950	− 4	*e*	...
1391					
...	+56·367	−41·245	− 1	...	...
...	56·452	+ 3·087	− 4	...	...
...	56·522	− 9·435	0·65	46.2767	10·2
...	56·550	−35·014	0·75	46.2770	10·0
...	56·691	+12·211	− 5	*m*	...
...	+56·703	−18·033	0·75	46.2769	10·2
...	56·735	− 0·117	− 2	*f*	...
...	56·875	+32·989	− 4	...	...
*	56·912	+42·919	1·20	45.2767	9·6
...	57·020	−13·952	− 1	...	...
1401					
...	+57·157	+35·682	0·80	45.2768	10·2
...	57·192	+33·003	− 4	...	...
...	57·213	+43·661	− 4	...	...
*	57·387	−26·042	1·00	46.2772	9·8
...	57·512	+21·409	0·80	45.2770	10·2
...	+57·788	−16·956	− 4	*e*	...
...	57·788	−57·585	− 4	...	...
...	57·804	+45·762	− 4	...	...
...	57·950	+49·010	− 5	...	...
...	58·008	+28·807	− 5	...	...

Notes.	Co-ordinates. x	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1411-1438					
1411				°	
...	+58′·045	− 5′·143	− 3	*e*	...
...	58·063	+19·110	−,4	...	...
*	58·121	− 1·254	0·90	45.2771	10·1
...	58·132	+11·962	− 1	...	...
...	58·158	−46·460	0·75	46.2774	10·2
...	+58·171	−16·747	− 4	*e*	...
*	58·249	+53·118	1·40	45.2769	9·6
...	58·257	−42·794	− 2	...	...
...	58·388	−47·513	− 2	...	...
...	58·475	+53·717	− 3	...	...
1421					
...	+58·533	+ 6·989	− 2	...	...
...	58·538	−42·402	− 2	...	...
...	58·726	+16·958	− 2	...	...
...	58·742	+30·679	− 2	...	...
...	58·869	−56·851	− 1	...	...
...	+58·876	+13·358	− 2	...	...
*	58·887	+ 2·324	1·00	45.2773	9·8
...	58·892	− 3·359	− 4	*e*	...
...	58·930	+ 7·229	− 5	*m*	...
*	58·992	+ 7·016	1·90	45.2772	8·7
1431					
...	+59·211	− 1·217	0·75	...	...
...	59·333	−19·358	− 3	...	...
*	59·346	+ 8·561	0·90	45.2775	10·1
*	59·400	+ 6·826	0·95	45.2774	10·0
...	59·461	−32·960	− 4	...	...
...	+59·556	−26·620	0·70	...	...
...	59·586	+ 4·862	− 4	...	...
...	59·590	−32·682	0·75	...	...

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	1-20				
1				°	
†	−59′·924	−26′·878	− 4	...	...
...	59·842	−13·858	0·65	46.2744	10·2
...	59·660	−17·846	0·80	...	...
*	59·657	−13·123	1·20	46.2745	10·0
...	59·525	−33·347	− 1	...	...
...	−59·127	+14·052	0·80	...	...
...	59·076	+21·878	− 4	...	...
...	59·064	−36·048	− 1	46.2746	10·2
S *	59·018	+ 3·541	4·00	45.2742	7·6
*	58·935	+ 2·155	1·20	45.2743	9·8
11					
...	−58·823	−17·639	− 5	...	...
...	58·800	−44·687	− 5	...	...
...	58·788	+50·825	− 3	...	...
...	58·733	+57·266	1·00	44.2836	10·2
...	58·663	−31·372	− 5	...	...
...	−58·637	+ 0·432	− 3	...	...
...	58·616	−56·173	− 4	...	...
...	58·586	+19·125	− 5	E	...
...	58·578	−36·921	− 4	...	...
...	58·506	+12·780	− 3	...	...

	21-40				
21				°	
...	−58′·484	−34′·820	− 1	46.2747	10·1
*	58·466	−10·186	1·00	46.2748	10·2
...	58·441	+49·120	− 4	...	...
...	58·429	−40·910	− 4	...	...
...	58·425	+12·461	− 5	...	...
...	−58·241	+41·830	− 5	E	...
...	58·001	−15·913	− 5	...	...
...	57·991	−31·606	− 4	...	...
*	57·978	− 6·692	1·00	46.2749	9·8
...	57·941	−54·313	− 4	...	...
31					
...	−57·940	+43·972	− 5	E	...
*	57·830	+27·652	1·40	45.2744	9·8
*	57·759	− 7·638	1·80	46.2753	9·2
†	57·658	−34·990	− 1	46.2751	10·2
...	57·586	+30·181	− 5	...	...
...	−57·540	−30·683	− 5	E	...
...	57·517	+58·954	− 4	...	...
*	57·514	+28·725	1·40	45.2745	9·6
...	57·478	+41·296	− 5	...	...
...	57·331	−29·079	0·90	46.2754	10·2

	41-60				
41				°	
...	−57′·279	+10′·046	− 1	...	...
...	57·204	−13·845	− 2	...	...
...	57·140	+48·239	− 4	...	...
...	57·017	+40·214	− 5	...	...
...	57·013	+23·748	− 4	...	...
...	−57·011	+16·662	− 5	...	...
...	56·995	+21·394	− 5	...	...
...	56·945	−16·354	− 5	E	...
*	56·840	+38·050	1·70	45.2747	9·4
...	56·824	+20·047	− 5	E	...
51					
...	−56·723	+56·569	− 4	...	...
E	56·689	− 0·652	0·95	45.2746	10·2
...	56·687	+43·552	− 1	...	...
...	56·640	+54·554	− 4	...	...
...	56·451	−21·619	− 3	...	...
*	−56·251	−44·181	1·40	46.2756	9·8
...	56·099	+11·196	− 5	...	...
...	56·061	+50·370	− 3	...	...
...	55·988	−49·013	− 4	...	...
...	55·911	+13·899	− 2	...	...

MC measured from 1, 137, 281, 432, 590, 739, 891, 1069, 1282. 1474, 1674, 1861.
ES ,, ,, 78, 206, 362, 514, 661, 821, 990, 1169, 1376, 1568, 1772, 1928.
For D-2, and fainter, the images are diffused and very poor.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
61-120					
61	′	′		°	
...	−55·899	+35·583	− 4	...	...
...	55·815	+21·082	− 4	...	...
*	55·788	+38·937	1·70	45.2748	9·5
...	55·773	− 6·561	− 4	...	...
...	55·691	−16·060	− 5	...	...
...	−55·606	+27·629	− 5	...	...
...	55·594	−48·854	− 3	...	...
...	55·577	+33·976	− 5	M	...
...	55·534	+25·301	− 4	...	...
...	55·491	−34·269	− 5	...	...
71					
...	−55·468	+27·374	− 5	...	...
...	55·204	−44·166	− 3	...	...
...	55·193	+ 0·744	− 5	...	...
...	55·164	+15·768	0·65	...	...
...	55·138	+30·720	− 5	...	...
*	−55·079	+ 8·480	1·00	45.2749	9·8
†	55·006	−11·180	0·90	46.2758	10·2
...	54·877	+42·948	− 3	...	...
...	54·842	+58·599	− 5	...	...
...	54·800	− 7·342	− 5	...	...
81					
...	−54·734	+20·148	− 5	...	...
...	54·701	−38·875	0·70	46.2757	10·2
*	54·393	−33·665	2·40	46.2759	8·6
*	54·303	+45·013	2·50	45.2751	8·2
...	53·862	+20·512	0·75	45.2750	10·2
...	−53·842	+ 0·675	− 3	...	...
...	53·840	−48·687	− 5	...	...
...	53·793	−18·138	− 4	...	...
...	53·499	+37·051	0·80	...	...
...	53·299	−35·660	− 5	...	...
91					
...	−53·230	− 1·210	− 4	...	...
*	53·173	+59·165	1·60	44.2853	9·6
...	53·167	−27·701	− 5	E	...
*	53·161	+ 6·054	0·85	45.2752	10·2
...	53·069	− 9·745	− 2	...	...
...	−52·908	−19·355	− 4	...	...
...	52·789	+33·919	0·70	45.2754	10·2
...	52·787	−13·114	− 1	...	...
...	52·707	+30·394	− 3	...	...
*	52·555	− 2·839	1·15	45.2753	9·8
101					
*	−52·493	+28·104	1·90	45.2755	9·1
...	52·493	+ 1·626	− 2	...	...
...	52·449	+43·651	− 4	...	...
...	52·372	−31·175	− 5	...	...
...	52·347	− 5·514	− 5	E	...
...	−52·304	−15·638	− 4	...	...
...	52·266	+45·727	− 4	...	...
...	52·223	− 0·434	− 5	M	...
...	52·107	+44·692	− 4	...	...
...	52·071	+ 3·928	0·65	...	...
111					
...	−52·003	−10·460	− 5	E	...
*	51·918	+47·784	1·80	45.2756	9·5
...	51·761	+50·236	− 3	...	...
...	51·755	+12·941	− 5	...	...
...	51·717	+25·704	− 5	...	...
...	−51·647	+33·204	− 1	...	...
*	51·498	−54·014	1·60	46.2760	9·8
...	51·477	+41·703	− 3	...	...
...	51·416	+54·880	− 3	...	...
...	51·061	+ 1·081	0·80	45.2757	10·2

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
121-180					
121	′	′		°	
†	−51·015	+39·855	− 2	45.2758	10·2
...	51·001	+58·731	− 5	...	...
...	50·975	− 5·894	0·65	...	...
...	50·940	+ 1·689	− 5	M	...
*	50·740	+29·642	1·30	45.2759	9·6
...	−50·648	+12·709	0·70	...	...
...	50·522	−24·611	− 4	...	...
...	50·502	+32·945	− 3	...	...
n *	50·409	−25·936	1·80	46.2761	7·8
...	50·347	−37·355	− 4	...	...
131					
...	−50·310	+28·865	− 5	E	...
S *	50·184	+25·076	2·90	45.2761	7·8
...	50·175	+37·066	0·70	...	...
n *	50·174	−25·864	3·00	46.2761	7·8
*	50·094	+ 8·562	0·95	45.2760	9·8
†	−49·993	−25·631	0·65	...	...
*	49·775	+32·867	2·80	45.2762	8·0
*	49·752	+50·336	1·30	45.2763	9·8
...	49·665	+ 5·578	− 5	...	...
...	49·659	−20·915	− 3	...	...
141					
...	−49·644	−13·519	0·70	...	...
...	49·595	+19·627	− 3	...	...
*	49·572	−41·737	1·50	46.2762	9·6
...	49·534	+ 5·222	− 4	...	...
...	49·418	+35·732	0·90	45.2764	10·2
...	−49·402	+40·083	− 5	E	...
*	49·319	−49·278	2·60	46.2763	8·8
...	49·221	−44·009	− 5	E	...
...	49·208	+21·877	− 5	M	...
*	49·181	+14·656	1·10	45.2765	9·8
151					
...	−49·127	+36·378	− 5	...	...
...	48·875	−51·017	− 2	...	...
...	48·858	+ 2·924	− 4	...	...
*	48·780	+21·161	1·10	45.2766	9·8
*	48·684	+43·043	1·40	45.2767	9·6
...	−48·674	−24·873	− 4	...	...
...	48·585	−24·230	− 3	...	...
...	48·397	+33·125	− 4	...	...
...	48·394	+43·807	− 4	...	...
...	48·387	−12·800	0·70	...	...
161					
...	−48·221	+35·822	0·90	45.2768	10·2
S *	48·168	−26·144	2·90	46.2765	7·9
...	48·068	+33·142	− 4	...	...
...	47·877	+ 3·234	− 4	...	...
...	47·876	+45·916	− 4	...	...
...	−47·821	+49·157	− 5	...	...
*	47·768	−58·531	1·40	46.2766	9·8
...	47·750	−44·376	− 4	M	...
*	47·660	+53·282	1·50	45.2769	9·6
...	47·503	+ 0·019	− 3	...	...
171					
...	−47·488	−37·439	− 5	E	...
...	47·448	+53·887	− 3	...	...
...	47·437	− 9·279	0·80	46.2767	10·2
...	47·408	+21·570	0·90	45.2770	10·2
...	47·372	−48·896	− 3	...	...
...	−46·964	−17·874	0·75	46.2769	10·2
...	46·920	+29·430	− 5	M	...
...	46·896	−41·551	0·90	46.2768	10·2
...	46·853	−34·789	− 4	E	...
...	46·787	−13·791	− 1	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
181-240					
181	′	′		°	
...	−46·768	+19·280	− 4	...	...
...	46·590	−34·851	0·90	46.2770	10·0
...	46·568	−41·088	− 2	...	...
...	46·493	+12·136	− 2	...	...
...	46·470	+30·869	− 3	...	...
...	−46·447	−58·328	− 4	...	...
...	46·409	− 4·729	− 5	M	...
...	46·275	−59·118	− 1	46.2771	10·0
*	46·078	− 1·064	1·00	45.2771	10·1
...	46·051	+17·153	− 3	...	...
191					
...	−46·035	− 4·954	− 4	E	...
*	46·022	−25·866	1·20	46.2772	9·8
...	45·972	+45·534	− 5	...	...
...	45·926	+ 7·184	− 2	...	...
...	45·910	−16·762	− 4	E	...
...	−45·778	+13·555	− 3	...	...
...	45·542	−16·548	− 4	E	...
*	45·467	+ 7·226	2·00	45.2772	8·7
*	45·429	+ 2·545	1·20	45.2773	9·8
*	45·397	+50·317	1·00	45.2776	10·1
201					
...	−45·261	− 3·151	− 5	E	...
...	45·218	−26·773	− 5	M	...
*	45·166	+ 8·783	0·90	45.2775	10·1
*	45·075	+ 7·045	1·00	45.2774	10·0
†	44·997	− 1·001	0·90	...	...
...	−44·842	+10·267	− 5	...	...
...	44·811	+ 5·090	− 5	...	...
...	44·748	+50·226	− 5	...	...
...	44·640	−57·362	− 5	...	...
...	44·639	−42·582	− 3	...	...
211					
...	−44·608	−46·239	0·90	46.2774	10·2
...	44·572	+36·909	− 5	M	...
n * [	44·544	+ 7·275	2·10	45.2778	8·3
n * [	44·475	+ 7·118	2·10		
...	44·543	+11·391	− 5	...	...
N	−44·538	+ 6·637	0·80	45.2777	10·0
...	44·524	−21·642	− 5	M	...
*	44·492	+ 6·010	1·10	45.2779	9·5
...	44·484	+ 3·863	− 5	...	...
*	44·442	+23·026	1·90	45.2780	9·0
221					
...	−44·376	−42·180	− 1	...	...
...	44·361	−47·294	0·65	...	...
*	44·349	+37·699	1·00	45.2783	10·1
...	44·314	−19·117	− 3	...	...
*	44·254	+ 6·126	2·00	45.2781	9·2
...	−44·228	+33·846	− 3	...	...
*	44·221	+31·672	2·00	45.2782	9·3
...	44·152	+40·711	0·80	...	...
...	43·978	−27·079	− 5	M	...
...	43·900	−27·882	− 5	M	...
231					
...	−43·843	−26·372	0·80	...	...
...	43·794	+ 6·233	0·80	...	...
...	43·738	−32·714	− 3	...	...
...	43·628	−32·432	0·85	...	...
...	43·619	+54·105	− 1	...	...
...	−43·607	+12·881	− 5	...	...
...	43·575	−56·602	0·70	...	...
...	43·517	+51·621	0·85	45.2784	10·2
...	43·498	−26·726	− 2	...	...
...	43·494	− 4·462	− 1	...	...

129, 134. C.P.D., mass.
213, 214. C.P.D., suspected double.
216. Obscured by 2nd images of 213 and 214; 2nd image measured and corrected.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. -2.	C.P.D. No.	C.P.D. Mag.
241–300					
241	′	′		°	
...	−43·423	+ 7·817	− 5	...	...
...	43·349	+ 6·218	− 3	...	...
...	43·319	− 0·390	− 4	M	...
...	43·136	−37·626	− 4	...	...
...	43·098	+22·428	− 3	...	...
...	−43·064	−19·075	0·70	...	...
...	42·973	− 2·196	− 5	M	...
...	42·847	+ 2·672	− 5	...	...
...	42·808	+28·400	0·75	...	...
...	42·641	+25·751	− 4	...	...
251					
...	−42·638	+ 5·166	− 5	...	...
...	42·613	+35·145	− 4	...	...
...	42·264	+10·252	− 1	...	...
...	42·242	+12·548	0·70	...	...
...	42·211	+ 5·410	− 4	...	...
...	−42·111	+29·467	− 4	...	...
...	42·022	− 9·440	− 3	...	...
...	42·020	+16·794	0·90	45.2786	10·2
*	41·857	− 4·691	1·80	45.2785	9·5
*	41·853	+35·414	1·10	45.2787	9·8
261					
...	−41·701	+ 4·442	− 5	...	...
...	41·669	+15·290	− 5	...	...
...	41·658	+17·086	− 5	...	...
‡	41·614	− 9·964	1·80	46.2775	9·0
...	41·607	−53·274	0·70	...	...
...	−41·597	+10·285	− 5	...	...
...	41·532	+29·917	− 5	...	...
...	41·446	−49·430	− 5	M	...
*	41·425	−33·310	1·20	46.2776	9·6
...	41·380	−36·753	− 5	M	...
271					
...	−41·339	−41·643	0·70	...	...
†	41·191	−35·048	− 2	...	...
...	41·055	+53·893	− 5	...	...
...	41·039	+11·723	− 2	...	...
...	40·908	−57·684	0·65	...	...
...	−40·892	−21·147	− 5	M	...
*	40·677	+38·300	1·70	45.2788	9·4
...	40·490	+ 0·658	− 4	...	...
*	40·134	+23·067	1·30	45.2789	9·8
...	40·082	+58·985	− 4	...	...
281					
†	−39·978	+48·114	− 2	...	...
...	39·895	+ 2·508	− 4	...	...
...	39·883	+ 1·071	− 4	...	...
...	39·701	+24·386	0·80	45.2792	10·2
*	39·648	+11·756	1·60	45.2791	9·5
*	−39·610	+ 3·172	1·80	45.2790	9·2
...	39·578	− 3·413	− 4	M	...
*	39·526	+35·203	1·00	45.2794	10·1
*	39·518	+37·953	1·60	45.2793	9·4
*	39·448	−46·240	1·50	46.2778	9·6
291					
...	−39·415	+54·192	− 1	...	...
...	39·302	−20·911	− 2	...	...
*	39·200	+ 2·248	1·00	45.2795	9·8
...	39·161	+23·698	− 3	...	...
*	39·155	+46·902	1·00	45.2796	9·8
...	−39·124	+ 56536	− 4	...	...
...	39·110	+ 1·222	− 5	...	...
...	39·083	+14·170	− 3	...	...
...	39·042	+ 3·800	− 5	...	...
...	39·024	+ 2·325	− 3	...	...
301–360					
301	′	′		°	
*	−38·871	+51·042	1·00	45.2797	10·0
...	38·767	−47·649	− 1	...	...
...	38·763	+ 6·091	− 5	...	...
...	38·725	+35·169	0·90	45.2798	10·0
*	38·616	−25·684	1·00	46.2779	10·0
...	−38·611	−40·308	− 5	M	...
...	38·584	+ 7·308	− 3	...	...
...	38·520	+49·312	− 2	...	...
...	38·505	+ 3·686	− 4	...	...
...	38·305	−20·659	− 2	...	...
311					
N	−38·296	−44·495	− 4	...	...
...	37·992	−21·038	− 3	...	...
...	37·882	+ 6·527	− 4	...	...
...	37·878	+20·966	0·75	45.2800	10·2
*	37·875	+52·718	1·00	45.2802	10·0
*	−37·851	+ 5·628	1·10	45.2801	9·8
...	37·783	−19·238	− 4	...	...
...	37·760	+ 3·634	− 3	...	...
...	37·697	+14·119	− 1	...	...
*	37·689	− 2·008	1·90	45.2799	8·6
321					
...	−37·655	−19·657	− 2	...	...
...	37·643	−12·001	0·75	46.2782	10·2
...	37·635	−59·814	0·85	46.2780	10·2
...	37·605	−46·987	0·90	46.2781	10·2
...	37·525	−33·304	0·65	...	...
...	−37·439	−36·143	0·95	46.2783	10·1
...	37·247	−21·985	− 5	...	...
...	37·143	−29·596	− 4	...	...
...	37·055	−12·112	0·90	46.2784	10·2
...	37·049	+37·679	− 1	...	...
331					
...	−37·006	−16·507	− 3	...	...
...	37·002	− 3·744	− 2	...	...
...	36·946	+17·131	− 4	...	...
*	36·925	+ 3·609	1·10	45.2803	9·8
...	36·842	−33·035	0·80	...	...
...	−36·628	+20·976	0·65	45.2804	10·2
*	36·616	−17·924	0·90	46.2786	10·1
...	36·611	−31·015	− 4	...	...
...	36·583	−50·614	− 1	...	...
...	36·508	− 3·654	− 2	...	...
341					
...	−36·501	−14·730	0·95	46.2787	10·1
...	36·463	−54·023	0·90	46.2785	10·2
...	36·186	+15·087	− 4	...	...
...	35·951	+13·221	− 4	...	...
...	35·891	−46·934	− 5	...	...
...	−35·849	− 8·201	− 5	M	...
...	35·803	−26·160	− 1	...	...
*	35·758	−33·243	1·00	46.2788	10·1
...	35·742	−58·227	− 4	M	...
...	35·648	+50·486	− 4	...	...
351					
...	−35·630	+ 9·663	− 4	...	...
...	35·595	− 6·247	− 3	...	...
...	35·562	−36·720	− 4	...	...
...	35·473	+ 9·038	− 5	...	...
...	35·406	−54·356	0·85	46.2789	10·2
*	−35·395	− 7·032	1·00	46.2790	9·8
...	35·286	−27·935	0·85	...	...
...	35·174	+32·953	− 5	M	...
...	35·136	+49·352	− 1	45.2805	10·2
...	35·119	+43·378	− 3	...	...
361–420					
361	′	′		°	
†	−35·056	− 4·466	− 2	...	...
‡	34·980	+43·298	1·00	45.2806	9·6
...	34·920	− 9·089	− 3	...	...
...	34·898	−58·800	0·85	46.2791	10·2
...	34·841	+20·366	− 3	...	...
*	−34·777	−16·213	0·95	46.2793	10·0
*	34·765	−59·401	1·05	46.2792	10·1
...	34·698	+42·047	− 3	...	...
...	34·658	−33·590	− 2	...	...
...	34·598	+38·925	− 3	...	...
371					
...	−34·550	− 2·649	− 5	M	...
...	34·543	−47·857	− 2	...	...
...	34·482	+46·981	− 4	...	...
...	34·481	−27·842	− 5	M	...
...	34·478	− 8·071	− 3	...	...
...	−34·202	+46·689	0·75	...	...
...	34·068	− 3·443	− 5	M	...
...	34·064	+15·681	− 3	...	...
...	34·015	−27·972	− 5	M	...
...	33·945	− 9·390	0·85	46.2794	10·2
381					
...	−33·882	+29·741	0·80	45.2807	10·2
...	33·859	+43·160	− 5	M	...
*	33·841	+44·171	2·60	45.2808	8·3
...	33·487	+56·715	− 3	...	...
...	33·461	+31·282	0·65	...	...
...	−33·165	+40·210	− 5	...	...
...	33·163	+ 6·349	0·80	45.2809	10·2
‡	32·972	+54·824	1·20	44.2899	9·8
...	32·879	−48·846	− 5	M	...
*	32·839	+36·364	1·80	45.2812	9·4
391					
*	−32·839	+ 1·175	1·20	45.2810	9·8
*	32·750	−34·658	1·20	46.2795	9·8
*	32·703	− 2·932	0·90	45.2811	10·2
*	32·560	+14·073	1·00	45.2813	10·0
...	32·415	−51·915	− 2	...	...
...	−32·351	+ 9·797	− 4	...	...
...	32·333	− 4·892	− 4	M	...
...	32·297	+13·811	− 2	...	...
...	32·288	−21·130	0·85	46.2796	10·2
...	32·277	+42·661	− 5	M	...
401					
...	−31·990	+ 5·365	− 5	...	...
...	31·945	+36·725	− 5	M	...
...	31·940	−19·780	− 4	...	...
...	31·920	+13·819	− 5	...	...
...	31·884	+19·173	− 4	...	...
...	−31·787	− 6·945	− 3	...	...
*	31·605	+ 5·325	1·05	45.2814	10·0
*	31·592	+12·515	1·90	45.2815	9·2
...	31·588	+17·023	− 5	...	...
...	31·536	+36·356	0·90	45.2817	10·1
411					
...	−31·497	− 6·767	− 4	...	...
...	31·478	−29·618	− 5	M	...
*	31·444	+13·744	2·30	45.2816	8·8
*	31·421	+25·007	1·50	45.2818	9·6
...	31·323	−13·135	− 3	...	...
...	−31·228	−42·904	− 1	...	...
...	31·189	+41·230	− 4	...	...
...	31·103	+14·476	− 4	...	...
...	31·046	+ 8·194	− 5	M	...
...	30·937	+45·258	− 4	...	...

311. Mass. 47°52, no sign of duplicity.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
421-480					
421	′	′		°	
...	−30·736	+54·972	− 5	...	...
...	30·715	+42·548	0·90	45.2819	10·2
...	30·654	− 5·579	0·70	...	...
...	30·641	− 4·024	− 5	M	...
...	30·601	+32·629	− 5	...	...
...	−30·440	−41·920	− 5	M	...
...	30·367	−26·840	− 4	M	...
*	30·214	−16·501	1·10	46.2797	9·8
...	30·174	+20·807	− 3	...	...
...	30·121	− 4·279	0·85	45.2820	10·1
431					
...	−30·098	−28·128	− 4	...	...
†	29·995	−40·394	− 3	...	...
†	29·994	− 6·753	− 2	...	...
...	29·943	− 1·154	− 4	M	...
...	29·676	−53·666	− 2	46.2798	10·2
...	−29·573	+36·450	− 3	...	...
*	29·442	−42·714	1·10	46.2799	10·0
...	29·438	+13·918	− 5	...	...
...	29·415	− 4·104	− 4	M	...
...	29·400	−11·696	− 4	...	...
441					
...	−29·395	−15·704	− 4	...	...
...	29·151	−21·535	− 5	...	...
...	29·063	+46·988	− 4	...	...
...	28·981	+40·984	0·95	45.2822	10·1
...	28·966	+57·971	1·10	44.2909	10·1
...	−28·918	− 4·901	0·70	45.2821	10·2
...	28·790	+49·873	− 1	45.2823	10·1
*	28·778	+50·477	1·50	45.2824	9·3
...	28·721	+ 3·067	− 3	...	...
...	28·603	+19·104	− 2	...	...
451					
*	−28·526	− 6·303	1·10	46.2804	9·8
...	28·497	+42·433	− 3	...	...
*	28·469	−26·754	1·20	46.2802	9·8
*	28·455	−51·375	1·80	46.2800	9·2
...	28·429	+ 9·798	− 2	...	...
...	−28·414	−45·144	0·90	46.2801	10·2
*	28·370	−28·014	1·00	46.2803	9·8
...	28·348	−35·209	− 2	...	...
...	28·265	−49·184	− 4	...	...
...	28·257	+30·644	− 4	...	...
461					
...	−28·240	−18·077	− 5	...	...
...	28·229	−51·533	− 5	M	...
...	28·136	−18·521	− 3	...	...
...	28·093	− 7·718	− 1	46.2806	10·2
...	28·021	+50·368	− 3	...	...
...	−28·021	+33·837	− 4	...	...
...	28·008	+21·026	− 2	...	...
n *	27·903	−17·689	7·00	46.2805	5·5
...	27·876	+28·113	− 4	...	...
...	27·814	−21·278	− 3	...	...
471					
...	−27·807	− 5·796	− 1	...	...
...	27·739	−23·041	− 4	...	...
...	27·720	−19·283	− 3	...	...
...	27·670	−23·452	− 4	...	...
*	27·616	−52·925	1·40	46.2807	8·8
*	−27·530	−52·991	1·20		
...	27·496	−55·106	− 3	...	...
...	27·431	−11·050	− 3	...	...
n *	27·391	−17·364	1·10	46.2805	5·5
*	27·375	−11·565	1·00	46.2808	9·8
481-540					
481	′	′		°	
...	−27·331	+49·023	− 4	...	...
...	27·316	−12·714	− 3	...	...
...	27·314	−27·977	− 2	...	...
...	27·260	−49·078	− 4	...	...
...	27·128	+36·052	− 2	...	...
...	−27·086	+28·790	− 4	...	...
...	27·058	+28·499	− 3	...	...
...	26·829	−13·200	− 5	M	...
...	26·796	+26·856	− 4	...	...
*	26·745	+50·967	2·00	45.2825	8·7
491					
...	−26·709	−46·802	0·95	46.2809	10·1
...	26·633	+37·967	− 2	...	...
...	26·558	−37·420	− 2	...	...
*	26·541	−59·544	1·30	46.2810	9·8
...	26·490	+41·144	− 4	...	...
...	−26·487	+11·314	− 4	...	...
...	26·357	+51·358	− 5	...	...
...	26·346	−22·046	− 2	...	...
...	26·238	+36·390	0·95	45.2827	9·8
*	26·238	+15·523	1·60	45.2826	9·2
501					
*	−26·224	+28·706	0·90	45.2828	10·2
...	26·111	−10·164	− 4	...	...
*	26·094	+35·527	2·30	45.2829	8·6
...	25·995	+19·304	− 5	...	...
...	25·950	+31·149	− 4	...	...
...	−25·870	+37·329	− 3	...	...
...	25·521	+ 3·588	0·85	45.2830	10·2
...	25·373	−58·970	− 4	...	...
*	25·371	−22·660	1·20	46.2812	9·8
...	25·369	+50·067	− 5	...	...
511					
...	−25·361	− 7·930	− 5	M	...
...	25·328	+27·411	− 4	...	...
...	25·303	+41·345	0·80	45.2831	10·2
†	24·987	+ 7·166	0·85	45.2832	10·0
...	24·932	+43·790	− 5	...	...
...	−24·844	−41·797	− 5	M	...
...	24·842	−17·082	− 5	...	...
...	24·807	− 3·223	− 5	M	...
...	24·648	−37·094	0·80	46.2813	10·2
...	24·643	+29·487	− 2	...	...
521					
...	−24·573	+58·553	− 4	...	...
...	24·524	+17·675	− 5	...	...
...	24·504	+ 0·380	− 5	...	...
...	24·499	−24·739	− 5	M	...
...	24·342	+34·894	− 5	...	...
...	−24·223	−37·696	− 5	M	...
*	24·142	+53·372	1·00	45.2833	9·8
...	24·027	−46·779	− 5	M	...
...	23·968	+30·492	0·70	...	...
...	23·888	− 9·078	− 5	...	...
531					
...	−23·798	+39·117	− 2	...	...
*	23·563	+22·240	0·95	45.2834	9·8
...	23·496	−25·907	− 5	M	...
*	23·362	− 9·821	0·90	46.2814	10·0
...	23·345	−13·818	0·70	46.2815	10·2
...	−23·334	+49·975	− 3	...	...
...	23·210	+54·475	0·85	45.2835	10·0
...	22·969	−21·540	− 5	...	...
...	22·942	−19·547	− 5	M	...
...	22·927	−52·362	− 5	M	...
541-600					
541	′	′		°	
...	−22·898	+46·334	− 5	M	...
...	22·780	−58·355	− 5	...	...
...	22·769	−16·506	− 5	M	...
...	22·767	−35·945	− 4	M	...
...	22·758	−35·785	− 5	M	...
...	−22·717	+31·938	0·65	...	...
*	22·715	−16·192	2·00	46.2816	9·1
...	22·713	−36·862	− 5	M	...
...	22·564	−44·707	− 5	...	...
...	22·507	+ 1·279	− 5	...	...
551					
...	−22·495	+43·177	− 5	...	...
...	22·433	+14·293	− 5	...	...
*	22·427	−28·160	1·15	46.2817	9·6
*	22·207	+36·097	2·30	45.2836	8·6
...	22·160	+ 5·486	− 3	...	...
...	−22·160	−37·150	− 3	...	...
...	21·939	+29·102	− 5	...	...
‡	21·905	+59·645	1·60	44.2922	9·6
...	21·877	+21·557	0·65	45.2837	10·2
...	21·860	+28·365	− 2	...	...
561					
...	−21·852	+16·660	− 4	...	...
...	21·820	−57·506	0·65	...	...
...	21·780	+39·259	− 5	...	...
*	21·711	− 4·248	1·00	45.2838	9·8
*	21·566	−48·603	1·00	46.2818	10·0
...	−21·488	+15·969	− 3	...	...
...	21·468	−50·811	− 5	M	...
...	21·424	−10·591	− 4	M	...
...	21·329	−23·366	− 4	...	...
...	21·284	+37·128	− 3	...	...
571					
...	−21·183	−10·851	− 5	M	...
S *	21·093	−57·680	6·40	46.2819	6·0
...	21·048	+59·072	0·90	44.2924	10·1
...	21·048	+19·063	− 5	...	...
...	21·031	+34·068	− 4	...	...
*	−21·011	− 2·309	0·95	45.2839	9·8
...	20·974	+16·429	− 3	...	...
...	20·965	−39·821	− 5	...	...
...	20·835	−53·484	− 5	M	...
...	20·735	+31·652	− 5	...	...
581					
...	−20·697	− 5·356	− 4	M	...
...	20·644	+ 0·367	− 5	...	...
...	20·362	−49·272	− 5	M	...
*	20·312	+33·987	0·95	45.2841	10·0
...	20·308	+ 8·545	0·90	45.2840	10·0
...	−20·285	−46·478	− 2	...	...
...	20·236	+11·204	− 5	...	...
...	20·198	−26·627	− 5	M	...
‡	20·153	+46·388	2·00	45.2842	8·8
‡	19·982	−13·025	1·20	46.2822	9·8
591					
...	−19·883	−48·625	− 3	...	...
*	19·808	+37·460	1·20	45.2843	9·6
...	19·579	−45·197	− 4	...	...
...	19·361	−19·856	− 1	46.2823	10·2
...	19·326	+56·619	− 2	44.2930	10·2
...	−19·314	+ 6·217	− 4	...	...
...	19·186	+ 2·275	− 4	...	...
...	19·185	−17·530	0·65	46.2824	10·2
...	19·168	+23·730	− 5	...	...
*	18·898	+35·273	1·20	45.2844	9·8

468, 479. C.P.D., possibly mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
601-660					
601					
...	−18·883	+41·796	− 3	...	...
...	18·742	+ 5·621	− 4	...	...
...	18·689	+26·121	− 3	...	...
...	18·604	+ 2·252	− 3	...	...
...	18·559	−20·097	− 4	...	...
...	−18·470	+30·597	− 4	A	...
...	18·447	−41·903	0·85	46.2825	10·2
...	18·446	+ 3·876	− 5	...	...
...	18·403	−29·112	− 5	...	...
...	18·316	+ 5·174	− 5	...	...
611					
...	−18·270	−40·598	− 4	...	...
...	18·245	+35·739	− 4	...	...
...	18·203	−26·298	− 3	...	...
*	18·126	−31·771	1·10	46.2826	10·0
...	18·099	+20·312	0·90	45.2845	10·0
...	−18·004	−40·247	− 4	...	...
...	17·909	+50·658	− 3	...	...
*	17·762	+ 4·796	1·30	45.2846	9·6
...	17·757	−19·388	− 5	...	...
...	17·658	+42·668	− 4	A	...
621					
...	−17·630	+28·014	− 4	...	...
...	17·628	+ 5·460	− 4	...	...
...	17·622	+58·879	− 3	...	...
...	17·490	− 1·677	− 3	...	...
...	17·472	−37·989	− 4	...	...
*	−17·440	+53·490	1·00	45.2847	9·8
*	17·344	−58·223	1·20	46.2827	9·8
*	17·322	− 5·859	1·20	46.2828	9·6
...	17·293	− 3·684	− 1	45.2848	10·2
...	17·249	+ 1·913	− 2	...	...
631					
...	−17·237	+57·255	− 4	...	...
...	17·022	+48·854	0·90	45.2849	10·1
...	16·854	+30·180	− 5	...	...
...	16·714	+41·616	− 1	...	...
*	16·695	+48·349	1·80	45.2850	9·0
...	−16·690	+27·051	− 3	...	...
...	16·609	−16·313	− 4	...	...
...	16·516	−12·992	− 4	...	...
...	16·386	+20·231	− 3	...	...
*	16·257	+ 0·736	0·95	45.2852	9·8
641					
...	−16·204	+ 1·408	0·85	45.2853	10·0
...	16·203	+22·694	0·90	45.2851	10·2
...	16·200	−46·926	− 5	...	...
...	16·115	−27·618	− 1	...	...
...	16·008	+21·380	− 5	...	...
...	−16·002	+58·667	− 3	...	...
*	15·915	−16·213	1·60	46.2830	9·3
*	15·911	−37·123	1·20	46.2829	9·6
...	15·867	+43·222	− 4	...	...
...	15·623	+51·182	− 4	...	...
651					
*	−15·605	− 4·933	1·20	45.2854	9·8
...	15·602	+19·440	− 4	...	...
...	15·436	− 6·576	− 3	...	...
S*	15·416	+56·817	5·50	44.2936	6·0
...	15·385	+50·877	− 4	...	...
*	−15·355	−24·415	1·30	46.2831	9·6
...	15·343	+54·392	− 4	...	...
...	15·239	−23·349	0·65	46.2833	10·2
*	15·227	+32·264	1·10	45.2855	9·8
...	15·168	−47·221	0·65	46.2834	10·2
661-720					
661					
‡	−15·017	−34·461	0·90	46.2835	10·0
...	14·934	+18·017	− 5	...	...
*	14·923	+25·320	1·05	45.2857	9·8
...	14·855	−44·628	− 5	M	...
*	14·794	+14·584	1·80	45.2856	9·4
...	−14·627	− 5·670	− 5	M	...
...	14·601	−34·094	− 4	...	...
*	14·274	−22·651	1·50	46.2836	9·5
...	14·258	−55·818	0·75	46.2837	10·2
...	14·075	+56·443	− 2	...	...
671					
...	−14·031	+43·739	− 4	...	...
...	14·004	− 1·752	− 5	...	...
*	13·936	+38·433	1·05	45.2858	9·8
...	13·935	−35·126	− 1	46.2838	10·2
...	13·904	+42·039	− 3	...	...
...	−13·707	+38·784	− 4	...	...
†	13·684	−15·023	− 4	M	...
...	13·672	+28·349	− 5	...	...
...	13·577	+36·597	− 3	...	...
...	13·309	−26·551	− 3	...	...
681					
...	−13·201	−21·820	0·80	46.2839	10·2
...	13·137	+21·370	− 5	...	...
...	13·117	−26·454	− 5	M	...
...	13·111	+41·802	− 4	...	...
...	13·033	− 7·011	− 5	M	...
*	−13·032	− 7·447	1·35	46.2840	9·6
...	13·023	+ 4·658	0·70	...	...
...	12·986	+44·032	− 1	...	...
...	12·921	+59·285	0·85	44.2944	10·2
n	12·860	−35·342	0·65	46.2844	10·1
691					
...	−12·803	− 5·528	− 5	...	...
...	12·781	−11·846	0·90	46.2843	10·0
n	12·763	−35·330	0·65	46.2844	10·1
...	12·539	−26·689	− 2	...	...
...	12·401	+20·180	− 3	...	...
...	−12·320	−40·662	− 5	M	...
...	12·194	−51·213	− 3	...	...
*	12·191	− 2·278	1·80	45.2859	9·2
...	12·144	+50·904	0·75	...	...
...	12·112	− 8·770	− 3	...	...
701					
...	−12·109	+55·147	− 5	M	...
...	11·963	− 5·648	0·70	...	...
...	11·943	−15·954	− 5	M	...
...	11·903	−10·712	− 2	...	...
*	11·878	+27·180	1·00	45.2860	9·8
...	−11·847	−10·957	− 2	...	...
...	11·818	+49·652	− 3	...	...
...	11·818	+48·511	0·65	...	...
*	11·759	−32·501	0·90	46.2846	10·0
...	11·501	+45·799	− 5	M	...
711					
...	−11·468	−45·044	− 5	...	...
...	11·403	−41·521	− 3	...	...
...	11·327	−19·352	− 2	...	...
*	11·314	+24·194	1·50	45.2861	9·5
...	11·314	−27·308	− 5	...	...
...	−11·307	−24·170	0·85	46.2847	10·1
*	11·274	−10·214	0·95	46.2848	10·0
...	11·249	+42·152	− 5	M	...
...	11·178	+ 7·891	− 5	M	...
...	11·154	−12·655	− 4	...	...
721-780					
721					
*	−11·150	+37·929	2·10	45.2862	8·9
...	11·092	−35·413	− 5	...	...
...	11·012	−36·924	− 3	...	...
*	10·959	− 2·724	0·95	45.2863	10·0
...	10·946	− 7·679	− 3	...	...
...	−10·901	− 5·879	0·65	...	...
...	10·672	+46·273	− 3	...	...
...	10·667	−46·225	0·75	46.2849	10·2
...	10·516	−17·945	− 4	...	...
...	10·481	+52·360	− 5	...	...
731					
...	−10·471	+35·457	− 4	...	...
...	10·447	−41·214	− 4	...	...
...	10·411	+39·400	0·85	45.2864	10·0
*	10·356	+52·756	1·00	45.2865	9·8
...	10·310	−37·946	− 4	...	...
...	−10·179	−50·459	− 3	...	...
...	10·163	− 9·953	− 5	M	...
‡	10·130	−23·885	1·50	46.2850	9·8
†	10·016	−43·423	− 5	...	...
*	9·954	−42·028	1·40	46.2851	9·5
741					
S ‡	− 9·950	−13·228	3·00	46.2852	8·2
...	9·910	−46·352	− 4	...	...
...	9·900	−34·886	− 4	...	...
...	9·890	−26·396	− 4	...	...
...	9·887	+11·858	− 1	...	...
...	− 9·816	−43·046	− 3	...	...
...	9·746	+ 3·869	− 3	...	...
...	9·568	−42·938	0·90	46.2853	9·8
*	9·564	+41·203	1·00	45.2866	9·8
...	9·517	+48·128	− 3	...	...
751					
...	− 9·484	−26·533	− 5	M	...
...	9·479	−57·706	0·95	46.2854	10·2
...	9·367	+56·866	− 2	...	...
...	9·357	+31·469	− 4	...	...
...	9·256	−52·427	0·90	46.2855	10·2
...	− 9·215	−44·080	− 1	46.2856	10·2
...	9·144	+38·357	− 4	...	...
...	9·121	+55·725	− 2	44.2954	10·2
...	8·830	−59·354	− 5	...	...
*	8·774	+44·241	0·95	45.2867	10·0
761					
...	− 8·772	+27·404	0·85	45.2868	10·1
*	8·747	+33·615	1·20	45.2870	9·6
...	8·744	−19·681	− 5	M	...
...	8·701	+35·374	0·85	45.2869	10·0
...	8·684	−47·705	− 4	...	...
...	− 8·603	−40·885	− 5	...	...
...	8·467	+30·621	− 4	...	...
...	8·396	−10·315	− 2	46.2857	10·2
†	8·391	−44·896	− 3	...	...
...	8·384	−16·138	− 1	46.2858	10·2
771					
...	− 8·334	− 4·604	0·90	45.2871	10·0
...	8·308	− 0·452	− 5	M	...
...	8·276	+49·905	− 4	...	...
...	8·255	+32·074	0·90	45.2872	10·0
...	7·899	− 8·709	− 5	M *m*	...
...	− 7·899	−22·886	− 4	...	...
...	7·782	+ 5·598	− 1	...	...
...	7·752	+ 1·164	− 4	*m*	...
...	7·664	+52·335	1·00	45.2874	9·8
...	7·583	− 0·774	0·80	45.2873	10·2

690, 693. C.P.D., mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
781–840					
781	′	′		°	
...	− 7·437	−53·525	− 1	...	...
...	7·311	−46·046	− 5	...	...
...	7·301	−30·404	− 4	...	...
...	7·256	+11·235	0·65	45.2875	10·2
...	7·249	−39·696	0·65	46.2859	10·2
...	− 7·247	−55·249	− 4	...	...
*	7·192	+28·918	0·90	45.2876	10·0
*	7·137	−32·042	1·50	46.2860	9·6
*	7·093	+48·287	2·60	45.2877	8·4
*	7·089	+ 9·023	1·00	45.2878	10·0
791					
*	− 6·986	+33·030	0·95	45.2879	10·0
...	6·922	+14·762	− 4	...	...
...	6·901	+54·652	− 3	...	...
...	6·869	−42·386	− 5	M	...
...	6·760	+ 9·370	− 5	...	...
...	− 6·591	+26·988	0·80	45.2880	10·2
...	6·571	−28·062	− 5	M	...
*	6·492	− 7·130	1·80	46.2861	9·2
...	6·441	−18·045	− 3	...	...
*	6·433	−52·840	0·95	46.2862	10·0
801					
...	− 6·372	−14·430	− 2	...	...
...	6·242	−59·366	− 5	...	...
...	6·187	+46·121	− 5	...	...
...	6·182	+ 6·093	− 3	...	...
†	5·895	+44·732	− 2	...	...
...	− 5·863	+24·433	− 2	...	...
*	5·832	−52·795	1·90	46.2863	8·7
...	5·800	− 2·328	− 5	M *m*	...
...	5·748	−48·783	0·90	46.2864	10·0
...	5·700	+37·993	− 5	...	...
811					
...	− 5·664	+50·324	− 5	...	...
...	5·574	+45·199	− 1	45.2881	10·2
*	5·537	−24·482	0·95	46.2865	9·8
...	5·462	+ 8·795	− 4	...	...
*	5·350	−26·989	3·40	46.2866	7·6
...	− 5·321	+ 0·387	− 3	α *m*	...
*	5·288	+53·761	2·00	45.2882	8·6
...	5·211	−51·735	− 5	...	...
...	5·206	− 8·323	− 3	...	...
†	5·123	− 1·028	− 5	M *m*	...
821					
†	− 5·034	+37·623	− 5	...	...
...	4·997	+16·482	− 5	...	...
...	4·806	−37·721	− 1	...	...
...	4·770	+50·875	− 4	...	...
...	4·707	−15·207	− 5	M *m*	...
...	− 4·524	−22·897	− 4	M *m*	...
*	4·483	−17·914	1·35	46.2867	9·6
...	4·415	−15·652	− 4	...	...
*	4·356	−11·675	1·40	46.2868	9·6
...	4·293	− 3·601	0·80	45.2883	10·2
831					
...	− 4·162	−37·959	− 5	M	...
...	4·161	− 5·299	− 3	...	...
...	4·075	−49·147	− 5	M *m*	...
...	4·046	+ 7·752	0·70	45.2884	10·2
...	3·955	−48·749	− 2	...	...
...	− 3·947	+13·303	− 5	...	...
...	3·831	−14·595	− 3	...	...
...	3·779	−38·196	− 4	...	...
N α *f*	3·668	+ 0·213	0·70	45.2886	9·8
N *f*	3·625	+ 0·128	0·70		
841–900					
841	′	′		°	
...	− 3·544	−16·682	0·65	...	...
*	3·533	+19·087	1·15	45.2885	9·6
...	3·412	+31·572	− 3	...	...
...	3·397	+36·359	− 5	...	...
...	3·305	−25·160	− 5	M	...
*	− 3·150	−44·047	0·85	46.2871	10·2
...	3·144	+56·020	− 4	...	...
*	3·128	−43·478	0·95	46.2869	10·0
...	3·075	− 8·529	− 3	...	...
...	3·071	+44·471	0·80	45.2887	10·2
851					
‡	− 3·061	−20·018	0·90	46.2870	10·0
*	3·018	+47·919	2·60	45.2888	8·0
*	3·007	+ 8·169	2·40	45.2889	8·4
*	2·783	+33·117	1·90	45.2890	8·9
...	2·773	+34·635	− 4	...	...
...	− 2·764	+13·177	− 4	...	...
...	2·554	−57·151	− 4	...	...
*	2·521	−39·327	2·20	46.2872	8·6
...	2·184	+40·841	− 4	...	...
...	2·140	−46·741	− 5	M	...
861					
...	− 2·062	+23·994	− 5	M *m*	...
*	2·017	−42·687	1·10	46.2873	9·8
*	1·952	−43·803	2·00	46.2874	8·8
...	1·764	+53·890	− 4	...	...
†	1·644	+39·769	− 5	...	...
...	− 1·632	+54·054	0·65	45.2891	10·2
...	1·617	− 7·423	− 5	M *m*	...
...	1·506	+39·652	− 3	...	...
...	1·475	+23·891	− 5	...	...
...	1·410	−23·807	− 4	...	...
871					
...	− 1·385	+25·607	− 3	...	...
*	1·334	+46·251	0·90	45.2892	10·0
...	1·332	−16·256	− 5	M *m*	...
...	1·235	+ 5·573	− 5	M *m*	...
...	1·216	+16·915	− 3	...	...
...	− 1·148	−58·045	− 5	...	...
‡	1·139	+44·825	0·95	45.2893	9·8
*	1·091	+43·847	1·00	45.2894	9·8
...	1·056	−46·299	− 5	...	...
...	0·785	−42·053	− 3	...	...
881					
*	− 0·640	−16·380	1·20	46.2875	9·8
...	0·558	+13·997	0·75	45.2895	10·2
...	0·482	−25·136	− 5	M	...
*	0·440	− 5·245	2·00	45.2896	9·4
...	0·346	+38·240	− 3	...	...
...	− 0·324	−15·520	− 4	...	...
...	0·268	−17·400	0·80	46.2876	10·2
...	0·244	+19·466	− 4	...	...
...	0·238	+14·189	− 1	...	...
†	− 0·153	−25·504	0·70	46.2877	10·2
891					
...	+ 0·104	+14·725	− 5	...	...
...	0·117	−36·441	− 1	46.2878	10·1
...	0·250	−17·736	− 5	M *m*	...
N [	0·351	+13·241	− 1	45.2897	9·8
N [	0·360	+13·190	0·90		
...	+ 0·364	−19·956	− 5	M *m*	...
...	0·384	−34·255	− 4	...	...
...	0·480	−44·425	− 4	...	...
*	0·519	+ 2·602	2·80	45.2900	8·6
*	0·539	+43·923	0·90	45.2898	10·0
901–960					
901	′	′		°	
...	+ 0·586	+13·856	0·85	45.2901	10·2
...	0·673	+17·707	0·90	45.2899	10·1
...	0·678	−14·570	− 4	...	...
...	0·758	−15·817	− 4	...	...
...	0·828	+21·314	− 4	...	...
...	+ 0·882	−54·393	− 3	...	...
...	0·894	+19·038	− 3	...	...
...	0·974	−17·452	− 3	...	...
...	1·030	+12·229	− 3	...	...
...	1·058	+19·400	− 4	...	...
911					
...	+ 1·135	+56·012	− 5	...	...
†	1·190	+29·808	− 5	...	...
*	1·196	+51·434	1·20	45.2902	9·8
...	1·543	+36·240	− 1	...	...
...	1·570	−57·513	− 5	...	...
...	+ 1·615	+19·409	− 2	45.2905	10·2
*	1·627	+28·074	1·80	45.2903	9·4
*	1·653	+27·385	1·00	45.2904	9·8
...	1·874	−45·656	− 5	M *m*	...
†	2·005	+39·756	− 5	...	...
921					
...	+ 2·007	−57·617	0·80	46.2879	10·2
...	2·033	−30·560	− 5	...	...
...	2·081	+23·370	− 4	...	...
F *m* *	2·083	+ 0·177	1·70	45.2906	9·6
...	2·222	+43·341	− 3	...	...
...	+ 2·295	+23·247	− 4	*m*	...
...	2·344	−16·444	− 4	...	...
...	2·391	−40·441	− 4	...	...
...	2·478	+45·885	− 2	...	...
S *	2·495	+15·602	2·60	45.2907	8·4
931					
*	+ 2·500	+21·039	1·00	45.2908	9·8
...	2·516	+55·542	− 5	...	...
...	2·528	−50·859	− 5	...	...
...	2·592	−37·470	− 5	...	...
...	2·672	+ 0·482	− 3	M	...
...	+ 2·675	− 3·466	− 3	...	...
*	2·762	−42·966	1·60	46.2880	9·4
*	2·795	−39·032	1·20	46.2881	9·4
...	2·799	−42·347	− 5	M *m*	...
...	2·848	+29·902	− 1	45.2909	10·2
941					
...	+ 2·871	+13·425	0·65	45.2910	10·1
...	2·900	+27·779	− 4	...	...
...	2·911	−15·995	− 2	...	...
...	2·921	−51·966	− 4	...	...
...	2·948	−30·181	− 4	...	...
...	+ 2·955	− 1·156	0·90	45.2911	10·1
...	2·984	−22·682	− 2	...	...
...	3·007	+29·704	− 5	...	...
*	3·011	−34·241	2·00	46.2882	8·9
...	3·012	+ 8·770	− 2	...	...
951					
*	+ 3·047	+17·571	1·20	45.2913	9·8
...	3·069	+34·698	− 3	...	...
...	3·075	+ 9·206	− 3	...	...
...	3·098	+18·334	− 3	...	...
*	3·154	+48·978	2·00	45.2912	8·7
*	+ 3·300	−17·075	1·40	46.2883	9·6
...	3·453	+36·143	− 3	...	...
...	3·548	−41·068	0·70	46.2884	10·2
...	3·619	−23·856	− 3	...	...
‡	3·729	+24·809	1·40	45.2916	9·4

839, 840. 47° 53, mass.
894, 895. 45° 52, 45° 53, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
961-1020					
961					
*	+ 3·763	+20·057	1·15	45.2915	9·8
...	3·832	−18·960	− 3	...	...
...	3·863	− 6·855	− 3	...	...
*	3·884	+53·397	1·10	45.2914	9·8
...	3·928	+42·681	− 2	...	...
...	+ 3·944	−43·347	− 3	46.2888	10·2
...	3·952	+14·801	− 4	...	...
...	3·958	+40·608	− 5	...	...
...	4·042	−32·010	− 4	...	...
...	4·044	−47·293	− 3	...	...
971					
...	+ 4·047	−26·843	− 5	M *m*	...
*	4·048	−51·700	1·10	46.2889	9·8
*	4·050	−30·172	0·95	46.2887	9·8
...	4·250	−19·837	− 5	M *m*	...
...	4·306	−59·135	− 2	...	...
...	+ 4·363	−34·389	− 5	...	...
...	4·374	+41·884	− 1	...	...
...	4·454	−40·433	− 4	...	...
...	4·467	+47·376	− 5	...	...
...	4·502	+39·623	0·80	45.2917	10·2
981					
*	+ 4·556	+43·480	0·90	45.2918	10·1
*	4·591	−17·948	1·00	46.2890	9·8
...	4·607	−26·454	− 5	M	...
...	4·625	+14·141	− 2	...	...
...	4·683	−30·512	0·90	46.2891	9·8
...	+ 4·687	−17·297	− 5	M *m*	...
...	4·784	− 3·757	− 1	45.2919	10·2
‡	4·784	−26·232	4·00	46.2892	7·7
*	4·786	+14·560	1·00	45·2920	9·8
†	4·902	+23·397	− 5	...	...
991					
†	+ 4·945	−10·582	− 1	46.2893	10·2
...	4·976	+17·954	0·90	45.2921	10·0
...	4·990	−19·726	− 4	M	...
...	4·997	−34·109	− 5	M	...
...	5·411	−24·765	− 5	M	...
...	+ 5·472	−47·760	− 1	...	...
...	5·537	− 3·097	− 5	M *m*	...
*	5·605	− 8·334	2·20	46.2894	8·8
...	5·610	+17·892	0·80	45.2922	10·2
...	5·619	−46·796	− 1	...	...
1001					
...	+ 5·925	+50·630	− 3	...	...
...	5·978	− 7·084	− 5	M	...
...	6·013	+31·175	− 5	M *m*	...
*	6·209	+27·182	2·10	45.2923	8:8
...	6·289	+42·471	− 2	...	...
...	+ 6·314	+ 1·227	0·90	45.2925	10·2
...	6·382	+43·701	0·75	45.2924	10·2
...	6·417	−45·975	− 5	M *m*	...
...	6·463	+ 8·865	− 2	46.2895	10·2
...	6·485	+19·123	0·90	45.2926	10·1
1011					
...	+ 6·637	−26·592	− 5	M	...
...	6·738	−23·331	− 5	M *m*	...
...	6·776	+22·733	− 5	...	...
...	6·883	+15·243	− 5	...	...
...	7·000	+ 8·718	− 5	M *m*	...
...	+ 7·023	+ 4·481	− 5	*m*	...
...	7·220	+28·472	0·80	...	...
...	7·259	+30·028	− 4	...	...
*	7·370	−48·325	1·60	46.2897	9·4
...	7·400	+48·433	− 5	...	...
1021-1080					
1021					
...	+ 7·525	−45·481	− 5	M *m*	...
*	7·560	−35·078	0·95	46.2898	9·8
*	7·572	+57·473	1·00	44.2992	9·8
*	7·644	+25·036	1·00	45.2927	9·8
...	7·676	−36·926	− 5	M *m*	...
...	+ 7·705	−32·913	− 4	M	...
...	7·757	+ 1·467	− 5	...	...
...	7·960	−33·289	0·75	46.2899	10·2
...	7·982	−19·090	− 3	...	...
...	8·118	− 4·170	− 5	*m*	...
1031					
...	+ 8·220	+11·883	0·80	45.2929	10·1
*	8·246	+52·781	1·80	45.2928	9·2
*	8·302	−34·503	1·20	46.2900	9·8
...	8·318	+26·882	− 5	...	...
...	8·357	−24·421	− 4	*m*	...
...	+ 8·368	+27·650	0·80	45.2930	10·2
...	8·372	+29·225	0·90	45.2931	10·1
...	8·494	−22·857	− 5	*m*	...
...	8·585	−27·022	0·70	46.2901	10·2
...	8·589	+42·925	− 2	...	...
1041					
...	+ 8·616	−42·940	− 5	...	...
...	8·618	−39·270	− 3	...	...
*	8·639	−54·009	0·90	46.2903	10·1
...	8·676	−18·073	− 5	*m*	...
S*	8·741	−45·225	3·80	46.2902	7·6
...	+ 8·784	+ 8·034	− 3	...	...
...	8·830	+ 6·925	0·70	45.2932	10·2
...	8·849	− 0·312	− 5	*m*	...
...	8·908	−43·841	− 5	*m*	...
...	8·925	+17·275	− 5	...	...
1051					
...	+ 8·978	+15·177	− 5	...	...
...	9·002	−42·590	− 5	...	...
...	9·059	−32·156	− 5	...	...
...	9·125	−59·274	− 5	...	...
...	9·178	−33·503	0·85	46.2904	10·2
...	+ 9·207	+34·175	− 5	...	...
...	9·248	+24·701	− 5	...	...
...	9·326	−42·667	− 5	*m*	...
...	9·367	−48·405	0·80	46.2905	10·2
...	9·387	+35·145	− 3	...	...
1061					
...	+ 9·477	−44·637	− 3	...	...
...	9·491	+38·034	0·70	45.2933	10·2
...	9·522	+49·963	− 4	...	...
*	9·780	−43·442	1·05	46.2906	9·8
†	9·808	+16·567	0·80	45.2934	10·2
†	+ 9·838	+22·657	− 4	...	...
†	9·863	+ 1·538	− 5	...	...
†	9·868	−51·120	− 1	...	...
†	9·920	+36·650	− 4	...	...
†	9·925	−17·397	− 2	46.2907	10·2
1071					
...	+ 9·960	+43·186	0·90	45.2935	10·2
...	10·034	+58·006	− 3	...	...
...	10·108	+ 4·995	− 3	...	...
...	10·141	−10·127	0·80	46.2909	10·2
...	10·145	−45·364	− 4	*m*	...
...	+10·167	+49·427	− 5	...	...
...	10·201	−29·587	− 4	...	...
...	10·208	+40·235	− 5	*a*	...
*	10·223	+ 3·342	1·40	45.2936	9·8
...	10·230	−40·123	− 3	...	...
1081-1140					
1081					
...	+10·380	− 1·032	− 2	...	...
...	10·555	−48·620	− 4	...	...
...	10·605	−39·157	− 2	...	...
...	10·641	+26·592	0·80	45.2937	10·2
...	10·717	−52·379	− 5	*m*	...
...	+10·803	+28·198	0·90	45.2938	10·0
...	10·910	−51·159	− 4	...	...
...	10·930	−32·667	− 2	...	...
*	11·019	+23·951	1·10	45.2939	9·8
*	11·138	−20·747	1·80	46.2910	9·2
1091					
*	+11·317	−41·668	2·00	46.2911	8·6
...	11·337	+25·328	0·75	45.2940	10·1
...	11·342	+15·753	− 5	*a*	...
*	11·358	+58·197	1·00	44.3006	9·8
*	11·383	+37·873	1·20	45.2941	9·8
...	+11·397	+53·822	− 5	...	...
...	11·416	+30·709	− 4	...	...
...	11·567	−39·381	0·80	46.2912	10·1
...	11·569	+ 3·170	− 5	...	...
*	11·662	−44·869	0·90	46.2914	9·8
1101					
†	+11·747	−15·101	− 3	46.2913	10·2
...	11·795	+29·931	− 3	...	...
...	11·968	+41·431	− 5	...	...
...	11·997	−17·318	− 4	...	...
...	12·027	−41·673	− 4	...	...
...	+12·036	+23·545	− 4	...	...
*	12·164	+40·490	1·60	45.2942	9·6
...	12·169	−32·137	0·80	...	...
...	12·185	− 1·291	− 1	45.2944	10·2
...	12·233	−36·620	− 4	...	...
1111					
...	+12·311	−32·411	− 5	...	...
*	12·347	+16·130	1·10	45.2943	9·8
...	12·405	+29·549	− 1	...	...
*	12·430	−36·783	1·00	46.2915	9·8
...	12·493	+32·501	− 3	...	...
...	+12·513	+46·220	− 4	...	...
...	12·514	+26·843	0·75	45.2946	10·2
...	12·526	+58·330	− 4	...	...
...	12·530	+11·829	− 5	...	...
...	12·557	+ 8·650	− 3	...	...
1121					
*	+12·559	+ 1·062	1·60	45.2945	9·6
*	12·571	−28·953	0·95	46.2916	10·2
...	12·711	+10·792	− 3	...	...
...	12·720	−56·479	− 3	...	...
...	12·777	+38·375	− 4	...	...
*	+12·806	+12·218	1·00	45.2947	10·0
...	12·811	−41·258	− 4	...	...
*	12·817	−50·097	1·50	46.2917	9·6
...	12·863	+ 8·921	0·65	45.2949	10·2
n *	12·913	+50·826	1·40	45.2948	9·6
1131					
n	+12·979	+14·673	− 4	45.2950	10·2
n	12·981	+50·631	− 1	45.2948	9·6
...	13·025	+16·463	− 3	...	...
n	13·161	+14·729	− 4	45.2950	10·2
...	13·171	+30·457	− 4	...	...
...	+13·334	+14·018	0·80	45.2951	10·2
...	13·336	+38·116	− 4	...	...
...	13·454	−19·459	− 2	...	...
...	13·456	+57·684	− 5	...	...
†	13·529	−10·061	− 4	*m*	...

1130, 1132. C.P.D., mass.
1131, 1134. C.P.D., possibly mass.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
1141-1200					
1141					
...	+13′538	− 0′263	− 1	° ...	...
...	13·668	+24·349	− 5	...	...
*	13·701	−12·025	0·95	46.2918	10·1
...	13·823	+ 9·557	− 5	...	...
*	13·827	−56·489	1·30	46.2921	9·6
...	+13·878	−10·903	− 1	46.2919	10·2
...	13·885	+51·982	− 2	45.2952	10·2
...	13·930	−18·615	− 3	...	...
...	13·931	+30·272	0·90	45.2953	10·2
*	13·938	+58·283	1·20	44.3015	9·8
1151					
...	+14·044	−27·283	− 5	*m*	...
...	14·133	+41·301	− 4	...	...
N [	14·235	− 6·461	0·90	46.2920	9·2
N* [	14·307	− 6·501	1·30		
...	14·240	− 6·316	− 4	*m*	...
...	+14·284	−23·144	− 5	*m*	...
†	14·301	+14·911	− 1	45.2954	10·2
...	14·343	−47·030	− 4	*m*	...
...	14·478	+27·705	− 3	...	...
...	14·534	+35·231	− 3	...	...
1161					
*	+14·567	+17·248	1·40	45.2955	9·6
...	14·583	− 1·084	− 5	*m*	...
...	14·610	−17·704	− 3	...	...
...	14·678	+38·580	0·80	45.2956	10·2
*	14·708	+22·858	1·30	45.2957	9·8
...	+14·749	− 6·425	− 3	...	...
*	14·759	+18·147	1·10	45.2958	9·8
†	14·832	−17·559	− 4	...	...
†	14·924	−39·283	0·80	46.2922	10·0
...	15·119	−46·001	0·95	46.2923	10·0
1171					
...	+15·134	+49·993	− 5	...	...
*	15·154	−56·653	1·10	46.2924	9·8
*	15·181	+24·988	1·05	45.2959	9·8
...	15·413	+11·614	0·90	45.2961	10·2
*	15·436	− 2·788	1·60	45.2962	9·6
...	+15·449	+56·259	− 3	...	...
...	15·456	+59·461	− 5	...	...
*	15·510	+ 8·676	0·90	45.2964	10·0
†	15·589	+29·881	− 5	...	...
...	15·649	+35·054	0·75	45.2963	10·2
1181					
*	+15·656	+41·993	1·40	45.2960	9·6
...	15·680	+29·937	− 5	...	...
...	15·754	+52·349	− 4	...	...
...	15·770	−56·427	− 5	...	...
...	15·843	+13·412	− 3	...	...
*	+15·872	−48·913	1·00	46.2925	9·8
*	15·890	+ 7·673	1·15	45.2965	9·6
*	15·895	+ 1·210	2·80	45.2966	8·6
...	15·903	+33·839	− 5	...	...
...	15·916	− 1·029	− 5	*m*	...
1191					
...	+15·918	+33·109	0·65	...	...
...	15·962	+18·190	− 4	...	...
...	15·975	+46·083	− 2	...	...
...	15·979	+53·877	− 4	...	...
...	16·038	−46·004	− 4	...	...
...	+16·115	+13·668	− 3	...	...
...	16·272	+11·762	0·80	45.2967	10·2
...	16·276	+49·534	− 2	...	...
...	16·365	+40·281	− 5	...	...
...	16·598	− 5·939	− 5	*m*	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
1201-1260					
1201					
‡	+16′618	+ 9′875	1·80	° 45.2968	9·0
‡	16·633	+29·081	− 5	...	...
*	16·643	−46·761	1·00	46.2927	9·8
...	16·663	+13·301	− 5	...	...
...	16·668	−30·134	0·80	46.2926	10·2
...	+16·721	−45·721	− 3	...	...
...	16·772	+17·925	− 2	...	...
... [	16·784	−46·876	− 3	...	...
... [	16·801	−46·950	− 4	...	...
...	16·805	− 6·132	− 3	...	...
1211					
*	+16·833	−56·957	1·90	46.2928	8·9
†	16·903	−49·944	− 3	...	...
...	16·982	−49·681	− 5	...	...
...	16·991	+23·224	0·65	...	...
...	17·016	+14·714	− 5	...	...
...	+17·059	−37·563	− 5	*m*	...
...	17·146	−15·232	− 2	...	...
...	17·187	+15·133	0·65	...	...
*	17·208	+31·234	1·60	45.2969	9·6
...	17·273	+28·847	− 4	...	...
1221					
*	+17·279	−59·752	1·90	46.2930	9·2
*	17·296	−36·409	0·90	46.2929	10·0
...	17·394	+47·882	− 5	...	...
...	17·459	+40·467	− 2	...	...
...	17·559	−37·821	− 4	...	...
...	+17·738	−48·587	0·75	...	...
*	17·766	−37·029	0·90	46.2931	10·0
*	17·770	+21·586	1·05	45.2971	9·8
...	17·802	− 9·520	− 1	...	...
...	17·808	+41·115	− 4	...	...
1231					
...	+17·816	−16·266	0·70	46.2932	10·2
...	17·829	+18·806	− 2	...	...
...	17·836	+ 9·073	0·80	45.2972	10·2
*	17·913	+31·652	1·25	45.2970	9·8
...	17·995	+32·723	− 5	...	...
...	+18·043	+55·861	− 4	...	...
...	18·065	+10·079	− 5	...	...
...	18·076	−41·621	− 3	...	...
...	18·079	+12·719	0·80	45.2973	10·1
...	18·105	+18·387	− 5	...	...
1241					
...	+18·150	+25·902	− 5	*b*	...
...	18·191	− 3·374	− 1	45.2974	10·2
...	18·233	+31·409	− 5	...	...
...	18·264	− 1·055	− 4	...	...
...	18·274	−44·745	− 5	*m*	...
...	+18·357	−15·466	− 5	*m*	...
...	18·396	−40·814	− 2	...	...
* [	18·449	−43·950	1·20	46.2934	9·5
... [	18·544	−43·913	0·75		
...	18·452	+13·253	− 5	...	...
1251					
...	+18·458	+50·656	− 3	...	...
*	18·461	−50·232	2·30	46.2935	8·6
...	18·525	+43·975	− 5	...	...
...	18·530	−40·899	− 5	*m*	...
*	18·604	+ 5·814	1·30	45.2976	9·8
...	+18·606	+35·327	− 5	...	...
...	18·607	− 3·915	0·70	45.2979	10·2
...	18·639	+38·423	− 5	...	...
...	18·654	+47·437	0·70	45.2975	10·2
...	18·689	−42·695	− 2	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
1261-1320					
1261					
...	+18′727	−49′191	− 5	° *m*	...
*	18·728	+22·891	0·90	45.2977	10·0
*	18·730	+19·481	3·60	45.2978	8·0
...	18·817	−12·834	− 5	*m*	...
...	18·867	+12·129	− 5	...	...
...	+18·890	−21·427	− 5	*m*	...
...	18·965	+14·190	− 3	...	...
*	19·241	+27·401	2·80	45.2981	8·5
...	19·295	+36·575	0·90	45.2980	10·2
...	19·304	−44·151	− 1	46.2936	10·2
1271					
*	+19·332	+22·675	1·15	45.2982	9·6
...	19·343	− 0·265	0·65	...	...
...	19·357	+29·323	− 5	...	...
...	19·394	−10·242	− 4	...	...
...	19·507	−17·807	− 4	...	...
...	+19·585	−10·535	− 4	...	...
*	19·661	+55·317	1·80	44.3025	9·5
...	19·703	− 0·837	− 3	...	...
...	19·749	+10·927	− 5	...	...
†	19·792	+19·241	− 2	45.2983	10·2
1281					
†	+19·800	+49·421	− 5	...	...
‡	19·874	− 3·378	1·10	45.2985	10·0
...	19·969	+50·417	− 5	...	...
...	19·976	−20·452	− 4	...	...
...	20·095	+36·076	0·85	45.2984	10·2
...	+20·097	+37·287	− 3	...	...
...	20·214	−52·137	− 4	...	...
*	20·294	+24·239	2·40	45.2986	8·8
...	20·312	+26·645	− 3	...	...
...	20·347	− 2·171	− 4	*m*	...
1291					
...	+20·362	+33·831	− 4	...	...
...	20·365	+ 7·034	− 4	...	...
*	20·462	− 7·335	0·90	46.2937	10·1
...	20·569	−17·080	− 5	*m*	...
*	20·597	+26·900	3·00	45.2987	8·0
...	+20·644	+18·024	− 5	...	...
...	20·735	+ 5·774	− 1	45.2988	10·2
...	20·746	− 1·173	− 5	*m*	...
...	20·751	+11·815	− 2	...	...
...	20·765	+36·028	− 3	...	...
1301					
*	+20·808	−53·576	1·40	46.2939	9·6
...	20·922	−33·978	− 4	...	...
...	20·942	+30·333	− 3	...	...
*	21·057	+34·577	0·95	45.2989	10·0
S *	21·179	−19·385	2·60	46.2938	8.6
...	+21·207	−59·681	− 3	46.2940	10·2
...	21·301	+43·256	− 2	...	...
...	21·302	−29·387	− 4	...	...
...	21·318	+17·172	− 5	...	...
...	21·333	+15·687	− 4	...	...
1311					
...	+21·395	−54·502	− 3	46.2942	10·2
*	21·397	+ 0·786	1·10	45.2990	9·8
...	21·481	+16·392	− 4	...	...
...	21·513	−21·956	0·90	46.2941	10·0
...	21·567	−16·418	− 4	...	...
...	+21·595	+15·471	− 5	...	...
...	21·635	+45·422	− 5	...	...
...	21·654	− 4·874	− 5	*m*	...
...	21·779	+33·931	− 3	...	...
...	21·820	−24·757	0·65	46.2943	10·2

1153, 1154. 47°53, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. -2.	C.P.D. No.	C.P.D. Mag.
1321–1380					
1321					
...	+21·903	+49·497	— 4	...	...
...	22·067	+17·193	— 4	...	...
...	22·083	+57·384	0·90	44.3032	10·2
...	22·253	— 0·302	— 4	...	...
...	22·422	−27·205	— 4	...	...
...	+22·423	−32·221	— 1	46.2944	10·2
...	22·480	+12·209	— 5	...	...
...	22·562	+49·008	— 3	45.2991	10·2
†	22·589	+49·770	— 2	45.2992	10·2
*	22·628	−57·111	1·40	46.2945	9·6
1331					
...	+22·717	−36·190	— 4	...	...
...	22·741	−19·024	— 4	...	...
...	22·799	+ 7·066	— 5	...	...
...	22·846	−32·841	— 4	...	...
...	23·099	— 1·959	— 5	*m*	...
*	+23·102	+ 1·834	1·00	45.2993	9·8
...	23·146	−31·757	0·70	46.2947	10·2
...	23·171	— 4·122	0·95	45.2994	10·0
...	23·230	−40·973	— 5	*m*	...
...	23·237	−18·324	— 3	...	...
1341					
...	+23·257	— 7·709	— 1	46.2946	10·2
...	23·280	— 4·407	— 4	...	...
...	23·395	+15·928	— 3	...	...
...	23·449	+54·443	— 3	...	...
...	23·499	+ 7·616	— 3	...	...
...	+23·566	+27·195	— 2	...	...
...	23·584	−15·484	— 4	...	...
...	23·605	— 5·968	— 5	...	...
...	23·707	−39·529	— 3	...	...
...	23·855	−34·360	0·65	46.2949	10·2
1351					
...	+23·866	+39·748	— 2	...	...
...	23·897	— 5·321	0·95	45.2997	10·0
*	23·903	+36·050	2·00	45.2995	8·8
...	23·982	+45·383	— 4	...	...
...	24·003	+41·155	0·65	...	...
...	+24·034	— 8·522	— 2	46.2948	10·2
...	24·098	+ 1·877	— 5	...	...
*	24·121	+ 0·808	1·00	45.2999	9·8
...	24·150	−19·855	0·80	46.2950	10·0
...	24·154	+39·754	— 3	...	...
1361					
...	+24·273	+ 9·977	— 5	...	...
...	24·305	+14·426	— 4	...	...
*	24·363	+53·679	1·20	45.2996	9·8
...	24·386	+33·063	— 4	...	...
...	24·415	— 0·530	— 5	...	...
...	+24·421	— 1·805	— 4	...	...
*	24·451	+14·132	0·95	45.3000	10·0
...	24·522	−42·723	— 4	...	...
...	24·544	+50·320	— 1	45.2998	10·2
...	24·640	−21·481	— 4	...	...
1371					
...	+24·680	+28·192	— 4	...	...
...	24·691	−37·598	— 4	...	...
...	24·706	−12·390	— 5	*m*	...
...	24·716	−26·942	— 4	*m*	...
‡	24·756	−29·693	2·00	46.2951	9·0
...	+24·934	+28·076	0·75	45.3001	10·2
...	25·111	+32·985	— 5	...	...
...	25·225	+51·199	— 1	45.3002	10·2
...	25·265	+32·867	0·85	45.3003	10·2
†	25·337	−30·026	— 2	...	...
1381–1440					
1381					
...	+25·359	−21·212	0·65	46.2952	10·2
...	25·401	+21·051	0·70	45.3004	10·2
*	25·411	−40·535	0·95	46.2954	9·8
*	25·447	−18·581	0·95	46.2953	10·0
...	25·472	−39·043	0·65	...	...
...	+25·495	−10·531	— 5	*m*	...
*	25·989	+ 4·179	0·90	45.3006	8·3
...	26·033	+27·814	— 5	...	...
*	26·052	+12·359	0·90	45.3007	10·0
...	26·064	+48·898	0·65	45.3005	10·2
1391					
...	+26·140	−45·942	— 5	*m*	...
...	26·173	+27·288	— 3	...	...
...	26·218	−42·577	— 4	...	...
*	26·236	— 3·312	1·20	45.3008	9·6
*	26·237	−53·228	0·95	46.2956	10·0
...	+26·313	+ 0·230	0·65	...	...
...	26·355	−54·671	0·65	46.2955	10·2
*	26·373	— 2·627	1·00	45.3009	10·0
...	26·531	−55·914	0·70	46.2957	10·2
*	26·589	−42·477	1·00	46.2958	10·0
1401					
...	+26·617	+ 9·671	0·75	...	...
...	26·734	+ 8·673	— 2	...	...
*	26·801	−37·259	0·90	46.2959	10·0
...	26·809	+ 6·563	— 5	...	...
...	26·813	−35·318	— 5	*m*	...
...	+26·865	+47·622	— 1	...	...
...	26·966	−38·425	0·75	46.2960	10·2
...	27·016	+42·823	0·75	45.3010	10·2
...	27·022	+39·949	0·65	...	...
...	27·029	−30·734	0·65	...	...
1411					
...	+27·066	+ 3·326	0·65	...	...
...	27·067	+ 6·350	0·70	45.3012	10·2
...	27·076	−51·005	— 4	...	...
...	27·151	+50·943	0·85	45.3011	10·1
...	27·221	−15·540	— 4	...	...
...	+27·223	−51·010	— 4	...	...
...	27·250	−38·485	— 4	...	...
...	27·299	−38·790	— 4	...	...
...	27·345	+31·526	— 5	*a*	...
...	27·346	−49·407	0·90	...	...
1421					
...	+27·461	−18·937	— 4	...	...
...	27·496	−34·182	— 4	...	...
...	27·539	+49·354	— 3	...	...
...	27·543	−51·216	— 4	...	...
...	27·559	−59·485	0·70	46.2962	10·2
*	+27·642	+19·349	7·00	45.3014	4·8
...	27·692	−44·016	— 5	...	...
...	27·695	−32·573	— 2	...	...
*	27·720	+51·618	1·05	45.3013	9·8
...	27·795	−11·218	— 5	...	...
1431					
*	+27·797	−15·467	0·90	46.2961	10·1
...	27·899	−51·802	— 5	...	...
...	27·926	— 2·582	— 5	...	...
...	28·004	−23·352	— 5	...	...
...	28·014	−16·761	— 4	...	...
...	+28·048	+ 6·182	— 5	...	...
...	28·164	−38·923	— 1	...	...
...	28·409	+19·435	— 4	...	...
...	28·503	+30·751	0·65	45.3016	10·2
...	28·544	−36·198	— 4	...	...
1441–1500					
1441					
...	+28·545	+44·681	0·70	45.3015	10·2
... [	28·604	−31·113	0·70	46.2963	10·2
... [	28·640	−31·168	— 4	*b*	...
*	28·606	−34·246	1·10	46.2964	9·8
...	28·662	+14·651	— 2	45.3017	10·2
...	+28·727	+18·334	— 4	...	...
...	28·764	+52·549	— 5	...	...
...	28·766	−35·188	— 3	...	...
...	28·816	+15·761	— 4	...	...
*	28·893	+13·101	1·40	45.3018	9·6
1451					
...	+28·916	−39·881	— 5	...	...
*	28·918	+ 2·522	1·60	45.3019	9·4
...	28·924	−54·101	0·90	46.2965	10·2
...	28·957	+38·528	— 5	...	...
...	28·976	+22·820	— 5	...	...
...	+28·989	— 0·979	— 5	*m*	...
...	29·007	+ 7·141	— 4	...	...
...	29·054	−26·656	— 4	...	...
...	29·131	−12·484	— 5	*m*	...
...	29·273	−24·521	— 3	...	...
1461					
...	+29·328	−39·059	— 4	...	...
†	29·341	+24·847	— 4	...	...
*	29·477	+ 7·440	1·00	45.3020	9·8
...	29·480	+49·638	— 5	...	...
...	29·492	−18·827	— 5	...	...
... [	+29·556	−10·229	— 5	*b*	...
... [	29·592	−10·248	— 4	...	...
...	29·574	— 5·592	— 5	...	...
...	29·623	−43·869	— 5	*m*	...
...	29·665	+31·351	0·65	...	...
1471					
†	+29·763	+15·536	— 4	...	...
...	29·766	−43·915	— 5	...	...
†	29·775	+14·820	— 5	...	...
...	30·003	−47·118	— 5	...	...
...	30·070	+10·263	— 3	...	...
...	+30·089	−33·823	0·85	46.2967	10·0
...	30·160	+11·907	— 4	...	...
...	30·316	+ 9·693	— 2	...	...
...	30·333	+46·641	— 1	...	...
...	30·355	+27·623	— 4	...	...
1481					
...	+30·355	−45·424	0·90	46.2970	10·2
...	30·366	−12·044	— 3	...	...
...	30·370	+35·635	— 4	...	...
...	30·462	+24·060	— 3	...	...
...	30·543	+10·392	— 4	...	...
*	+30·558	−12·221	1·70	46.2968	8·9
...	30·648	−19·594	— 4	...	...
...	30·702	−35·108	0·85	46.2971	10·1
...	30·748	+ 0·848	0·75	45.3021	10·2
*	30·749	— 5·843	1·50	46.2969	9·6
1491					
...	+30·779	−50·804	— 4	...	...
...	30·864	+16·885	— 5	...	...
...	30·975	−42·492	— 3	...	...
...	31·028	+30·047	— 4	...	...
...	31·034	−20·538	— 5	...	...
...	+31·100	+43·146	— 4	...	...
*	31·190	+ 5·928	1·40	45.3022	9·6
...	31·193	−32·080	— 5	...	...
...	31·340	+ 3·890	— 5	...	...
...	31·377	+43·097	0·65	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
1501-1560					
1501					
...	+31′441	+33′116	− 5	° ...	...
*	31·531	−23·235	0·95	46.2972	10·0
...	31·670	−43·354	− 3	...	...
...	31·679	−33·002	− 3	...	...
...	31·718	−14·053	− 3	...	...
*	+31·759	+18·942	1·70	45.3023	9·4
*	31·759	−37·998	1·20	46.2974	9·8
...	31·763	−50·480	− 4	...	...
...	31·794	+22·515	− 5	...	...
...	31·806	−14·354	− 3	...	...
1511					
*	+31·891	−11·646	1·00	46.2973	9·6
*	31·973	−18·330	2·00	46.2975	8·8
...	31·987	−55·170	− 4	...	...
...	31·996	+30·415	0·80	45.3024	10·2
...	32·001	−32·607	− 4	...	...
...	+32·041	−48·469	− 4	...	...
...	32·077	+23·360	− 5	...	...
...	32·078	−51·960	− 3	...	...
...	32·121	−12·088	− 3	...	...
...	32·165	+ 3·268	− 2	45.3025	10·2
1521					
...	+32·192	−11·321	− 5	...	...
*	32·268	+ 6·462	1·40	45.3026	9·6
...	32·313	−42·148	0·90	46.2977	10·2
†	32·317	+ 9·845	− 3	...	...
†	32·395	−10·024	0·75	46.2976	10·2
...	+32·413	+46·133	− 3	...	...
...	32·473	−26·398	− 1	...	...
...	32·487	+25·065	− 5	...	...
*	32·640	+27·098	6·40	45.3028	6·5
*	32·783	−50·062	1·20	46.2980	9·8
1531					
...	+32·786	−26·750	− 1	...	...
...	32·842	− 2·349	− 4	*m*	...
*	32·908	+50·416	1·60	45.3027	9·6
...	33·008	−19·796	− 4	...	...
*	33·014	−19·423	1·70	46.2979	9·1
*	+33·033	−52·844	1·00	46.2982	10·0
*	33·123	+ 5·958	0·85	45.3029	10·2
...	33·147	+52·219	− 4	...	...
*	33·163	−10·497	0·80	46.2978	10·2
...	33·246	−23·647	− 4	...	...
1541					
...	+33·288	+16·856	− 5	...	...
*	33·294	−27·657	1·00	46.2981	10·1
...	33·353	−30·478	− 5	*m*	...
...	33·355	−37·803	− 2	...	...
...	33·527	+ 5·628	− 5	...	...
...	+33·556	− 1·158	− 1	...	...
*	33·588	+57·569	1·80	44.3063	9·2
...	33·603	+43·919	− 3	...	...
...	33·704	−49·785	− 4	...	...
...	33·712	+ 3·270	0·80	45.3030	10·2
1551					
...	+33·750	+16·807	− 5	...	...
...	33·774	−29·168	− 5	*m*	...
*	33·821	− 6·815	1·20	46.2983	9·6
...	33·834	+ 8·668	− 2	...	...
...	33·908	+ 4·342	0·70	45.3031	10·2
...	+33·922	+ 1·394	− 4	...	...
*	33·941	−38·616	1·50	46.2984	9·6
...	33·986	+43·783	− 5	...	...
...	34·380	−29·293	− 5	...	...
...	34·471	−33·238	− 5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
1561-1620					
1561					
...	+34′471	−50′889	− 4	° ...	...
...	34·487	+31·472	− 5	...	...
*	34·510	−44·407	1·10	46.2986	9·8
...	34·553	+21·046	− 4	...	...
†	34·575	+ 9·882	− 1	45.3032	10·2
...	+34·731	−42·404	− 3	...	...
†	34·770	−31·483	0·65	46.2985	10·2
†	34·819	+56·304	0·65	44.3065	10·2
...	34·910	− 9·111	− 4	...	...
...	34·960	+ 5·059	− 5	...	...
1571					
...	+35·019	−52·164	− 3	...	...
...	35·060	−38·316	− 5	*m*	...
...	35·080	−17·617	− 4	...	...
...	35·088	+14·767	− 5	...	...
...	35·090	+39·306	− 3	...	...
...	+35·116	−38·795	− 4	...	...
...	35·174	+ 7·383	− 4	...	...
...	35·216	+ 3·308	− 5	...	...
...	35·237	−46·198	0·65	46.2988	10·2
...	35·265	+13·318	− 3	...	...
1581					
...	+35·338	+13·294	− 4	...	...
...	35·346	−36·333	− 2	...	...
*	35·369	+40·088	1·35	45.3033	9·6
...	35·403	−14·253	− 5	*m*	...
...	35·407	−45·418	− 3	...	...
*	+35·484	+17·170	1·05	45.3034	9·8
...	35·544	− 9·660	− 5	*m*	...
...	35·648	+ 2·189	− 2	...	...
...	35·653	− 6·483	− 5	*m*	...
*	35·658	−26·565	1·00	46.2989	9·8
1591					
...	+35·683	+14·819	− 5	...	...
*	35·736	− 7·898	0·90	46.2987	9·8
...	35·789	−12·031	− 4	...	...
n	35·790	+20·195	0·65	45.3036	10·0
...	35·799	+ 9·985	− 3	...	...
...	+35·817	+40·198	− 5	...	...
*	35·844	+33·651	0·90	45.3035	10·0
...	35·854	−13·973	− 4	...	...
n	35·867	+20·370	0·90	45.3036	10·0
...	35·884	−54·148	0·85	46.2990	10·2
1601					
...	+35·898	+36·564	− 4	...	...
...	35·955	−37·796	− 3	...	...
...	36·088	−27·255	− 5	...	...
...	36·094	−48·861	0·85	46.2991	10·2
*	36·139	− 5·226	2·00	45.3039	9·0
...	+36·389	+38·873	− 3	...	...
...	36·417	−41·825	− 3	*a*	...
...	36·421	− 5·846	− 4	...	...
*	36·464	+23·259	1·80	45.3037	9·4
...	36·471	− 1·061	− 5	*m*	...
1611					
...	+36·495	−22·092	− 3	...	...
...	36·510	+46·194	− 5	...	...
...	36·609	+36·919	− 5	...	...
...	36·618	− 5·303	− 5	*m*	...
...	36·637	−21·351	− 4	...	...
...	+36·651	−21·632	− 2	...	...
...	36·657	+ 1·778	− 5	*b*	...
*	36·718	+40·783	1·40	45.3038	9·8
...	36·720	+59·546	0·80	44.3070	10·2
...	36·792	+ 0·476	− 5	*a*	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
1621-1680					
1621					
...	+36′823	− 7′040	− 5	° *m*	...
...	36·833	−48·340	− 5	...	...
...	36·857	−48·130	0·75	46.2992	10·1
...	36·893	− 5·133	− 5	*m*	...
...	36·924	+31·720	0·90	45.3040	10·0
*	+36·995	+32·226	0·95	45.3041	10·0
...	37·028	−11·492	− 2	...	...
...	37·053	+17·365	− 5	...	...
...	37·098	−43·901	− 1	...	...
...	37·123	− 2·635	− 5	*m*	...
1631					
*	+37·198	+33·178	1.00	45·3043	10·0
*	37·199	+39·134	1·00	45.3042	10·0
...	37·311	−24·006	− 5	*m*	...
...	37·335	−40·459	− 5	...	...
...	37·345	−27·151	− 3	...	...
...	+37·363	−45·167	− 4	...	...
...	37·459	−49·283	0·75	46.2994	10·2
...	37·502	−38·365	− 4	...	...
...	37·613	+ 1·640	− 5	...	...
...	37·641	− 7·797	− 4	*m*	...
1641					
*	+37·659	−17·637	0·90	46.2993	9·8
...	37·693	−14·413	− 5	*m*	...
...	37·706	−36·846	− 5	...	...
...	37·755	−27·655	− 4	...	...
...	37·831	−20·345	− 5	*m*	...
†	+37·918	− 5·030	− 5	*m*	...
...	37·951	+20·985	− 4	...	...
...	37·966	+ 8·638	− 4	...	...
*	38·045	−46·415	2·30	46.2996	8·7
†	38·084	−30·053	0·80	46.2995	10·2
1651					
...	+38·121	−36·068	− 4	...	...
...	38·539	+11·212	− 2	45.3044	10·2
†	38·617	+ 9·854	0·65	45.3045	10·2
...	38·709	+46·305	− 5	...	...
...	38·733	+22·861	− 5	...	...
...	+38·761	−21·298	− 4	...	...
...	38·920	+ 3·028	− 5	...	...
...	39·010	−52·109	− 5	...	...
*	39·071	−39·080	0·95	46.2997	10·0
...	39·085	+34·919	− 5	...	...
1661					
*	+39·097	+ 3·486	1·80	45.3046	9·4
...	39·235	−56·014	− 5	...	...
...	39·255	−32·715	− 3	...	...
...	39·290	−33·344	0·90	46.2998	10·0
...	39·309	+42·408	− 5	...	...
...	+39·424	−21·200	− 3	...	...
...	39·470	−22·951	− 5	*m*	...
...	39·476	−25·515	− 5	*m*	...
...	39·620	− 6·157	− 5	...	...
...	39·637	−19·216	− 5	...	...
1671					
...	+39·639	+30·555	− 3	...	...
...	39·652	+ 5·458	− 3	...	...
†	39·754	−15·477	− 4	...	...
...	39·875	−17·219	− 1	46.2999	10·2
...	39·963	− 5·553	− 4	...	...
...	+39·983	− 7·466	− 4	...	...
...	39·983	+51·538	− 5	...	...
...	40·065	−49·798	− 5	...	...
...	40·085	−32·042	− 4	...	...
...	40·200	−43·685	− 5	...	...

1594, 1599. C.P.D., mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1681–1740					
1681					
*	+40′·202	−50′·527	1·10	46°.3001	9·8
...	40·225	−16·974	− 4	*m*	...
...	40·228	−49·757	− 5	...	...
...	40·323	+21·109	− 5	...	...
...	40·334	− 1·813	− 4	*m*	...
...	+40·359	−22·485	− 4	...	...
*	40·408	+58·754	1·20	44.3079	9·8
...	40·410	−14·105	0·90	46.3000	10·0
...	40·418	− 0·140	− 5	*m*	...
...	40·653	−37·904	− 4	...	...
1691					
...	+40·711	−39·813	− 1	...	...
...	40·729	+31·119	− 4	...	...
...	40·765	+18·441	− 3	...	...
*	40·880	+ 1·040	1·00	45.3049	10·1
...	40·902	−57·089	0·90	46.3005	10·0
...	+40·951	−50·512	− 5	...	...
S *	41·004	+12·516	4·70	45.3048	7·3
*	41·062	−32·615	1·10	46.3003	9·8
...	41·090	−23·498	− 1	...	...
...	41·094	−52·680	− 4	...	...
1701					
*	+41·112	−53·314	1·10	46.3004	9·8
...	41·124	−25·093	− 4	...	...
...	41·153	−27·894	− 5	*m*	...
...	41·163	−28·816	− 4	...	...
...	41·199	− 6·366	− 1	46.3002	10·2
...	+41·202	+17·102	− 1	...	...
...	41·236	+50·913	− 2	45.3047	10·2
...	41·237	−30·282	− 3	...	...
*	41·275	+11·282	1·00	45.3050	9·6
*	41·330	−48·664	1·70	46.3006	9·3
1711					
...	+41·337	+ 4·107	0·90	45.3052	10·0
...	41·405	+40·275	− 1	...	...
...	41·412	+ 4·597	− 3	...	...
...	41·543	+ 8·750	− 4	...	...
...	41·645	−21·290	− 5	*m*	...
...	+41·673	−35·395	− 3	...	...
...	41·860	−34·502	− 1	...	...
...	41·875	− 5·204	− 5	*m*	...
...	41·945	−13·676	− 4	...	...
...	41·960	−55·106	0·75	46.3009	10·2
1721					
*	+41·965	−52·938	1·70	46.3007	9·4
*	41·970	+12·459	1·20	45.3053	9·6
...	41·994	+ 2·345	− 3	...	...
*	42·018	−49·611	1·50	46.3008	9·5
...	42·035	+56·196	− 1	44.3081	10·2
S *	+42·062	+50·369	2·00	45.3051	8·9
...	42·227	+17·060	− 5	...	...
...	42·286	−27·327	− 4	...	...
...	42·319	+23·844	− 2	...	...
...	42·320	−45·858	− 5	...	...
1731					
*	+42·417	+18·861	2·20	45.3054	8·8
*	42·488	−32·933	1·60	46.3010	9·3
...	42·525	+48·422	− 4	...	...
*	42·553	− 5·228	3·20	45.3056	7·8
...	42·571	−32·119	− 3	...	...
...	+42·590	− 1·508	− 4	...	...
...	42·664	−25·975	0·80	46.3011	10·2
...	42·683	+13·330	− 1	...	...
...	42·823	−22·584	− 4	*m*	...
*	42·829	−18·621	2·20	46.3012	8·6
1741–1800					
1741					
...	+42′·849	+59′·666	− 3	...	...
...	42·938	+16·705	− 4	...	...
...	43·016	+54·182	− 4	...	...
...	43·218	−48·081	− 4	...	...
...	43·221	−20·219	− 5	...	...
*	+43·237	−50·363	1·60	46.3015	9·4
...	43·267	−26·341	− 3	46.3013	10·2
*	43·375	+44·568	1·20	45.3055	9·8
*	43·463	+18·663	1·05	45.3059	9·8
*	43·503	−40·471	1·80	46.3016	9·4
1751					
...	+43·591	+ 4·967	− 5	...	...
...	43·650	+22·511	− 2	...	...
...	43·656	+26·261	− 2	...	...
...	43·678	+ 1·683	0·90	45.3060	10·2
*	43·706	+32·827	1·40	45.3058	9·6
...	+43·718	+21·351	− 2	...	...
...	43·777	− 7·503	− 4	*m*	...
*	43·825	+40·111	1·20	45.3057	9·8
S *	43·944	−50·604	2·40	46.3017	8·7
...	43·974	+41·496	− 4	...	...
1761					
...	+44·026	− 6·582	− 4	...	...
*	44·064	−45·827	1·00	46.3018	10·1
†	44·155	+24·828	− 5	...	...
...	44·177	−19·041	− 2	...	...
...	44·415	+33·729	− 1	45.3061	10·2
...	+44·452	− 4·262	− 2	...	...
...	44·484	+16·336	− 4	...	...
...	44·555	−58·974	− 4	...	...
...	44·600	−25·106	− 2	46.3019	10·2
...	44·611	− 3·634	− 4	*m*	...
1771					
†	+44·762	−36·866	− 5	...	...
...	44·884	+ 4·455	− 5	...	...
...	44·918	−10·635	− 5	*e*	...
...	44·972	+30·864	− 5	...	...
*	44·991	− 4·214	1·25	45.3062	9·6
...	+45·011	−19·695	− 5	...	...
...	45·031	− 1·100	0·75	...	...
...	45·042	−35·759	− 5	*m*	...
...	45·098	+ 2·195	− 5	...	...
...	45·145	−12·947	− 3	...	...
1781					
...	+45·219	+ 1·486	− 5	...	...
...	45·295	−21·579	0·80	46.3021	10·2
...	45·350	−14·419	− 5	*e*	...
*	45·620	−37·922	1·20	46.3022	9·6
...	45·803	+ 1·100	− 3	...	...
...	+45·822	−35·354	− 5	*e*	...
...	45·952	− 6·516	− 2	...	...
...	45·962	−14·825	− 3	...	...
...	46·047	−45·556	− 5	*e*	...
...	46·058	+ 7·128	− 5	...	...
1791					
...	+46·078	−29·245	− 5	*e*	...
...	46·168	+48·090	− 4	...	...
*	46·298	−28·209	0·90	46.3023	9·8
...	46·300	+18·415	− 5	...	...
*	46·363	+ 1·177	0·90	45.3064	10·0
...	+46·473	−40·558	0·80	46.3025	10·2
...	46·513	+29·549	− 5	...	...
*	46·516	− 3·992	1·15	45.3065	9·8
...	46·542	+13·042	− 4	...	...
...	46·656	−29·311	− 5	*e*	...
1801–1860					
1801					
...	+46′·681	−24′·735	0·75	46°.3024	10·2
...	46·728	+ 0·201	0·80	45.3068	10·2
...	46·742	+52·057	0·85	45.3063	10·0
...	46·820	+23·700	− 5	...	...
...	46·827	−33·284	− 5	*m*	...
...	+46·835	− 8·434	− 3	...	...
...	46·877	+ 7·705	0·75	...	...
...	46·950	−42·417	− 2	...	...
...	47·030	+20·026	− 4	...	...
...	47·067	−22·416	0·85	46.3027	10·2
1811					
...	+47·115	− 3·400	− 5	*m*	...
*	47·124	+25·925	2·00	45.3066	9·3
*	47·137	−14·864	1·40	46.3026	9·6
...	47·185	+ 7·503	0·80	...	...
...	47·226	+51·304	− 4	...	...
*	+47·227	+26·528	1·10	45.3069	9·5
...	47·241	−33·268	− 5	*e*	...
...	47·319	+40·522	− 5	...	...
...	47·319	−40·434	− 5	*e*	...
...	47·436	−29·773	0·65	...	...
1821					
*	+47·442	+28·350	1·80	45.3070	9·4
...	47·566	− 3·211	− 2	...	...
...	47·590	−25·337	− 5	*e*	...
*	47·636	+45·698	1·80	45.3067	9·3
...	47·712	+50·520	0·95	45.3071	9·8
...	+47·738	−38·400	0·65	46.3029	10·2
...	47·774	−26·207	0·65	...	...
...	47·786	− 4·843	− 3	...	...
...	47·819	−16·894	0·85	46.3028	10·0
...	47·953	+19·322	− 5	...	...
1831					
...	+47·983	− 6·376	− 5	*e*	...
...	48·049	+ 4·793	− 5	...	...
‡	48·178	+ 4·870	0·90	45.3072	9·8
*	48·500	−16·264	1·10	46.3031	9·6
...	48·511	+ 2·427	− 1	...	...
*	+48·549	−11·106	0·90	46.3030	10·0
...	48·557	− 6·246	− 1	...	...
...	48·564	− 4·924	− 5	*m*	...
*	48·596	−10·731	0·90	46.3032	10·0
...	48·642	−41·199	− 3	...	...
1841					
...	+48·657	−24·505	− 4	...	...
...	48·698	+38·521	− 4	...	...
...	48·793	−40·251	− 4	...	...
...	48·801	+11·706	− 4	...	...
...	48·834	+17·774	− 2	...	...
...	+48·890	−39·050	− 4	...	...
...	48·904	− 3·646	− 5	*e*	...
...	48·951	−39·865	− 5	...	...
...	49·171	+ 3·655	− 3	...	...
...	49·221	−42·262	− 4	...	...
1851					
†	+49·250	−44·925	− 4	...	...
*	49·290	−13·646	1·70	46.3033	9·6
...	49·295	+13·141	− 5	...	...
*	49·528	−45·358	1·10	46.3036	9·8
...	49·531	+23·365	− 5	...	...
...	+49·590	−39·173	− 5	...	...
...	49·661	+38·212	0·65	45.3073	10·2
...	49·672	+ 0·126	− 5	...	...
*	49·676	−41·668	1·10	46.3037	9·8
...	49·701	+12·297	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1861-1910					
1861					
‡	+49′824	−24·996	1·60	46°3035	9·2
…	49·865	−31·432	− 4	*e*	…
…	49·880	+ 8·835	0·80	45·3075	10·2
…	49·909	+37·618	− 4	…	…
…	50·060	+ 1·680	− 3	…	…
…	+50·207	+13·473	− 5	…	…
…	50·247	−17·398	− 5	*e*	…
…	50·325	−18·495	− 3	…	…
*	50·378	−18·865	0·95	46.3038	9·8
*	50·418	+33·422	1·20	45.3074	9·8
1871					
…	+50·433	−33·378	− 5	…	…
…	50·495	+ 3·136	− 5	…	…
…	50·571	+ 5·319	− 5	…	…
…	50·575	+ 9·460	− 5	…	…
…	50·713	− 6·043	− 3	…	…
…	+50·784	−27·293	− 4	…	…
*	50·820	+25·596	1·00	45.3076	10·0
…	50·873	−30·810	− 5	*e*	…
*	51·393	+26·436	1·20	45.3077	9·8
S *	51·532	−32·836	2·10	46.3039	8·6
1881					
*	+51·611	−52·045	1·60	46.3041	9·6
α *	51·839	− 0·393	0·95	45.3079	10·2
…	51·866	+28·727	− 3	…	…
…	51·873	− 9·730	− 4	*e*	…
*	51·927	+ 8·025	0·95	45.3078	10·2
…	+51·932	−37·057	− 3	…	…
…	51·937	+42·470	− 4	…	…
…	51·940	−24·444	− 3	…	…
*	52·133	−18·892	1·10	46.3040	9·8
*	52·249	+ 5·941	0·95	45.3080	10·1
1891					
…	+52·377	+35·150	− 5	…	…
…	52·450	−44·603	− 5	…	…
…	52·550	−55·974	− 5	…	…
…	52·582	+ 0·982	− 4	…	…
*	52·884	+25·416	1·60	45.3081	9·4
*	+53·017	−51·583	1·40	46.3042	9·6
…	53·031	− 4·859	0·75	45.3084	10·2
…	53·072	+ 3·505	0·80	45.3083	10·2
…	53·088	+ 3·726	− 4	…	…
…	53·323	−18·983	− 4	…	…
1901					
…	+53·396	−56·423	0·80	46.3046	9·8
…	53·469	−14·354	− 5	*e*	…
…	53·556	−22·514	− 4	…	…
…	53·624	− 0·136	− 4	*f*	…
…	53·625	−30·930	− 5	*e*	…
*	+53·627	−17·670	0·95	46.3043	10·0
*	53·632	+47·551	2·00	45.3082	9·1
…	53·689	−48·778	− 4	…	…
…	53·801	− 5·828	− 4	…	…
*	53·861	+23·465	1·90	45.3085	9·2
1911-1960					
1911					
…	+53′862	+35′852	− 4	° …	…
*	53·864	−51·827	1·60	46.3047	9·6
…	53·920	−14·294	0·90	46.3044	10·1
…	53·923	−43·169	− 3	…	…
…	53·932	−44·775	− 4	…	…
…	+53·946	+10·753	− 5	…	…
*	54·056	−13·551	1·00	46.3045	9·8
…	54·092	−22·856	− 4	…	…
…	54·103	−26·793	− 3	…	…
…	54·274	−22·789	− 4	…	…
1921					
…	+54·353	+ 6·142	− 5	…	…
…	54·393	+ 0·394	− 4	…	…
…	54·445	− 9·505	− 3	…	…
…	54·538	−16·010	− 5	*m*	…
…	54·540	−30·422	− 5	…	…
…	+54·675	+ 4·261	− 3	…	…
†	54·700	−33·861	− 3	…	…
…	54·843	+29·463	− 5	…	…
…	55·053	−45·522	− 5	…	…
…	55·095	−55·598	− 3	46.3051	10·2
1931					
…	+55·122	−47·698	− 2	…	…
…	55·214	−28·136	− 5	…	…
*	55·246	−18·352	1·50	46.3049	9·6
†	55·255	− 0·071	− 2	*f*	…
…	55·317	−28·352	− 5	*e*	…
…	+55·407	− 8·240	− 3	…	…
…	55·408	−21·544	− 4	…	…
*	55·457	− 8·327	1·10	46.3050	9·6
…	55·487	−46·637	− 5	*m*	…
…	55·614	−10·496	− 4	…	…
1941					
*	+55·663	−24·040	1·00	46.3052	10·2
…	55·721	− 2·001	0·65	…	…
*	55·727	+20·487	2·00	45.3086	9·1
…	55·834	−14·626	− 5	…	…
…	55·879	−15·338	0·70	…	…
…	+55·888	− 6·878	− 5	…	…
…	56·144	−12·798	− 1	…	…
…	56·160	+22·558	− 5	…	…
…	56·350	+15·219	− 4	…	…
*	56·393	− 2·779	1·80	45.3089	9·6
1951					
*	+56·417	−55·870	2·40	46.3054	9·0
…	56·508	+38·043	− 5	…	…
…	56·787	−52·996	0·85	46.3056	10·0
…	56·898	+58·826	− 4	…	…
*	56·949	+22·322	1·80	45.3088	9·6
*	+56·952	+26·816	1·15	45.3087	9·8
*	56·997	− 6·932	1·00	46.3053	10·0
†	57·043	+ 4·881	− 3	…	…
…	57·203	−43·866	0·65	46.3058	10·2
…	57·335	+ 2·224	− 5	…	…
1961-1996					
1961					
…	+57′413	+12′797	0·85	45°3090	10·2
…	57·425	+22·055	− 1	…	…
…	57·490	− 0·421	− 5	*e*	…
…	57·511	−18·710	− 3	…	…
…	57·531	−16·234	0·90	46.3055	10·0
…	+57·543	−14·859	− 5	*e*	…
*	57·544	+ 9·587	1·20	45.3091	9·6
*	57·593	+55·263	1·25	44.3107	9·8
…	57·623	−46·167	0·80	46.3059	10·2
…	57·648	−32·010	− 1	…	…
1971					
*	+57·800	−51·729	1·80	46.3060	9·6
…	58·171	+25·671	− 5	…	…
…	58·193	+30·773	− 5	…	…
…	58·243	−13·583	− 5	…	…
…	58·348	−25·149	− 5	…	…
…	+58·351	−49·080	− 2	…	…
…	58·426	−41·420	0·90	46.3062	10·1
*	58·437	+31·846	1·25	45.3093	9·8
…	58·441	− 1·495	0·75	45.3094	10·2
…	58·472	+16·122	− 5	…	…
1981					
…	+58·500	−52·512	− 2	46.3064	10·2
…	58·708	+53·624	− 3	45.3092	10·2
…	58·722	−14·755	− 5	…	…
*	58·821	−18·364	1·10	46.3061	9·6
…	58·836	−26·548	0·85	46.3063	10·1
…	+58·877	+17·282	0·70	…	…
…	58·974	− 0·908	− 4	…	…
…	59·028	−37·264	− 5	…	…
n *	59·136	−29·729	1·30	46.3065	9·6
…	59·224	+12·751	− 5	…	…
1991					
…	+59·262	−25·984	− 5	…	…
n	59·294	−29·617	0·80	46.3065	9·6
…	59·510	+ 5·945	0·85	45.3099	10·2
…	59·527	+ 6·554	0·75	45.3098	10·2
…	59·599	+22·412	0·70	45.3097	10·2
†	+59·687	− 1·433	− 2	…	…

1989, 1992. C.P.D., mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
1-60					
1	′	′		°	
†	−60·006	− 6·832	0·65	...	...
...	59·896	− 4·868	− 5	M	...
...	59·659	− 4·494	0·70	...	...
...	59·593	+47·893	0·65	...	...
...	59·558	−28·407	− 1	...	...
...	−59·519	− 3·864	− 4	M	...
...	59·511	−48·349	− 4	...	...
...	59·497	+ 4·220	− 4	...	...
...	59·475	−19·278	0·80	...	...
*	59·472	−40·737	1·80	46.3016	9·4
11					
*	−59·421	−50·638	1·90	46.3015	9·4
...	59·227	+ 1·965	− 5	...	...
...	59·169	− 1·329	0·85	...	...
...	59·128	+51·872	1·05	45.3063	10·0
...	59·122	− 4·317	− 5	M	...
*	−59·112	− 4·439	1·50	45.3062	9·6
...	59·055	+ 1·252	− 4	...	...
...	59·001	−10·869	− 4	E	...
...	58·865	−25·328	0·80	46.3019	10·2
*	58·734	−46·074	1·05	46.3018	10·1
21					
S *	−58·696	−50·846	2·30	46.3017	8·7
...	58·685	−13·164	0·70	...	...
...	58·617	+51·130	0·70	...	...
...	58·595	−19·911	− 4	...	...
...	58·585	−11·875	− 5	M	...
...	−58·535	+18·216	− 5	...	...
...	58·524	−48·316	− 5	M	...
...	58·475	+ 0·894	0·75	...	...
...	58·434	−14·628	− 5	E	...
...	58·406	+ 6·944	− 5	...	...
31					
...	−58·369	−37·080	− 4	...	...
...	58·278	−21·787	0·90	46.3021	10·2
...	58·203	−51·774	− 5	M	...
...	58·187	+40·346	− 4	...	...
...	58·165	+23·528	− 5	...	...
*	−58·106	+50·365	1·15	45.3071	9·8
...	58·104	+12·868	− 2	...	...
...	58·083	− 6·719	0·70	...	...
*	58·017	+45·530	2·00	45.3067	9·3
*	57·921	+25·761	2·00	45.3066	9·3
41					
*	−57·913	+ 0·993	1·05	45.3064	10·0
...	57·848	−59·181	− 5	...	...
*	57·830	+26·355	1·50	45.3069	9·5
†	57·827	+19·862	0·65	...	...
†	57·809	−15·014	0·70	...	...
...	−57·771	+13·700	− 5	M	...
*	57·682	+28·195	1·70	45.3070	9·4
N	57·610	+ 7·528	− 1	...	...
*	57·593	− 4·171	1·30	45.3065	9·8
*	57·521	+ 0·026	0·85	45.3068	10·2
51					
*	−57·431	−38·117	1·80	46.3022	9·6
...	57·333	−35·546	− 5	E	...
...	57·283	+ 7·343	0·90	...	...
...	57·244	−29·407	− 5	E	...
...	57·139	− 8·596	0·65	...	...
*	−57·063	−28·389	1·10	46.3023	9·8
...	56·895	+19·185	− 3	...	...
...	56·791	−45·751	− 5	E	...
...	56·771	−24·887	0·90	46.3024	10·2
...	56·759	+38·397	0·65	...	...
61-120					
61	′	′		°E	
...	−56·658	−29·473	− 5	E	...
‡	56·624	−15·003	1·50	46.3026	9·6
...	56·577	− 3·347	0·70	...	...
...	56·509	−40·725	0·90	46.3025	10·2
*	56·474	−22·560	0·90	46.3027	10·2
...	−56·355	+ 4·661	0·65	...	...
...	56·301	− 4·973	0·70	...	...
*	56·226	+ 4·753	1·15	45.3072	9·8
...	56·065	− 6·503	− 5	E	...
...	55·969	−42·568	0·70	...	...
71					
...	−55·961	−33·412	− 5	E	...
...	55·959	+17·670	0·70	...	...
*	55·898	−17·025	1·00	46.3028	10·0
...	55·879	−25·485	− 5	E	...
...	55·876	−29·906	0·80	...	...
...	−55·810	+11·599	0·65	...	...
...	55·808	+ 2·309	0·70	...	...
...	55·766	+38·115	0·80	45.3073	10·2
...	55·663	−40·573	− 5	E	...
...	55·648	−26·334	0·75	...	...
81					
...	−55·495	− 6·359	0·70	...	...
...	55·491	+37·525	0·65	...	...
...	55·453	+23·290	− 5	...	...
...	55·354	+13·049	− 5	...	...
*	55·351	−11·213	1·00	46.3030	10·0
*	−55·321	−10·836	1·00	46.3032	10·0
...	55·312	−47·216	− 5	M	...
...	55·293	−38·518	0·85	46.3029	10·2
*	55·230	−16·360	1·20	46.3031	9·6
...	55·216	− 3·734	− 5	E	...
91					
...	−55·190	+ 3·564	0·75	...	...
...	54·929	+12·222	− 3	...	...
*	54·874	+33·341	1·20	45.3074	9·8
...	54·812	−24·606	− 4	...	...
*	54·647	+ 8·754	0·90	45.3075	10·2
*	−54·520	−13·724	1·40	46.3033	9·6
...	54·454	+13·398	− 4	...	...
...	54·324	−41·297	− 3	...	...
...	54·233	+ 1·609	− 3	...	...
*	54·220	+25·543	1·00	45.3076	10·0
101					
...	−54·207	−40·348	− 4	...	...
...	54·137	−39·135	− 4	...	...
...	53·973	+ 9·403	− 4	...	...
...	53·848	+ 3·079	− 4	...	...
...	53·836	+ 5·259	− 4	...	...
...	−53·700	−42·345	− 3	...	...
*	53·666	+26·395	1·05	45.3077	9·8
...	53·641	+42·448	− 4	...	...
‡	53·624	−25·069	1·40	46.3035	9·2
†	53·601	−45·008	− 5	...	...
111					
...	−53·449	−17·459	− 5	E	...
...	53·444	−39·231	− 4	...	...
...	53·374	−31·504	− 4	E	...
...	53·338	−18·551	0·70	...	...
...	53·333	− 6·085	− 3	...	...
*	−53·302	−45·418	1·05	46.3036	9·8
...	53·288	+28·702	− 2	...	...
*	53·268	−18·920	1·00	46.3038	9·8
*	53·262	−41·733	1·05	46.3037	9·8
...	52·974	+35·131	− 4	...	...
121-180					
121	′	′		°	
...	−52·965	+ 8·725	− 5	...	...
...	52·766	−33·425	− 4	...	...
...	52·724	−16·071	− 5	M	...
...	52·702	−24·550	− 5	M	...
...	52·598	−27·310	− 4	...	...
*	−52·565	+ 8·013	0·90	45.3078	10·2
α *	52·402	− 0·466	1·00	45.3079	10·2
...	52·402	−30·840	− 5	E	...
...	52·179	+ 5·935	0·95	45.3080	10·1
*	52·150	+25·424	1·40	45.3081	9·4
131					
...	−52·150	−45·460	− 5	M	...
*	52·098	+47·573	1·80	45.3082	9·1
...	52·048	− 9·737	− 4	E	...
...	51·973	−18·696	− 5	M	...
...	51·693	+ 1·001	− 5	...	...
S *	−51·672	−32·845	2·10	46.3039	8·6
...	51·518	−24·442	− 3	...	...
*	51·513	−18·885	1·15	46.3040	9·8
...	51·502	+35·888	− 4	...	...
...	51·283	+ 3·535	0·85	45.3083	10·2
141					
...	−51·266	+ 3·751	− 4	...	...
...	51·173	−37·046	− 3	...	...
...	51·128	−43·043	− 5	...	...
*	51·110	+23·511	1·80	45.3085	9·2
...	51·058	− 4·818	0·90	45.3084	10·2
...	−51·052	+21·773	− 5	...	...
...	51·006	−37·058	− 5	M	...
*	51·000	−52·051	1·20	46.3041	9·6
...	50·620	+ 5·880	− 3	...	...
†	50·620	− 0·089	− 5	F	...
151					
...	−50·338	+29·531	− 4	...	...
...	50·322	−18·940	− 4	...	...
...	50·320	−14·304	− 5	E	...
...	50·186	−48·713	− 5	...	...
‡	50·078	−17·616	1·00	46.3043	10·0
†	−49·995	−22·458	0·65	...	...
...	49·953	−55·938	0·65	...	...
*	49·886	−14·236	0·90	46.3044	10·1
...	49·860	+ 0·473	− 4	...	...
*	49·782	−13·482	1·05	46.3045	9·8
161					
...	−49·696	+ 4·326	0·65	...	...
...	49·655	−30·877	− 5	E	...
*	49·638	−51·527	1·60	46.3042	9·6
...	49·616	−42·594	− 3	...	...
...	49·495	− 9·432	0·65	...	...
...	−49·469	+28·497	− 5	...	...
...	49·449	−22·777	− 1	...	...
...	49·307	−26·720	0·70	...	...
...	49·275	−22·697	0·65	...	...
...	49·199	+58·959	0·75	...	...
171					
...	−49·182	+27·379	− 5	M	...
*	49·144	+20·582	2·00	45.3086	9·1
*	49·078	−56·353	1·10	46.3046	9·8
†	49·070	+24·920	− 5	M	...
...	49·042	−48·709	0·65	...	...
...	−49·011	−38·672	− 5	M	...
...	48·997	+ 0·031	0·70	...	...
...	48·967	−43·103	0·70	...	...
...	48·936	+38·159	− 1	...	...
...	48·924	−44·676	0·70	...	...

NM measured from 1, 156, 338, 523, 681, 779, 874, 954, 1026, 1084, 1158, 1230.
C „ „ 92, 253, 442, 614, 726, 825, 920, 997, 1066, 1122, 1193, 1261.
48. Obscured by fault; 2nd image measured and corrected.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. -1.	C.P.D. No.	C.P.D. Mag.
181–240					
181					
...	−48·883	+ 0·784	− 5	M	...
...	48·798	+22·677	0·65	...	...
*	48·781	−51·755	1·80	46.3047	9·6
...	48·762	−30·327	− 5	...	...
...	48·594	− 8·133	0·65	...	...
*	−48·510	− 8·222	1·10	46.3050	9·6
...	48·471	−33·759	0·75	...	...
...	48·460	− 1·893	0·80	...	...
*	48·421	−18·240	1·50	46.3049	9·6
*	48·382	+55·407	1·50	44.3107	9·8
191					
...	−48·375	+15·329	− 1	...	...
...	48·293	−10·382	− 1	...	...
...	48·282	−52·118	− 5	...	...
...	48 173	−21·437	0·70	...	...
...	48·153	− 6·762	− 4	...	...
...	−48·152	−28·036	− 2	...	...
*	48·125	+26·955	1·05	45.3087	9·8
...	48·029	−28·253	− 5	E	...
*	47·987	+22·477	1·70	45.3088	9·6
...	47·944	−14·502	− 1	...	...
201					
...	−47·887	−15·204	0·80	...	...
*	47·834	−23·914	1·00	46.3052	10·2
...	47·768	−45·419	− 5	...	...
...	47·759	−18·037	− 5	M	...
*	47·755	− 2·651	1·80	45.3089	9·6
...	−47·693	−12·672	0·70	...	...
...	47·626	−47·592	0·80	...	...
...	47·523	+22·206	0·80	...	...
...	47·515	−10·353	− 5	M	...
...	47·500	+36·121	− 5	...	...
211					
...	−47·497	−41·081	− 4	M	...
...	47·420	−55·491	0·80	46.3051	10·2
...	47·355	+ 5·040	0·65	...	...
...	47·305	−46·518	− 1	...	...
*	47·237	+12·951	0·90	45.3090	10·2
...	−47·224	+53·815	0·75	45.3092	10·2
†	47·222	−30·035	− 5	M	...
*	47·034	− 6·775	0·90	46.3053	10·0
...	47·012	+30·961	0·65	...	...
*	47·002	+ 9·767	1·10	45.3091	9·6
221					
...	−46·995	+ 2·381	− 5	...	...
...	46·867	+25·828	− 4	...	...
*	46·804	+32·034	1·00	45.3093	9·8
...	46·754	− 0·245	− 4	E	...
...	46·305	−42·225	− 5	M	...
...	−46·233	−14·671	− 4	E	...
...	46·212	−16·053	0·90	46.3055	10·0
...	46·197	−58·571	− 5	M	...
...	46·150	−18·526	0·70	...	...
...	46·104	+36·168	− 4	M	...
231					
...	−46·082	−47·401	− 5	...	...
*	46·074	−55·714	2·40	46.3054	9·0
...	45·974	+56·576	0·70	...	...
...	45·915	+17·487	0·80	...	...
...	45·838	+14·323	− 5	M	...
*	−45·816	−52·831	1·05	46.3056	10·0
...	45·805	−56·038	− 5	M	...
...	45·771	− 1·287	0·75	45.3094	10·2
...	45·668	−43·690	0·85	46.3058	10·2
...	45·608	−39·294	− 5	...	...
241–300					
241					
...	−45·596	−31·819	0·80	...	...
*	45·588	+44·295	2·00	45.3095	9·2
...	45·562	−13·379	− 1	...	...
†	45·556	+39·800	0·70	...	...
*	45·455	+43·711	2·80	45.3096	8·6
...	−45·426	+12·963	− 4	...	...
...	45·335	+22·647	0·85	45.3097	10·2
...	45·325	+55·612	0·90	44.3112	10·2
...	45·258	− 0·691	0·70	...	...
...	45·204	+42·615	− 4	...	...
251					
...	−45·167	−45·978	0·90	46.3059	10·2
†	45·115	−24·941	− 1	...	...
...	44·929	+ 6·791	0·70	45.3098	10·2
*	44·923	+ 6·180	1·00	45.3099	10·2
*	44·839	−18·147	1·20	46.3061	9·6
*	−44·812	−51·530	1·40	46.3060	9·6
...	44·795	−32·520	− 5	M	...
...	44·616	+51·000	− 4	...	...
*	44·588	−26·321	0·95	46.3063	10·1
...	44·529	− 1·193	− 2	...	...
261					
*	−44·524	−41·208	1·00	46.3062	10·1
...	44·357	−48·856	− 1	...	...
...	44·340	+ 2·188	− 4	...	...
...	44·273	−17·317	− 5	M	...
...	44·187	−25·749	− 5	...	...
n	−44·178	−29·492	1·20	46.3065	9·6
...	44·109	−52·286	0·85	46.3064	10·2
...	44·051	−37·035	− 3	...	...
n	44·026	−29·372	0·85	46.3065	9·6
...	44·020	+ 4·439	− 5	...	...
271					
...	−43·911	+45·756	− 3	...	...
...	43·751	−37·572	− 4	...	...
...	43·743	−18·439	− 2	...	...
...	43·685	−14·368	− 4	...	...
*	43·606	+10·352	1·70	45.3100	9·0
...	−43·460	+ 5·035	− 3	...	...
*	43·428	+42·772	1·20	45.3101	9·8
...	43·412	−26·050	− 4	...	...
*	43·391	−27·160	1·05	46.3067	9·8
*	43·151	−27·859	1·20	46.3068	9·8
281					
*	−43·083	−15·321	0·95	46.3069	10·1
...	43·051	−37·366	0·65	...	...
*	43·012	+32·930	1·00	45.3102	10·0
...	42·988	+46·812	0·90	45.3103	10·1
...	42·939	−21·644	− 2	...	...
...	−42·891	−10·423	0·70	46.3070	10·2
...	42·876	−48·424	0·75	...	...
...	42·831	−35·236	0·70	...	...
...	42·820	−39·078	− 3	...	...
...	42·777	−21·455	− 3	...	...
291					
...	−42·767	−36·968	0·65	...	...
*	42·661	−11·161	2·40	46.3071	8·6
...	42·638	+33·225	− 5	...	...
...	42·637	+24·105	0·70	...	...
...	42·573	+12·156	0·85	45.3104	10·0
...	−42·550	−28·833	− 5	...	...
...	42·539	− 0·499	− 4	M	...
N [	42·502	−30·829	− 3	...	...
N [	42·464	−30·843	− 3	...	...
....	42·488	−28·614	0·65	...	...
301–360					
301					
...	−42·442	−23·204	− 5	M	...
...	42·422	−24·919	− 4	...	...
*	42·357	+13·548	1·40	45.3105	9·0
*	42·351	+13·417	1·40		
...	42·316	−12·335	− 2	...	...
*	−42·289	−46·731	1·60	46.3072	9·3
...	42·196	−30·235	− 4	...	...
...	42·189	−28·722	− 1	...	...
*	42·160	−25·535	1·05	46.3073	9·6
...	42·152	−23·815	0·65	...	...
311					
...	−41·925	−20·156	0·90	46.3074	10·2
...	41·769	+51·996	0·75	45.3106	10·2
...	41·646	−48·757	0·75	...	...
...	41·595	−47·923	0·80	46.3075	10·2
...	41·416	−31·126	− 3	...	...
*	−41·302	+31·519	0·90	45.3107	10·2
*	41·099	−31·492	1·05	46.3078	10·0
...	41·077	+11·730	− 2	...	...
*	41·059	−32·273	1·15	46.3077	9·8
...	41·047	−20·888	− 3	...	...
321					
...	−40·985	−30·437	0·75	...	...
...	40·963	− 2·712	− 4	...	...
*	40·954	−25·302	0·90	...	...
...	40·854	− 9·121	− 4	M	...
...	40·773	− 8·089	− 5	M	...
‡	−40·721	−30·040	0·90	46.3082	10·2
*	40·674	−55·247	1·20	46.3080	10·0
...	40·660	−27·179	− 5	...	...
*	40·654	+25·780	1·00	45.3108	9·8
...	40·596	−53·547	0·85	46.3081	10·2
331					
...	−40·584	−42·030	− 5	M	...
...	40·537	+21·968	− 5	...	...
...	40·507	−57·940	− 5	...	...
...	40·457	+ 9·380	− 5	...	...
*	40·434	− 6·013	1·40	46.3083	9·4
...	−40·190	+ 5·697	0·75	...	...
†	40·115	−41·808	− 4	...	...
†	40·076	+ 7·620	− 1	...	...
...	40·032	+43·946	0·80	...	...
†	40·003	−47·879	0·65	...	...
341					
†	−39·956	−20·029	0·70	...	...
...	39·953	+22·060	0·65	...	...
*	39·929	−29·163	1·00	...	...
...	39·737	− 7·155	− 5	M	...
...	39·647	−26·401	0·75	...	...
*	−39·636	− 1·223	2·20	45.3109	9·1
*	39·571	+50·275	1·60	45.3110	9·6
...	39·530	−49·581	0·65	...	...
*	39·503	−58·370	1·90	46.3084	9·6
*	39·438	−30·979	0·90	46.3085	10·2
351					
...	−39·371	−35·947	0·70	...	...
...	39·367	−28·338	− 3	...	...
...	39·280	− 8·649	0·80	46.3087	10·2
*	39·122	−16·487	1·10	46.3088	9·6
...	39·100	−13·205	− 5	M	...
...	−39·002	−15·722	0·70	...	...
...	38·998	−12·621	− 5	M	...
...	38·984	−16·679	0·75	...	...
*	38·981	−59·292	0·95	46.3086	10·2
...	38·924	+21·296	0·80	45.3112	10·2

266, 269. C.P.D., mass.
298, 299. 47° 53, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
361–420					
361					
...	−38·856	+22·744	− 5	M	...
*	38·853	− 4·766	1·10	45.3111	9·8
†	38·826	+ 4·915	0·70	...	...
...	38·770	−35·568	− 4	...	...
*	38·714	−40·387	1·00	46.3091	10·0
*	−38·688	−58·743	1·60	46.3090	9·8
...	38·655	−45·493	− 5	M	...
...	38·654	−32·496	− 5	M	...
...	38·527	−10·667	0·80	46.3092	10·2
...	38·520	− 6·574	0·70	...	...
371					
...	−38·510	−38·012	− 5	...	...
...	38·445	+49·718	0·65	...	...
†	38·380	−44·893	0·70	...	...
*	38·298	−28·772	2·00	46.3093	9·2
...	38·278	−28·083	0·80	...	...
...	−38·196	−32·556	0·80	...	...
...	38·187	−43·256	0·80	...	...
...	38·155	−41·802	0·65	...	...
...	38·147	−59·659	− 4	...	...
...	38·112	− 4·707	0·65	...	...
381					
...	−38·092	+15·179	− 5	M	...
...	38·084	+49·268	0·70	...	...
...	37·796	−38·502	0·65	A	...
*	37·766	−27·609	0·95	46.3094	10·1
*	37·747	+34·109	1·00	45.3114	9·8
...	−37·702	−37·631	0·70	...	...
...	37·688	+52·307	0·70	...	...
...	37·666	+ 1·529	− 4	...	...
†	37·572	+39·806	0·85	45.3115	10·0
*	37·509	+ 2·574	1·00	45.3113	10·0
391					
...	−37·441	+ 5·149	0·65	...	...
...	37·414	+37·254	− 5	M	...
*	37·398	+20·416	1·00	45.3116	10·0
*	37·373	−10·770	1·70	46.3098	9·4
...	37·366	−50·042	− 4	...	...
...	−37·346	−23·319	− 1	...	...
...	37·300	−17·192	− 5	M	...
...	37·225	−54·323	0·85	46.3096	10·2
*	37·203	−51·931	1·10	46.3097	9·8
...	37·071	−30·828	0·65	...	...
401					
*	−37·062	+19·621	1·10	45.3118	9·8
...	37·031	−43·617	− 1	...	...
...	37·005	−49·417	− 5	...	...
...	36·984	+30·665	0·65	...	...
...	36·867	+46·954	− 5	...	...
†	−36·853	− 5·086	0·80	45.3117	10·2
*	36·819	+58·406	1·60	44.3130	9·6
...	36·695	−37·227	− 4	...	...
*	36·683	+46·074	1·60	45.3119	9·6
...	36·665	−54·295	− 5	M	...
411					
...	−36·627	−42·416	− 5	M	...
...	36·560	+ 4·321	− 5	M	...
...	36·557	+50·551	− 5	...	...
...	36·498	−15·517	0·80	46.3100	10·2
...	36·490	−51·469	0·70	...	...
...	−36·481	−58·649	0·85	...	...
...	36·480	+19·429	− 5	...	...
*	36·412	+25·832	1·00	45.3120	9·8
†	36·363	−10·060	− 1	A	...
...	36·343	−36·983	− 5	M	...
421-480					
421					
*	−36·283	+13·616	1·05	45.3121	9·8
...	36·235	−46·633	− 4	...	...
*	36·208	−43·608	1·05	46.3101	10·0
...	36·146	−50·931	− 5	M	...
...	36·135	+39·190	− 4	...	...
...	−36·128	−56·811	0·80	...	...
...	36·045	+32·213	0·80	45.3122	10·2
*	36·030	+45·773	1·00	45.3123	10·0
...	36·009	+24·656	− 5	...	...
*	35·962	−56·121	1·80	46.3102	9·8
431					
...	−35·854	+12·115	0·70	...	...
*	35·807	+40·518	1·60	45.3124	9·3
...	35·634	+14·305	− 5	M	...
*	35·612	−55·573	1·60	46.3103	10·0
*	35·559	+29·423	0·90	45.3125	10·0
...	−35·347	+21·505	0·75	...	...
*	35·302	+52·712	1·60	45.3126	9·8
...	35·273	−37·196	0·70	...	...
...	35·209	−59·518	− 1	...	...
...	35·198	−24·003	0·70	...	...
441					
†	−35·137	−13·898	0·65	...	...
*	35·007	+38·305	1·00	45.3128	10·2
...	34·977	−55·281	− 3	...	...
*	34·940	+16·253	1·20	45.3127	9·8
...	34·873	+51·698	− 5	...	...
...	−34·842	+51·107	0·70	...	...
...	34·722	−47·715	− 4	...	...
...	34·661	−30·655	− 4	...	...
*	34·569	−13·383	0·90	46.3104	10·0
...	34·495	+40·267	0·70	...	...
451					
...	−34·380	−20·205	0·80	46.3105	10·1
...	34·377	−29·815	− 5	M	...
...	34·358	+25·862	− 5	...	...
...	34·342	+52·420	− 3	...	...
*	34·329	+45·411	1·40	45.3129	9·2
...	−34·284	−21·411	− 4	...	...
...	34·253	− 6·324	0·65	...	...
...	34·224	− 8·378	0·65	46.3106	10·2
...	34·207	−37·198	− 3	...	...
n	34·119	+50·918	0·90	45.3131	8·8
461					
...	−34·053	+16·805	− 1	...	...
*	33·986	+39·202	0·95	45.3130	10·2
*n**	33·889	+50·883	2·40	45.3131	8·8
...	33·875	−34·637	0·90	46.3107	10·1
*	33·844	+59·227	1·20	44.3142	9·8
†	−33·738	−15·009	− 3	...	...
...	33·458	−34·182	− 5	M	...
...	33·436	+10·777	0·70	45.3132	10·2
...	33·311	−15·301	− 5	M	...
...	33·263	+ 9·418	− 5	...	...
471					
...	−33·252	+33·969	0·70	45.3133	10·2
...	33·201	+34·595	− 5	...	...
*	33·142	− 9·081	1·00	46.3109	9·8
...	33·133	−29·505	− 3	46.3110	10·2
...	33·063	−39·833	− 2	...	...
...	−32·986	−55·974	− 5	M	...
...	32·973	−38·190	− 2	...	...
...	32·972	+33·313	− 5	...	...
*	32·787	−29·340	1·00	46.3111	10·1
*	32·751	+57·782	1·00	44.3145	10·0
481-540					
481					
...	−32·734	− 4·650	0·80	45.3134	10·2
...	32·572	−56·150	− 3	...	...
*	32·537	+46·117	1·05	45.3135	9·8
*	32·479	−11·087	1·20	46.3112	9·6
*	32·476	+51·270	1·15	45.3136	9·8
*	−32·404	− 6·931	1·60	46.3113	9·2
...	32·335	+40·182	0·75	...	...
...	32·319	−15·713	− 2	...	...
...	32·075	−51·195	− 5	M	...
...	32·068	− 0·771	− 5	M	...
491					
...	−32·061	−14·156	− 5	M	...
*	32·055	−36·131	1·00	46.3114	10·0
...	31·942	+44·160	− 4	...	...
...	31·815	−42·148	− 5	M	...
...	31·783	−42·985	− 4	...	...
...	−31·774	+17·262	0·70	45.3137	10·2
...	31·687	−51·152	− 5	M	...
...	31·685	−51·842	− 4	...	...
*	31·680	+ 5·668	1·20	45.3138	9·6
...	31·393	+40·386	− 3	...	...
501					
...	−31·288	+25·777	− 4	...	...
...	31·231	+ 2·261	− 4	...	...
...	31·095	−18·286	− 4	...	...
*	31·074	+14·047	1·20	45.3139	9·8
*	31·052	+ 7·387	2·70	45.3140	8·6
...	−30·972	−33·293	− 4	...	...
...	30·891	−13·757	− 3	...	...
...	30·886	−33·255	− 5	M	...
...	30·802	+37·602	− 5	...	...
...	30·782	+45·488	− 5	...	...
511					
...	−30·657	+ 8·387	− 4	...	...
*	30·649	−12·790	1·30	46.3116	9·6
...	30·582	+19·261	− 4	...	...
...	30·576	+39·668	− 4	...	...
...	30·533	−38·820	− 3	...	...
...	−30·498	−39·841	− 3	...	...
...	30·404	+52·706	− 3	...	...
*	30·357	+ 9·181	1·00	45.3141	10·0
...	30·339	+18·724	0·65	...	...
*	30·266	+20·525	1·00	45.3144	10·1
521					
†	−30·230	+14·857	0·70	45.3142	10·2
‡	30·198	+49·394	1·50	45.3145	9·2
‡	30·090	+18·979	2·00	45.3143	9·2
...	30·068	+22·354	0·70	...	...
...	29·989	+56·241	0·80	...	...
...	−29·962	+48·224	0·70	...	...
...	29·841	−56·078	0·80	...	...
...	29·823	− 7·152	0·70	A	...
...	29·773	−20·877	0·70	...	...
*	29·772	−32·374	1·10	46.3118	9·8
531					
...	−29·694	−16·553	− 5	...	...
*	29·693	− 7·576	1·50	46.3119	9·6
...	29·566	+45·461	− 1	...	...
...	29·488	+54·688	0·80	44.3151	10·2
...	29·480	−48·449	0·70	...	...
S*	−29·471	− 9·436	6·00	46.3120	5·3
...	29·390	+ 4·334	− 5	...	...
*	29·284	+51·514	1·00	45.3146	10·1
*	29·273	−33·860	1·10	46.3121	9·8
...	29·243	+53·965	0·70	...	...

460, 463. C.P.D., probably mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
541–600					
541	′	′		°	
*	−29·217	−31·919	1·30	46.3122	9·6
...	29·201	−32·097	0·65	...	...
...	29·182	+52·107	0·80	...	...
*	28·972	+ 3·389	0·95	45.3147	10·0
...	28·869	+36·028	0·90	45.3148	10·2
...	−28·788	+16·056	− 4	...	...
...	28·764	−49·133	− 5	M	...
...	28·744	−49·771	0·70	...	...
...	28·737	+39·657	− 1	...	...
...	28·737	+46·398	0·65	...	...
551					
*	−28·702	+11·090	0·90	45.3149	10·0
*	28·661	+52·416	1·05	45.3150	10·0
...	28·647	+46·152	0·80	...	...
*	28·642	−43·042	1·15	46.3123	9·8
...	28·566	+23·033	0·65	...	...
...	−28·506	+48·527	0·80	...	...
...	28·457	+18·862	− 5	...	...
*	28·428	+13·812	1·00	45.3151	10·0
*	28·312	−30·099	1·80	46.3124	9·2
...	28·149	−27·364	− 5	M	...
561					
...	−28·054	−27·232	0·70	...	...
...	28·044	−22·806	− 5	M	...
*	28·033	+19·345	1·20	45.3152	9·8
*	27·965	+38·558	1·70	45.3155	9·6
*	27·936	− 6·935	1·60	46.3126	9·4
...	−27·856	− 1·420	0·90	45.3153	10·2
*	27·830	+50·808	1·00	45.3156	10·1
...	27·794	+15·757	0·85	45.3154	10·2
†	27·727	−44·979	− 5	M	...
...	27·632	+40·958	0·70	...	...
571					
...	−27·549	−59·743	− 4	...	...
*	27·485	−15·828	1·70	46.3127	9·4
*	27·409	+18·686	1·05	45.3157	9·8
...	27·353	+57·746	0·80	...	...
...	27·332	+16·582	0·80	...	...
...	−27·314	+11·458	− 5	...	...
...	27·287	+39·326	0·90	45.3159	10·2
...	27·208	−38·051	− 5	M	...
*	27·203	+15·869	2·40	45.3158	9·0
...	27·172	+39·481	− 5	...	...
581					
*	−27·080	+ 0·079	1·90	45.3160	9·4
*	27·058	+ 3·767	2·40	45.3161	8·9
...	26·991	+25·110	0·65	...	...
...	26·989	+33·143	0·70	...	...
*	26·977	+47·862	1·00	45.3162	10·0
...	−26·824	−44·003	− 5	M	...
†	26·685	−44·988	− 5	M	...
...	26·522	+40·305	0·80	...	...
...	26·508	+ 3·180	− 5	...	...
...	26·471	+ 2·783	0·70	...	...
591					
...	−26·371	−50·572	− 4	M	...
...	26·329	− 5·376	− 1	A	...
...	26·292	−24·114	− 5	...	...
...	26·238	−27·261	− 1	...	...
...	26·194	+ 1·334	− 4	...	...
...	−26·105	+45·081	0·70	...	...
...	26·068	+18·688	0·65	...	...
...	25·986	−24·578	− 4	...	...
...	25·879	+56·990	0·70	...	...
*	25·858	+20·245	1·40	45.3163	9·8
601–660					
601	′	′		°	
...	−25·823	+25·215	0·70	...	...
‡	25·807	+39·911	1·00	45.3164	9·8
*	25·800	+40·280	1·00	45.3165	10·0
...	25·790	−21·957	0·65	...	...
...	25·787	−42·427	0·70	...	...
...	−25·628	− 8·910	0·80	46.3128	10·2
...	25·492	+31·610	− 4	...	...
...	25·479	− 7·578	0·95	46.3130	10·2
...	25·463	+ 5·995	− 5	...	...
...	25·315	−42·721	0·70	...	...
611					
...	−25·311	+41·136	0·80	45.3168	10·2
*	25·294	+31·346	1·00	45.3166	10·1
*	25·178	−58·442	1·00	46.3129	10·2
...	25·043	+ 7·140	− 3	...	...
*	25·041	+ 1·027	1·20	45.3167	9·8
...	−24·771	−27·054	0·65	...	...
...	24·731	−15·549	− 3	...	...
...	24·582	−24·774	− 5	...	...
...	24·546	−54·639	− 5	M	...
...	24·487	−48·514	− 1	...	...
621					
...	−24·475	+37·416	− 2	...	...
...	24·452	+31·501	− 3	...	...
*	24·330	+ 2·868	1·00	45.3169	10·0
...	24·323	+41·085	− 5	...	...
*	24·100	−33·866	1·00	46.3132	10·1
*	−24·089	+46·070	1·40	45.3170	9·4
*	24·045	−57·887	1·20	46.3131	9·8
...	23·997	+ 2·299	− 4	...	...
...	23·876	+ 2·687	− 5	...	...
...	23·588	−11·865	− 5	M	...
631					
*	−23·455	+46·121	0·95	45.3171	10·0
...	23·439	−44·011	− 5	M	...
...	23·160	−36·238	− 3	...	...
*	23·123	+25·712	1·00	45.3172	10·0
...	23·102	−33·328	− 5	...	...
...	−23·097	−23·802	0·75	46.3134	10·2
...	23·069	−50·316	− 3	...	...
...	23·058	+29·738	0·70	45.3173	10·2
...	23·051	−27·707	− 3	...	...
...	23·032	−40·935	0·80	46.3133	10·2
641					
*	−22·929	+41·866	1·60	45.3174	8·8
...	22·892	−19·530	0·85	46.3137	10·1
†	22·868	−39·984	− 3	...	...
*	22·763	−20·157	1·60	46.3138	9·2
*	22·760	−54·048	1·40	46.3136	9·6
...	−22·676	−42·970	0·70	46.3139	10·1
...	22·671	−28·923	− 3	...	...
...	22·476	−22·430	− 5	...	...
†	22·325	−44·903	− 4	...	...
	22·248	+ 6·925	0·65	45.3176	10·2
651					
*	−22·227	+ 5·114	1·30	45.3175	9·8
...	22·178	− 6·617	− 3	M	...
*	22·038	− 7·106	0·95	46.3140	10·2
...	21·983	−23·692	− 5	...	...
...	21·969	−31·308	− 5	...	...
...	−21·899	−12·246	− 3	...	...
...	21·894	− 0·437	− 5	...	...
...	21·882	+38·212	− 4	...	...
...	21·874	+ 7·332	0·75	45.3177	10·2
...	21·840	+21·145	− 5	...	...
661–720					
661	′	′		°	
...	−21·675	−20·697	0·90	46.3141	10·0
...	21·572	+50·298	0·70	45.3178	10·2
...	21·556	− 6·027	0·90	46.3142	10·1
*	21·373	+38·541	1·00	45.3179	10·0
...	21·370	+24·968	− 3	...	...
S*	−21·307	+45·080	3·00	45.3180	8·2
...	21·294	−50·314	− 1	...	...
...	21·143	+46·802	− 3	...	...
	21·127	−46·153	− 4	...	...
*	21·123	+25·436	1·00	45.3181	10·0
671					
...	−21·108	+40·487	0·65	...	...
...	21·065	−53·392	− 2	...	...
...	21·041	−25·424	0·85	46.3143	10·2
...	20·954	−52·305	− 5	M	...
*	20·928	−45·550	1·50	46.3144	9·4
†	−20·671	+49·829	− 3	...	...
*	20·580	−42·247	1·20	46.3145	9·6
...	20·522	−56·144	− 4	...	...
...	20·286	−27·997	− 2	...	...
...	20·232	−11·082	− 5	...	...
681					
...	−19·808	+10·451	0·90	45.3182	10·2
...	19·756	+36·088	− 4	...	...
...	19·615	−40·409	0·90	46.3146	10·2
‡	19·564	− 9·982	2·40	46.3148	8·8
*	19·563	+43·213	1·90	45.3183	9·2
*	−19·434	−23·327	0·85	46.3147	10·1
...	19·416	−55·425	0·70	...	...
...	19·351	−13·847	− 5	M	...
*	19·254	+21·703	1·15	45.3185	9·8
*	19·251	+12·592	1·70	45.3184	9·5
691					
*	−19·172	−14·096	3·20	46.3149	8·2
*	19·090	+23·405	1·05	45.3186	9·8
...	18·994	+44·637	0·65	...	...
...	18·907	−25·710	− 1	...	...
...	18·770	−58·374	0·70	...	...
...	−18·310	+40·509	− 5	M	...
...	18·162	+29·505	0·90	45.3187	10·1
...	18·132	−34·626	− 5	...	...
*	18·044	+25·546	1·80	45.3188	9·2
*	17·963	+11·549	1·40	45.3189	9·8
701					
...	−17·923	+38·655	− 4	...	...
*	17·590	−33·170	1·00	46.3150	9·8
...	17·433	+12·460	0·80	...	...
...	17·431	+ 0·225	0·90	45.3190	10·2
...	17·418	−27·737	0·65	...	...
...	−16·540	+20·933	− 5	...	...
...	16·428	−41·732	0·70	...	...
*	16·409	−36·764	1·40	46.3151	9·8
†	16·371	+29·926	0·75	45.3191	10·2
*	16·366	−17·663	1·00	46.3152	9·8
711					
...	−16·358	+46·081	0·75	...	...
...	16·270	+ 0·917	0·90	45.3192	10·2
...	16·245	+41·980	− 4	...	...
*	16·224	−50·408	1·60	46.3153	9·6
...	16·048	−35·737	0·80	...	...
...	−15·904	+ 0·110	0·80	α	...
...	15·843	−11·098	0·80	...	...
...	15·828	+56·443	− 5	...	...
...	15·748	−11·342	0·70	...	...
...	15·729	+34·101	0·65	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
721-780					
721	′	′		°	
...	−15·712	+50·446	0·70	...	...
...	15·702	−45·401	− 5	M	...
...	15·675	+34·565	− 4	...	...
...	15·622	−45·433	− 5	M	...
S*	15·567	−51·830	1·70	46.3154	9·2
†	−15·115	−42·386	− 3	...	...
...	15·060	−52·032	− 4	...	...
...	14·971	+32·411	− 4	...	...
...	14·870	+24·823	− 5	...	...
...	14·671	− 2·574	− 4	...	...
731					
...	−14·658	+40·811	− 5	...	...
...	14·620	−59·228	− 5	...	...
...	14·411	+51·322	− 2	...	...
S*	14·358	+ 5·227	3·60	45.3193	8·0
...	14·344	− 0·811	0·80	45.3194	10·2
...	−14·280	−29·377	− 3	...	...
...	14·270	−58·108	0·75	...	...
...	14·237	−36·165	− 5	M	...
...	13·885	+ 8·969	− 4	...	...
*	13·885	−11·271	1·20	46.3157	9·6
741					
...	−13·729	−38·829	0·75	46.3159	10·1
...	13·573	+23·555	0·90	45.3195	10·1
...	13·567	+21·855	− 5	...	...
...	13·514	−20·440	− 4	...	...
...	13·370	+31·152	− 2	...	...
...	−13·109	+36·938	0·75	45.3196	10·2
...	13·034	− 8·036	− 5	...	...
...	12·909	−56·729	− 4	...	...
...	12·840	−50·786	0·70	...	...
*	12·822	−21·313	1·00	46.3160	10·0
751					
...	−12·743	− 2·744	0·90	45.3197	10·2
...	12·687	−31·890	− 2	...	...
†	12·672	−44·868	− 3	...	...
...	12·639	+21·463	− 4	...	...
...	12·358	−10·720	− 3	...	...
...	−12·316	+ 7·784	0·65	45.3198	10·2
...	12·274	−41·432	− 4	...	...
*	12·218	−14·522	1·30	46.3161	9·6
...	12·210	− 9·393	− 5	M	...
...	11·974	+47·541	0·80	45.3199	10·2
761					
...	−11·708	−34·637	− 3	...	...
...	11·466	+40·175	− 4	...	...
...	11·443	−33·822	− 3	...	...
...	11·357	+21·283	− 4	...	...
...	11·203	+39·389	0·80	45.3200	10·2
*	−11·167	−46·570	1·00	46.3163	9·8
*	11·055	−28·146	1·00	46.3164	9·8
*	10·987	+35·124	1·10	45.3201	9·8
...	10·975	−40·911	0·80	46.3165	10·2
...	10·887	+ 9·130	− 3	...	...
771					
...	−10·861	+47·853	− 4	...	...
...	10·825	+37·862	0·70	...	...
...	10·679	+24·983	− 5	...	...
*	10·573	−59·636	1·10	46.3166	9·8
...	10·442	−14·883	− 4	...	...
*	−10·404	+18·513	1·10	45.3203	9·8
...	10·399	+ 6·653	− 2	45.3202	10·2
*	10·280	+28·172	1·30	45.3205	9·6
‡	10·192	+45·584	1·00	45.3204	10·0
†	10·151	+58·123	− 5	...	...
781-840					
781	′	′		°	
†	−10·136	−22·967	− 1	...	...
...	9·934	−58·871	0·80	...	...
...	9·929	−38·729	− 5	M	...
...	9·913	−26·319	0·75	...	...
...	9·635	−40·402	0·70	...	...
*	− 9·622	+32·795	1·00	45.3206	10·1
...	9·552	+31·115	0·90	45.3207	10·2
...	9·426	+47·378	− 1	...	...
...	9·400	+58·615	− 3	...	...
*	9·386	+55·972	1·05	44.3183	10·0
791					
*	− 9·259	− 0·992	1·00	45.3208	10·0
...	9·249	−37·427	0·65	...	...
...	9·242	−26·525	− 5	M	...
...	9·159	+36·111	0·70	...	...
...	8·861	− 3·056	− 5	M	...
*	− 8·549	+ 7·881	1·00	45.3209	10·0
*	8·422	−45·873	0·95	46.3169	10·2
*	8·402	− 6·567	1·60	46.3168	9·8
...	8·398	+ 1·590	0·90	...	...
*	7·780	−38·330	1·90	46.3171	9·0
801					
...	− 7·558	−53·588	− 4	M	...
...	7·518	+15·174	− 5	*m*	...
...	7·398	+ 9·590	− 5	*m*	...
...	7·179	−10·289	0·80	46.3172	10·2
‡	7·095	− 0·072	1·10	45.3210	9·8
*	− 7·015	−36·744	1·15	46.3174	9·8
...	6·988	−57·461	0·75	...	...
...	6·964	+16·905	0·85	45.3211	10·2
...	6·956	+12·054	− 5	*m*	...
...	6·683	−13·505	0·80	...	...
811					
*	− 6·633	+12·128	1·00	45.3212	10·1
...	6·540	+28·069	− 2	...	...
*	6·477	+56·514	2·20	44.3191	9·1
...	6·418	−48·764	0·70	...	...
...	6·122	+ 6·529	0·75	*m*	...
*	− 6·041	−57·298	2·00	46.3175	8·9
...	5·932	+56·673	− 5	*m*	...
*	5·781	−11·470	1·60	46.3176	9·6
...	5·672	−35·596	− 5	...	...
...	5·670	+40·968	− 3	*m*	...
821					
...	− 5·572	+41·408	− 5	*m*	...
*	5·495	+32·527	0·95	45.3213	10·2
...	5·403	− 8·827	− 5	M *m*	...
...	5·290	−46·292	− 5	M *m*	...
‡	5·156	−14·089	1·40	46.3179	9·4
‡	− 5·076	−51·926	1·10	46.3180	9·6
...	4·958	−59·116	− 5	*m*	...
...	4·795	−35·368	− 5	M	...
...	4·699	−58·450	− 4	...	...
*	4·613	−40·952	1·20	46.3181	9·6
831					
...	− 4·468	+57·539	0·90	...	...
*	4·466	−50·387	1·50	46.3182	9·2
...	4·455	−38·622	− 5	*m*	...
...	4·359	+ 6·132	− 4	...	...
...	4·313	−46·204	− 5	*m*	...
...	− 4·236	−33·906	− 5	...	...
...	4·098	−43·262	− 5	M	...
...	4·065	+45·309	0·80	...	...
...	3·834	+ 5·395	− 5	M *m*	...
...	3·799	−40·904	0·65	...	...
841-900					
841	′	′		°	
...	− 3·789	+ 5·292	0·80	45.3214	10·2
...	3·744	−28·803	− 4	...	...
...	3·722	−27·742	− 3	...	...
...	3·616	− 5·728	− 1	...	...
*	3·613	− 5·539	1·20	46.3183	9·6
...	− 3·607	−33·077	− 4	...	...
...	3·394	+34·417	− 5	*m*	...
...	3 103	−12·235	− 4	*m*	...
...	3·065	−40·072	− 3	...	...
...	2·981	+47·738	− 4	...	...
851					
*	− 2·750	+42·574	1·10	45.3215	9·8
*	2·676	+58·471	1·00	44.3198	10·2
...	2·611	−14·152	− 5	M *m*	...
...	2·598	+35·526	0·65	45.3216	10·2
...	2·348	+ 0·665	− 5	*m*	...
...	− 2·227	+13·324	0·70	45.3217	10.2
...	2·226	+47·808	− 5	*m*	...
...	2·192	−40·082	− 4	M *m*	...
...	2·098	−58·455	0·70	...	...
*	2·071	−52·315	1·40	46.3184	9·0
861					
...	− 1·779	−48·886	− 5	M *m*	...
...	1·300	+46·752	− 5	*m*	...
...	1·177	−17·781	0·80	46.3185	10·2
*	0·992	−50·599	1·10	46.3187	9·8
...	0·914	−42·001	− 5	M	...
...	− 0·912	−27·391	− 5	...	...
*	0·858	−11·456	1·40	46.3188	9·4
S*	0·775	+20·596	1·90	45.3218	8·9
...	0·534	− 5·859	0·65	46.3189	10·2
...	0·416	−57·767	0·80	46.3190	10·1
871					
*	− 0·398	+35·702	1·40	45.3219	9·6
...	0·312	−48·405	0·90	46.3192	10·2
*	0·278	−30·385	1·00	46.3191	9·8
...	− 0·130	−15·900	0·80	46.3193	10·2
...	+ 0·145	−19·640	− 5	M *m*	...
...	+ 0·318	+30·973	− 5	*m*	...
*	0·502	−13·255	1·20	46.3195	9·8
...	0·688	−22·862	− 5	M *m*	...
...	1·029	−45·220	0·65	...	...
...	1·118	+26·921	0·85	45.3220	10·2
881					
...	+ 1·220	−36·796	− 5	M *m*	...
...	1·322	+20·476	− 4	M *m*	...
*	1·324	+20·402	0·90	45.3221	10·0
*	1·361	−27·604	0·95	46.3196	10·0
*	1·685	+42·904	1·10	45.3222	10·0
*	+ 1·798	−56·285	1·00	46.3197	10·2
...	2·000	−56·757	− 5	M *m*	...
...	2·010	−40·725	0·95	46.3198	10·2
...	2·023	− 2·193	− 5	M *m*	...
...	2·077	+20·223	− 5	M *m*	...
891					
...	+ 2·123	−41·599	− 5	M*m*	...
...	2·193	+53·409	0·70	...	...
...	2·211	+39·267	0·70	...	...
...	2·322	−26·207	− 2	M	...
...	2·489	−53·958	− 5	M *m*	...
*	+ 2·509	−40·792	1·30	46.3199	9·8
*	2·573	+ 1·429	2·00	45.3223	9·3
...	2·641	+51·466	0·70	...	...
...	2·865	+20·967	− 5	*m*	...
*	3·023	− 7·177	2·40	46.3200	9·0

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
901-960					
901					
*	+ 3′150	−15′542	1·80	46.3201	9·6
...	3·233	−51·066	− 5	M *m*	...
...	3·344	−42·256	− 5	M *m*	...
...	3·426	−43·020	0·70	...	...
...	3·944	−34·345	0·70	...	...
...	+ 4·060	+ 8·563	0·90	45.3224	10·2
...	4·230	+42·541	0·80	...	...
...	4·239	−52·265	0·75	...	...
M α*	4·245	+ 0·323	1·80	45.3225	9·6
...	4·254	−58·308	0·65	...	...
911					
...	+ 4·348	+22·593	− 5	*m*	...
...	4·396	− 7·797	0·80	46.3202	10·2
...	4·436	+20·135	− 3	...	...
*	4·531	−40·665	1·60	46.3203	9·6
...	4·539	−29·417	− 5	M *m*	...
†	+ 4·566	−49·853	− 4	M *m*	...
*	4·689	−52·945	1·00	46.3205	10·0
...	4·694	−49·660	0·85	45.3226	10·2
‡	4·786	−27·111	1·60	46.3204	9·4
...	4·948	−14·617	− 5	M	...
921					
*	+ 5·057	+29·011	1·40	45.3227	9·6
*	5·073	−38·032	1·00	46.3207	10·0
...	5·192	−24·834	0·90	46.3206	10·2
...	5·294	+18·513	− 4	...	...
...	5·672	−26·215	0·90	46.3208	10·2
...	+ 5·814	+35·736	0·80	45.3228	10·2
...	5·860	−48·414	− 3	...	...
S *	5·983	−48·250	2·60	46.3209	8·5
...	6·016	−56·681	− 5	M *m*	...
...	6·045	+55·521	0·65	...	...
931					
...	+ 6·105	+28·580	0·65	...	...
...	6·373	+15·715	− 4	...	...
...	6·456	+32·277	− 2	...	...
*	6·514	−40·475	1·40	46.3210	9·4
...	6·681	− 1·426	0·90	45.3229	10·2
...	+ 6·859	+41·271	− 5	M *m*	...
...	6·956	−41·968	0·70	46.3211	10·2
*	7·060	−31·501	1·60	46.3212	9·3
*	7·195	+13·270	1·70	45.3230	9·4
...	7·348	−40·169	− 5	M *m*	...
941					
...	+ 7·712	−37·776	− 5	M *m*	...
...	7·900	−18·089	− 2	M	...
...	7·908	+45·822	− 5	*m*	...
...	8·040	−34·563	− 5	M *m*	...
...	8·062	+55·893	0·70	...	...
S*	+ 8·576	− 6·964	2·30	46.3213	8·8
...	8·763	+43·563	− 4	*m*	...
...	8·784	−35·574	− 4	...	...
...	9·238	−45·635	− 3	...	...
...	9·399	−36·986	− 4	...	...
951					
...	+ 9·476	−23·953	0·85	46.3214	10·2
...	9·584	−15·895	− 3	...	...
...	9·628	+20·223	− 5	...	...
S ‡	9·852	+55·576	3·40	44.3213	8·1
...	9·968	+50·848	0·80	45.3231	10·2
*	+10·047	− 4·908	1·20	45.3232	9·8
...	10·217	−33·437	0·85	46.3215	10·2
*	10·263	+18·141	0·95	45.3233	10·2
...	10·405	−11·367	0·70	...	...
...	10·414	− 2·888	0·65	...	...
961-1020					
961					
...	+10′455	−27′524	− 5	*m*	...
...	10·775	−51·657	− 3	...	...
...	10·788	−37·559	0·80	46.3216	10·2
*	10·812	−59·690	1·15	46.3217	10·0
...	10·835	+ 1·627	0·85	45.3234	10·2
...	+10·891	−54·185	− 5	*m*	...
...	10·989	−36·889	0·85	46.3218	10·2
...	11·057	+34·354	− 5	*m*	...
*	11·096	−54·103	0·90	46.3219	10·2
...	11·235	− 3·099	− 5	*m*	...
971					
*	+11·383	−32·352	1·40	46.3220	9·8
...	11·437	−22·243	− 5	*m*	...
*	11·474	+54·122	1·00	45.3235	9·8
...	11·803	−45·669	− 5	*m*	...
...	11·841	−49·746	0·70	46.3221	10·2
...	+11·863	+34·038	0·70	...	...
...	12·023	−53·299	− 5	*m*	...
...	12·193	+29·423	− 2	...	...
...	12·210	−18·233	0·80	...	...
...	12·223	−47·140	− 4	...	...
981					
...	+12·342	−35·776	− 3	...	...
...	12·458	−57·337	− 5	*m*	...
...	12·525	+28·287	0·80	45.3236	10·2
...	12·567	+56·068	− 5	*m*	...
*	12·733	−58·534	1·60	46.3223	9·4
...	+12·902	−48·312	0·80	46.3224	10·2
*	13·179	− 8·040	1·40	46.3225	9·6
...	13·203	−27·152	0·85	46.3226	10·1
...	13·716	−56·861	− 4	...	...
...	13·762	+23·111	− 5	*m*	...
991					
*	+14·158	+37·960	1·00	45.3237	9·8
...	14·339	−14·147	− 5	*m*	...
*	14·382	+35·433	1·10	45.3238	9·8
...	14·450	+43·667	0·70	...	...
...	14·645	+29·116	0·75	...	...
*	+14·660	−25·605	1·00	46.3228	10·1
*	14·912	−17·882	1·10	46.3229	9·8
...	14·964	−32·176	0·80	46.3230	10·2
...	15·337	+55·068	− 5	*m*	...
...	15·464	−56·593	− 5	...	...
1001					
...	+16·400	−58·291	− 5	...	...
...	16·672	+31·265	− 3	...	...
*	17·246	+43·913	1·15	45.3239	9·6
...	17·249	−44·127	− 4	...	...
...	17·352	+28·866	− 3	...	...
...	+17·481	+36·931	− 1	...	...
...	17·514	−23·502	− 5	...	...
...	17·792	−12·860	− 2	46.3233	10·2
*	17·867	+ 1·261	3·80	45.3240	8·0
...	17·940	− 0·335	0·80	45.3241	10·1
1011					
...	+17·964	−57·478	− 5	*m*	...
...	17·967	+ 1·632	0·75	...	...
*	18·007	−34·807	1·05	46.3234	9·8
...	18·024	−48·198	− 1	...	...
...	18·104	−58·203	− 5	*m*	...
n *	+18·144	−41·356	1·00	46.3236	10·0
*	18·150	−18·511	1·60	46.3235	9·2
n	18·235	−41·641	0·70	46.3236	10·0
*	18·324	+ 9·377	1·20	45.3242	9·8
...	18·411	−52.041	0·90	46.3237	10·0
1021-1080					
1021					
...	+18′451	+49′786	− 5	*m*	...
*	18·656	+40·940	1·30	45.3243	9·1
*	18·708	−38·035	1·30	46.3238	9·6
...	19·179	−59·721	− 4	...	...
†	19·758	−48·829	− 4	...	...
...	+19·816	+11·126	0·75	...	...
...	19·884	−36·575	− 1	...	...
...	19·885	− 53·691	− 5	...	...
*	19·887	+ 6·263	0·95	45.3244	10·1
...	19·887	−53·589	0·75	...	...
1031					
*	+19·908	−26·193	1·05	46.3239	9·8
...	20·030	−50·848	0·70	...	...
*	20·076	−24·140	1·30	46.3240	9·8
...	20·200	−55·908	0·75	...	...
...	20·277	−25·215	0·70	46.3241	10·2
*	+20·287	−54·527	1·10	46.3243	10·1
*	20·310	+42·609	2·20	45.3245	8·6
*	20·443	−30·572	3·00	46.3242	8·6
*	20·538	−30·868	1·70	46.3244	9·5
...	20·563	+31·314	− 4	...	...
1041					
*	+20·742	+37·371	1·00	45.3246	10·0
...	20·899	−35·545	− 4	...	...
†	21·107	−14·942	0·65	...	...
...	21·347	− 8·894	0·80	46.3245	10·2
...	21·371	−19·565	0·90	46.3246	10·2
*	+21·493	+21·461	0·90	45.3248	10·2
*	21·532	−39·688	1·70	46.3248	9·6
...	21·568	+47·657	0·80	45.3247	10·2
†	21·597	−59·846	0·90	46.3249	10·2
...	21·621	+ 4·376	− 3	...	...
1051					
α	+21·756	+ 0·856	0·90	45.3250	10·0
...	21·819	+58·391	− 5	*m*	...
...	21·867	+53·228	0·90	45.3249	10·2
*	22·355	+38·237	1·80	45.3251	9·5
...	22·378	+33·946	− 5	*m*	...
*	+22·715	+46·017	1·00	45.3252	10·0
...	22·727	−21·713	0·75	...	...
*	22·906	+ 1·255	1·00	45.3253	9·8
...	23·066	−34·003	− 4	...	...
...	23·246	+23·938	− 3	...	...
1061					
...	+23·733	−25·139	− 4	...	...
†	23·827	−19·933	0·80	46.3250	10·2
*	23·875	−53·617	1·05	46.3251	9·8
...	23·928	+45·224	0·85	...	...
*	24·535	−29·175	3·10	46.3252	8·2
*	+25·035	+ 2·403	3·00	45.3254	8·4
...	25·424	−34·495	0·70	46.3253	10·2
α	25·426	+ 0·161	0·90	45.3255	10·1
...	25·782	−42·957	− 5	...	...
...	26·467	+27·264	− 5	*m*	...
1071					
...	+26·707	+21·499	− 4	...	...
...	27·176	− 0·911	− 3	...	...
...	27·619	−52·104	0·80	46.3256	10·2
...	28·125	−58·041	− 4	...	...
...	28·143	−53·785	0·80	46.3257	10·2
...	+28·628	− 0·833	0·70	45.3257	10·2
*	28·663	−33·490	1·20	46.3258	9·6
...	28·676	−10·297	− 2	...	...
*	28·723	+38·639	1·20	45.3256	9·6
...	28·909	−10·185	0·70	46.3259	10·1

1016, 1018. C.P.D., mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
1081-1140					
1081					
...	+29·120	+44·046	− 3	...	...
*	29·273	+59·014	2·30	44.3239	8·6
...	29·479	−47·554	0·85	46.3261	10·0
‡	29·808	+ 2·963	3·00	45.3259	8·6
*	30·008	−14·168	1·00	46.3260	10·0
...	+30·026	+52·050	0·80	...	...
...	30·036	−22·103	0·70	...	...
*	30·049	+46·338	1·60	45.3258	9·6
...	30·289	−50·656	0·75	...	...
*	30·510	+44·062	1·10	45.3260	9·8
1091					
...	+30·739	+22·842	− 5	*m*	...
...	30·939	−42·023	− 5	*m*	...
...	30·982	+10·647	0·80	45.3262	10·2
*	31·092	+35·780	1·80	45.3261	9·4
...	31·208	−45·036	0·80	46.3263	10·2
...	+31·244	+ 6·426	0·70	...	...
‡	31·342	−54·807	1·10	46.3264	9·8
...	31·659	−31·890	− 5	...	...
...	31·784	+12·381	− 5	*m*	...
*	32·002	+10·286	1·90	45.3263	9·4
1101					
...	+32·103	−59·116	− 5	*m*	...
...	32·171	+ 3·497	− 5	*m*	...
...	32·224	− 0·290	0·70	...	...
...	32·254	+ 4·645	0·85	...	...
...	32·326	− 0·600	− 5	...	...
...	+32·353	−42·464	− 5	*m*	...
...	32·410	− 9·051	0·75	...	...
...	32·447	+ 1·788	0·80	...	...
*	32·542	+15·203	1·80	45.3264	9·4
...	32·978	− 1·036	− 1	...	...
1111					
...	+33·043	+45·690	− 5	*m*	...
*	33·044	− 2·730	1·05	45.3265	10·0
...	33·112	−48·538	0·90	46.3265	10·1
†	33·149	− 9·997	− 1	...	...
...	33·825	+36·119	− 5	*m*	...
...	+34·006	+24·680	− 5	*m*	...
...	34·021	+30·679	0·80	...	...
*	34·079	+41·021	1·60	45.3266	9·6
*	34·329	−33·532	1·00	46.3266	9·8
*	34·490	+29·139	1·60	45.3267	9·6
1121					
*	+34·597	+21·027	1·60	45.3268	9·8
‡	34·836	−48·525	1·20	46.3269	9·6
...	34·863	−44·029	− 4	...	...
*	34·867	+41·340	1·00	45.3269	10·0
...	34·897	+32·542	− 3	...	...
...	+35·032	−11·224	− 3	46.3267	10·2
...	35·339	−12·383	− 3	46.3268	10·2
*	35·362	−53·065	1·00	46.3270	9·8
...	35·522	− 1·842	− 2	...	...
...	35·604	+34·120	− 4	...	...
1131					
...	+35·906	+27·951	− 5	*m*	...
...	36·045	−18·034	− 1	46.3271	10·2
...	36·150	−24·592	− 5	...	...
‡	36·301	−39·847	1·50	46.3272	9·2
...	36·672	−44·826	− 4	...	...
*	+36·813	− 3·391	1·15	45.3271	9·8
...	36·815	−51·059	− 5	*m*	...
...	36·900	+36·594	− 2	...	...
*	37·126	+30·766	1·05	45.3270	9·8
...	37·194	− 4·486	− 4	*m*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
1141-1200					
1141					
...	+37·253	+59·395	0·95	44.3252	10·1
...	37·621	−13·177	− 3	...	...
...	37·669	−58·651	− 2	...	...
*	37·721	+49·472	1·20	45.3272	9·6
...	37·771	−16·485	0·70	...	...
*	+38·061	+10·151	0·90	45.3273	10·2
...	38·234	+18·984	− 3	...	...
*	38·555	+37·412	1·00	45.3274	10·1
...	38·568	−28·099	− 4	...	...
...	38·593	+42·009	0·70	...	...
1151					
*	+38·658	−41·481	1·05	46.3273	9·6
...	39·032	+37·803	− 5	*m*	...
...	39·056	+45·828	0·70	45.3275	10·2
...	39·287	+42·603	− 1	...	...
...	39·481	+ 5·522	0·70	45.3276	10·2
...	+39·588	+ 4·659	− 5	*m*	...
†	39·635	+15·777	− 5	*m*	...
N	40·072	−38·735	0·95	46.3274	10·2
...	40·208	−50·584	− 1	...	...
...	40·274	+ 4·486	0·70	45.3278	10·2
1161					
*	+40·275	+49·476	2·20	45.3277	8·8
...	40·422	−41·118	0·80	46.3275	10·2
...	40·611	−51·690	− 5	*m*	...
...	40·629	+ 2·420	0·65	*b*	...
*	40·773	−23·121	1·00	46.3276	10·0
...	+40·822	−44·429	0·90	46.3277	10·2
...	40·847	− 5·075	0·70	...	...
...	40·926	− 4·544	− 5	*m*	...
...	41·288	+14·700	− 5	*m*	...
...	41·343	+14·473	0·80	45.3279	10·2
1171					
...	+41·360	+21·769	0·70	...	...
...	41·401	+37·699	0·70	...	...
...	41·748	−14·007	− 4	*m*	...
...	42·029	+12·184	− 5	*m*	...
...	42·056	+ 4·603	0·80	45.3280	10·2
...	+42·179	−26·761	0·65	...	...
...	42·179	−36·349	− 1	...	...
...	42·405	+17·005	− 5	...	...
...	43·018	+52·563	− 5	*m*	...
...	43·186	− 8·203	0·70	...	...
1181					
*	+43·574	+13·955	1·60	45.3281	9·6
...	43·795	+13·710	− 4	*m*	...
...	43·969	+37·387	0·80	...	...
* [	44·079	+17·675	1·50	45.3282	9·5
* [	44·135	+17·624	1·50		
...	+44·315	+50·245	0·90	...	...
...	44·370	+45·903	− 1	...	...
...	44·410	+ 9·407	0·65	...	...
...	44·567	+25·217	− 5	*m*	...
‡	44·648	−10·401	1·00	46.3278	9·8
1191					
†	+44·666	+13·159	0·90	45.3283	10·1
†	44·712	−32·127	0·70	...	...
...	44·939	+56·976	− 5	*m*	...
*	45·178	−18·969	1·00	46.3279	9·8
...	45·192	−55·545	− 1	...	...
...	+45·267	+50·052	− 5	*m*	...
...	45·431	−54·245	− 5	*m*	...
...	45·732	+ 8·596	− 2	...	...
*	45·811	−53·255	1·00	46.3280	10·0
...	46·178	− 5·753	− 1	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
1201-1260					
1201					
*	+46·188	+29·612	1·50	45.3284	9·4
...	46·225	+ 4·544	− 3	...	...
...	46·239	+55·084	0·85	44.3268	10·2
...	46·240	+ 9·599	0·70	...	...
...	46·243	+ 9·661	0·85	45.3286	10·0
*	+46·289	+33·305	1·40	45.3285	9·6
*	46·687	+ 7·803	1·00	45.3288	9·8
...	47·167	−33·549	− 4	...	...
...	47·271	+13·228	0·70	45.3289	10·2
*	47·389	+50·975	1·20	45.3287	9·8
1211					
...	+47·663	−51·016	− 1	46.3283	10·2
...	47·665	−50·871	− 3	...	...
*	47·704	−17·089	1·00	46.3281	9·8
...	47·824	−20·687	− 5	*m*	...
...	47·941	+43·923	0·90	45.3290	10·1
...	+48·023	−50·465	− 3	...	...
...	48·045	−28·495	0·70	46.3282	10·2
...	48·116	−22·527	0·65	...	...
...	48·245	−37·470	0·75	...	...
...	48·388	+39·556	− 4	*m*	...
1221					
...	+48·583	−23·362	− 4	...	...
...	48·722	+53·442	− 3	...	...
...	48·975	−11·076	0·70	...	...
*	49·041	+45·331	1·15	45.3291	9·8
...	49·357	+30·833	− 2	...	...
...	+49·427	−11·684	0·70	46.3287	10·2
...	49·459	+46·464	1·00	45.3292	10·0
†	49·660	−53·326	0·85	46.3288	10·2
†	49·672	−21·575	0·75	...	...
*	49·773	−11·743	1·80	46.3287	9·2
1231					
*	+49·808	+48·915	2·00	45.3293	9·1
Sn *	50·258	+10·959	2·30	45.3294	8·8
...	50·476	− 1·739	0·80	...	...
...	50·485	+43·387	0·70	...	...
n *	50·519	+10·938	1·05	45.3294	8·8
...	+50·628	− 9·614	− 1	...	...
...	50·896	−39·722	0·90	46.3289	10·2
...	51·028	− 0·540	0·70	...	...
...	51·445	+39·472	0·75	...	...
...	51·839	+34·003	− 5	*e*	...
1241					
*	+51·874	+33·892	1·15	45.3295	9·8
...	52·065	−22·598	− 5	*m*	...
*	52·117	+17·172	2·00	45.3297	9·0
...	52·129	+34·747	0·85	45.3296	10·2
*	52·258	−47·815	0·95	46.3290	10·1
†	+52·434	+53·137	− 4	*e*	...
†	52·457	+ 9·957	− 4	...	...
...	52·800	+35·438	0·75	...	...
...	53·266	−32·186	0·90	46.3291	10·2
...	53·456	+26·894	− 1	...	...
1251					
*	+53·570	−42·137	1·80	46.3292	9·3
...	53·587	+ 3·084	− 1	*e*	...
*	53·635	−41·424	2·00	46.3293	9·2
...	53·635	−58·701	− 5	...	...
...	53·744	+26·325	− 5	*m*	...
...	+53·899	+14·216	− 1	...	...
...	54·025	− 7·280	0·70	...	...
*	54·201	−19·028	1·05	46.3294	10·0
S *	54·287	−22·761	2·30	46.3295	8·8
...	54·587	−17·396	− 1	...	...

1158. Partly obscured by fault.
1232, 1235. C.P.D., mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
1261-1270					
1261				°	
†	+54′662	+37′399	0·70	45.3298	10·2
...	54·916	−10·643	− 5	*m*	...
...	55·051	+ 0·278	− 4	*e*	...
...	55·245	+ 6·021	− 4	...	...
...	55·536	−38·898	− 1	...	...
...	+55·729	+30·725	− 5	*m*	...
...	56·032	−50·961	− 3	*e*	...
*	56·049	−27·245	1·20	46.3296	9·6
...	56·128	+33·983	0·75	45.3299	10·2
S*	56·177	−51·313	5·00	46.3297	6·2
1271-1280					
1271				°	
...	+56′367	+ 6′052	− 4	*e*	...
...	56·727	+32·174	− 5	*m*	...
...	56·836	+21·566	− 5	*e*	...
...	56·872	− 1·847	− 4	...	...
...	57·222	+18·749	− 4	*e*	...
...	+57·375	−37·317	− 5	...	...
*	57·587	+48·295	1·20	45.3300	9·6
†	57·740	− 5·020	− 4	...	...
...	58·116	+11·297	− 3	...	...
...	58·244	+55·996	0·65	44.3283	10·2
1281-1283					
1281				°	
...	+58′258	−29′687	− 4	...	...
...	58·805	+11·687	0·90	45.3301	10·1
*	59·043	− 8·515	1·00	46.3298	9·8

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
−46° No. 55 D,−4 1902·15 **9h 0m**					
1–40					
1				°	
†	−59′732	+54′877	− 1	44.3268	10·2
...	59·262	−10·625	0·90	46.3278	9·8
*	58·986	+33·109	1·30	45.3285	9·6
*	58·962	+29·405	1·50	45.3284	9·4
...	58·764	+ 8·404	− 3	...	...
...	−58·520	−32·339	− 5	...	...
...	58·461	−19·172	0·80	46.3279	9·8
...	58·458	+50·811	1·00	45.3287	9·8
...	58·287	+ 9·484	0·70	45.3286	10·0
...	58·287	+ 9·415	− 2	...	...
11					
...	−58·150	+ 4·364	− 4	...	...
...	57·871	− 5·932	− 3	...	...
*	57·792	+ 7·640	0·90	45.3288	9·8
...	57·689	+43·767	− 1	45.3290	10·1
...	57·384	+13·078	− 1	45.3289	10·2
...	−57·282	−55·730	− 5	...	...
...	57·207	+53·325	− 5	...	...
...	56·746	−53·437	0·90	46.3280	10·0
*	56·634	+45·209	0·90	45.3291	9·8
...	56·252	+46·348	0·75	45.3292	10·0
21					
*	−55·998	−17·212	0·90	46.3281	9·8
*	55·972	+48·828	1·80	45.3293	9·1
...	55·852	+30·715	− 4	...	...
...	55·419	−22·645	− 3	...	...
...	55·305	−28·608	− 1	46.3282	10·2
...	−55·109	+43·316	− 4	...	...
†	54·975	−51·140	− 4	46.3283	10·2
†	54·928	−23·455	− 5	...	...
...	54·906	−11·168	− 2	...	...
...	54·813	−37·559	− 3	...	...
31					
...	−54·446	−11·760	− 1	46.3286	10·2
Sn*	54·315	+10·907	1·60	45.3294	8·8
*	54·074	−11·805	1·40	46.3287	9·2
n*	54·071	+10·883	0·90	45.3294	8·8
...	54·039	+39·424	− 2	...	...
...	−53·880	−21·646	− 1	...	...
...	53·711	− 1·777	− 2	...	...
...	53·472	+53·121	− 5	E	...
*	53·430	+33·869	1·05	45.3295	9·8
...	53·425	+33·987	− 5	E	...
41–80					
41				°	
...	−53′306	− 9′651	− 4	...	...
...	53·198	+34·725	− 1	45.3296	10·2
...	53·186	− 0·569	− 3	...	...
...	53·015	−15·580	− 5	A	...
...	52·904	−53·378	− 1	46.3288	10·2
*	−52·649	+17·163	1·60	45.3297	9·0
...	52·569	+35·428	− 2	...	...
†	52·107	+ 9·972	− 5	...	...
...	52·107	−39·733	0·70	46.3289	10·2
...	51·638	+26·924	− 4	...	...
51					
...	−50·785	+14·261	− 5	...	...
...	50·751	+37·457	− 1	45.3298	10·2
...	50·751	+ 3·133	− 5	E	...
...	50·485	−47·782	0·70	46.3290	10·1
†	49·983	− 7·210	− 4	...	...
†	−49·954	−32·132	− 3	46.3291	10·2
*	49·443	−18·956	0·85	46.3294	10·0
*	49·324	−42·050	1·30	46.3292	9·3
*	49·285	−41·353	1·80	46.3293	9·2
S *	49·229	−22·678	1·80	46.3295	8·8
61					
...	−49·212	+ 0·379	− 4	E	...
...	49·191	+34·095	0·65	45.3299	10·2
...	49·188	+ 6·134	− 4	...	...
...	49·104	−17·305	− 4	...	...
*	48·185	+48·434	1·00	45.3300	9·6
...	−48·092	+21·709	− 5	E	...
...	48·068	+ 6·198	− 4	E	...
...	47·773	+56·152	− 1	44.3283	10·2
...	47·610	+18·903	− 4	E	...
...	47·490	−38·757	− 4	...	...
71					
*	−47·332	−27·100	1·00	46.3296	9·6
...	47·301	− 1·683	− 4	...	...
...	46·612	−50·800	− 5	E	...
...	46·477	+11·483	− 4	...	...
S *	46·412	−51·168	4·20	46.3297	6·2
...	−46·344	− 4·826	− 3	...	...
*	45·811	+11·889	0·75	45.3301	10·1
*	45·249	+29·528	0·95	45.3302	9·8
...	45·215	+52·263	− 3	...	...
...	45·071	−29·469	− 4	...	...
81-120					
81				°	
*	−44′924	− 8′275	0·90	46.3298	9·8
...	44·497	+38·024	− 3	...	...
...	44·099	+16·974	− 1	45.3303	10·2
...	44·068	− 4·249	− 3	...	...
...	43·845	+22·258	− 3	...	...
...	−43·506	+43·318	− 2	...	...
...	42·911	−45·918	− 1	46.3299	10·2
*	42·748	+25·186	0·80	45.3304	10·0
...	42·604	+30·314	− 2	...	...
...	42·507	+54·348	− 3	...	...
91					
...	−41·960	+17·628	− 3	45.3305	10·2
...	41·892	−13·047	− 4	...	...
...	41·765	−46·025	− 2	46.3300	10·2
...	41·737	+11·581	− 3	...	...
*	41·426	+18·143	0·75	45.3306	10·2
*	−41·333	+38·223	1·00	45.3307	9·6
‡	41·258	−19·934	0·90	46.3302	9·8
*	41·131	−46·379	1·00	46.3301	9·8
...	40·591	+15·827	− 4	A	...
...	40·373	+15·361	− 1	45.3308	10·2
101					
...	−40·328	−59·066	− 4	...	...
...	40·255	+30·060	− 2	...	...
...	40·181	+16·458	− 4	...	...
...	40·110	−58·729	− 4	...	...
*	39·843	−50·376	1·15	46.3303	9·8
*	−39·353	−41·025	1·50	46.3304	9·4
...	39·253	+48·450	0·80	45.3309	9·8
...	39·070	− 7·793	− 5	M	...
...	38·910	+33·378	− 1	...	...
...	38·799	+33·835	0·70	45.3310	10·2
111					
...	−38·720	−30·186	− 4	...	...
*	38·252	+59·216	1·30	44.3295	9·6
...	38·022	+ 0·958	− 4	...	...
...	37·927	−25·337	− 5	...	...
...	37·881	+44·341	0·70	45.3312	10·2
...	−37·653	+22·469	− 3	...	...
*	37·560	−55·187	2·00	46.3305	9·1
*	37·449	− 4·371	0·85	45.3311	9·8
...	37·348	−55·858	− 2	46.3306	10·2
...	37·246	+10·527	− 1	45.3313	10·2

ES. measured from 1, 105, 213, 372, 517, 636.
MC. ,, ,, 55, 165, 289, 444, 575, 705.

32, 34. C.P.D., mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
121-180					
121	′	′		°	
...	−36·751	+ 9·528	− 2	45·3314	10·2
*	36·337	− 9·398	0·85	46.3307	9·8
...	36·145	+ 7·715	− 1	...	...
...	36·132	−28·034	− 4	...	...
...	36·120	− 3·636	− 2	...	...
...	−35·486	+49·072	− 5	M	...
...	34·869	−27·341	− 5	M	...
*	34·397	+50·274	0·90	45.3315	9·8
...	34·094	+38·700	− 5	...	...
*	33·863	− 1·958	1·30	45.3316	9·2
131	′				
...	−33·856	+55·102	− 4	...	...
...	33·734	−26·029	− 5	...	...
...	33·725	+25·403	− 5	M	...
*	33·498	+34·521	1·10	45.3317	9·5
...	33·423	+46·248	− 5	M	...
...	−33·371	+ 5·466	− 4	B	...
*	33·344	−17·844	1·80	46.3310	8·8
...	33·292	+18·237	0·70	45.3318	10·1
*	33·206	−43·830	1·50	46.3308	9·2
...	33·114	−43·710	0·65	...	...
141					
*	−33·104	−56·880	1·05	46.3309	9·6
*	32·847	+14·517	0·95	45.3319	9·6
...	32·708	+25·088	− 3	...	...
...	32·269	+15·642	− 4	...	...
...	32·251	+39·683	− 3	...	...
...	−32·122	+42·974	− 1	45.3320	10·2
*	31·797	−19·568	2·00	46.3311	8·4
*	31·492	−25·297	1·05	46.3312	9·6
...	31·413	+43·606	− 4	...	...
...	31·403	− 8·519	− 2	46·3313	10·2
151					
*	−31·197	+39·334	1·00	45.3321	9·6
...	31·175	−24·064	− 1	46.3314	10·2
...	31·108	− 2·991	− 5	A	...
...	30·978	+ 5·136	− 4	B	...
...	30·957	+ 2·407	− 3	45.3322	10·2
...	−30·898	+43·537	0·70	45.3323	10·2
*	30·715	−52·061	2·00	46.3315	8·6
...	30·567	− 1·098	− 2	...	...
*	30·550	−56·952	0·95	46.3316	9·8
...	30·492	−44·148	0·70	46.3317	10·0
161					
...	−30·350	+ 2·208	− 5	...	...
...	30·214	+29·643	− 3	...	...
...	30·167	−38·118	− 5	...	...
‡	30·059	+16·525	0·90	45.3324	9·6
...	29·950	−10·083	0·70	46.3318	10·2
...	−29·727	+15·229	− 5	M	...
*	28·753	+29·675	2·00	45.3325	8·5
...	28·503	−32·451	− 3	...	...
...	28·480	+13·451	− 5	M	...
*	28·132	+33·387	1·20	45,3326	9·2
171					
...	−28·119	+49·610	− 1	...	...
*	27·947	−14·762	0·90	46.3319	9·8
...	27·937	− 8·419	− 5	M	...
...	27·862	−14·700	− 4	A	...
S *	27·579	+45·518	2·10	45.3327	8·2
...	−27·364	−22·937	0·65	46.3321	10·2
...	27·053	+ 1·326	0·90	45.3328	9·8
...	26·930	−11·635	− 3	...	...
...	26·876	− 0·700	− 5	M	...
...	26·870	−16·178	− 3	...	...
181-240					
181	′	′		°	
...	−26·492	−28·369	− 1	46.3323	10·2
...	26·461	−54·372	− 1	46.3322	10·1
†	26·294	+20·011	− 3	45.3329	10·2
...	26·083	+15·991	0·65	45.3330	10·0
...	26·025	+37·522	− 4	...	...
...	−25·378	+12·190	− 5	M	...
...	25·361	−20·887	− 3	...	...
†	25·105	−44·781	− 4	A	...
†	25·068	− 3·349	− 3	...	...
†	25·007	+41·935	0·65	45.3331	10·2
191					
...	−24·901	− 4·137	− 3	...	...
...	24·592	−35·619	− 5	M	...
...	24·591	+28·886	− 5	M	...
...	24·221	−29·385	− 4	...	...
*	23·939	+51·917	0·75	45.3332	10·2
...	−23·888	+26·175	− 4	...	...
...	23·729	− 3·787	− 3	A	...
...	23·480	+ 3·757	0·65	45.3333	10·0
S *	23·385	−51·662	2·30	46.3324	7·8
*	23·005	+22·167	1·00	45.3334	9·6
201					
...	−22·702	+30·544	− 4	A	...
...	22·582	+32·529	− 4	...	...
*	22·444	−40·291	1·20	46.3325	9·5
...	22·229	− 0·878	− 3	...	...
...	21·642	+38·193	− 4	A	...
...	−21·605	−41·616	− 4	...	...
...	21·230	−38·448	− 5	...	...
...	21·059	−51·215	− 4	...	...
*	21·038	+27·388	0·85	45.3335	10·0
...	20·514	+55·667	− 4	...	...
211					
...	−20·316	+51·530	− 4	...	...
...	20·142	−27·833	− 5	M	...
†	20·044	− 9·618	− 5	M	...
...	19·943	−45·953	− 2	...	...
*	19·662	−26·667	0·95	46.3326	9·6
†	−19·643	+44·946	− 5	M	...
...	19·336	−14·709	− 3	...	...
*	19·196	−11·460	1·10	46.3327	9·8
...	18·831	−26·984	− 4	...	...
...	18·500	+37·710	− 5	...	...
221					
...	−18·170	+25·823	− 4	A	...
...	18·093	−39·509	− 3	...	...
...	17·817	−41·357	− 3	...	...
*	17·714	+10·817	0·85	45.3336	9·8
...	17·660	+30·524	0·65	45.3338	10·2
...	−17·653	+53·920	0·80	45.3337	10·0
...	17·587	− 2·086	− 5	M	...
...	17·482	+24·690	− 5	...	...
...	17·433	+13·567	− 2	...	...
...	17·313	−47·737	− 4	...	...
231					
...	−17·229	−15·718	− 5	M	...
...	17·187	−31·995	− 2	...	...
...	17·097	+37·299	− 5	M	...
...	17·049	−34·488	− 5	M	...
...	17·039	−14·854	− 3	...	...
*	−16·943	− 1·005	0·90	45.3339	9·6
...	16·926	+21·701	− 4	...	...
...	16·913	+32·808	− 3	...	...
...	16·610	+32·209	− 4	B	...
...	16·594	−23·859	0·65	46.3328	10·2
241-300					
241	′	′		°	
...	−16·418	−10·031	− 4	...	...
...	16·143	−41·541	0·70	46.3329	10·2
...	16·015	−27·048	0·65	46.3330	10·2
...	15·946	+19·468	− 5	...	...
...	15·937	+18·557	− 5	M	...
...	−15·911	−10·608	0·65	46.3331	10·2
...	15·605	+55·130	0·70	44·3329	10·2
*	15·543	+11·802	0·90	45.3340	9·8
...	15·286	−24·593	0·65	46.3332	10·2
...	15·201	+53·015	− 5	...	...
251					
...	−15·014	−55·623	− 5	...	...
*	14·941	+11·524	0·90	45.3341	9·8
*	14·504	+ 4·323	0·95	45.3342	9·5
...	14·259	+24·804	− 2	45.3343	10·2
*	14·167	−17·924	0·80	46.3333	10·0
*	−14·032	− 3·803	1·80	45.3344	8·8
...	13·841	−40·285	0·65	46.3334	10·1
†	13·736	−14·992	− 5	...	...
...	13·630	+11·192	− 5	M	...
*	13·572	− 5·581	0·90	45.3345	9·6
261					
...	−13·541	+26·935	− 3	...	...
*	13·507	+ 3·660	0·95	45.3346	9·5
...	13·448	+ 0·983	− 3	α	...
*	13·410	−32·273	1·70	46.3335	9·2
...	13·323	− 8·921	− 3	...	...
...	−13·174	−33·859	− 1	...	...
...	13·132	−36·850	− 4	...	...
*	13·054	−57·607	0·90	46.3336	9·8
...	13·032	+38·342	− 5	M	...
...	12·704	+39·453	− 3	...	...
271					
...	−12·303	−22·001	− 2	...	...
....	12·251	+46·818	− 5	...	...
...	12·082	+41·860	− 4	...	...
...	11·936	− 9·826	0·70	46.3337	10·2
*	11·807	+12·212	0·90	45.3347	9·6
...	−11·750	−17·266	− 5	M	...
...	11·596	+27·327	− 5	M	...
...	11·580	+42·576	− 5	...	...
...	11·349	− 1·338	0·70	45.3348	10·2
...	10·897	+42·192	− 5	M	...
281					
*	−10·787	−54·413	0·90	46.3339	9·8
...	10·716	+55·249	− 3	...	...
*	10·670	+53·060	0·80	45.3349	9·8
...	10·315	+23·202	− 4	...	...
N	10·257	− 1·155	0·75	45.3350	9·4
N *	−10·190	− 1·085	1·00		
S ‡	10·183	−10·018	2·00	46.3340	8·6
*	10·161	−18·314	0·75	46.3341	10·2
†	10·075	+13·948	− 4	...	...
†	10·041	−12·625	− 4	...	...
291					
...	− 9·940	− 9·100	− 3	46.3342	10·2
...	9·691	+13·183	− 5	...	...
...	9·671	+58·128	− 3	...	...
*	9·618	+ 9·730	1·20	45.3352	9·6
*	9·609	− 5·560	1·20	45.3351	9·8
...	− 9·229	−18·652	− 3	...	...
*	9·141	−34·135	1·00	46.3343	9·6
...	9·139	−32·975	− 3	...	...
...	8·978	−46·101	0·75	46.3344	10·0
*	8·859	−55·166	1·00	46.3345	9·8

285, 286. 47°54, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
301-360					
301					
...	− 8·537	+29·309	− 1	45·3354	10·2
*	8·478	+44·135	1·20	45·3353	9·4
...	8·243	+43·486	0·65	45·3355	10·1
*	8·138	−57·220	0·90	46.3346	9·8
*	8·136	+13·283	1·50	45·3356	9·0
...	− 8·054	−12·708	− 4	*m*	...
...	8·049	−16·362	− 4	*m*	...
...	7·889	+48·133	− 4	...	...
...	7·845	−23·520	− 4	*m*	...
...	7·756	−24·599	0·70	46.3347	10·1
311					
311	− 7·636	+ 5·860	− 4	B *m*	...
...	7·635	+29·324	− 4	...	...
*	7·583	+20·735	1·00	45·3357	9·6
...	7·305	−34·275	− 3	46.3348	10·2
...	7·141	−35·061	− 3	*m*	...
...	− 7·130	+42·597	− 4	...	...
...	7·059	−56·837	− 3	...	...
*	7·051	+11·362	1·00	45·3358	9·6
...	6·760	−13·071	− 2	46.3349	10·2
...	6·747	−15·051	− 4	A *m*	...
321					
*	− 6·710	−34·096	1·70	46.3350	8·8
...	6·680	+13·505	0·80	45·3359	10·0
...	6·133	+18·454	− 5	M *m*	...
...	6·131	− 8·590	− 3	*m*	...
*	6·025	+35·574	1·00	45·3360	9·6
...	− 5·938	+22·116	− 4	M	...
...	5·778	+19·406	− 2	45·3362	10·2
...	5·762	+32·187	− 4	...	...
...	5·732	−38·046	− 3	...	...
*	5·697	+27·624	0·80	45·3361	10·0
331					
...	− 5·555	−23·964	− 1	46.3351	10·2
*	5·412	+17·605	0·95	45·3363	9·8
*	5·334	+39·081	1·10	45·3364	9·6
*	4·956	−32·593	1·10	46.3353	9·3
...	4·859	+ 5·904	− 4	...	...
...	− 4·551	−15·894	− 2	46.3354	10·2
...	4·433	+43·226	− 2	45·3365	10·2
...	4·371	−14·124	− 4	*m*	...
...	4·249	+37·836	0·65	45·3366	10·2
...	4·249	+14·881	− 1	45·3367	10·1
341					
...	− 4·157	+22·170	− 3	...	...
...	4·138	+14·012	− 2	...	...
...	4·103	− 5·307	− 4	A *m*	...
*	4·034	+44·508	1·50	45·3368	9·2
...	3·923	−36·282	− 1	46.3355	10·0
...	− 3·920	+54·472	− 3	...	...
...	3·317	+41·083	− 3	...	...
...	3·187	+12·213	− 3	...	...
...	3·173	+37·965	− 4	...	...
...	3·103	+ 2·540	0·65	45·3370	10·0
351					
...	− 3·071	− 3·697	− 2	45·3369	10·2
...	2·990	+11·012	− 2	45·3371	10·1
*	2·742	−36·878	1·40	46.3356	9·3
...	2·703	+59·387	− 3	...	...
...	2·482	+ 4·245	− 4	M	...
...	− 2·476	+ 8·799	− 5	M	...
*	2·473	+39·730	0·90	45·3372	9·8
...	2·149	+11·701	0·65	45·3373	10·0
...	2·129	+46·861	− 4	M	...
...	2·117	−20·335	− 3	*m*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
361-420					
361					
...	− 1·809	−12·388	− 4	*m*	...
...	1·334	− 0·985	0·70	45.3375	10·1
*	1·333	+22·596	0·90	45.3374	9·8
...	0·868	−43·364	− 5	*m*	...
...	0·759	−41·115	− 5	M *m*	...
*	− 0·576	+23·955	1·00	45.3376	9·6
*	0·462	+47·270	1·00	45.3377	9·6
...	0·411	−18·812	− 4	*m*	...
n	0·212	+45·638	− 3	45.3378	10·2
...	0·176	+32·900	− 5	M	...
371					
n	− 0·165	+45·483	− 2	45.3378	10·2
†	− 0·094	−16·317	− 2	46.3357	10·2
*	+ 0·399	+10·345	0·95	45.3379	9·6
*	0·406	−38·706	1·20	46.3358	9·3
...	0·858	+46·114	− 4	...	...
*	+ 0·914	−59·237	1·00	46.3361	9·8
...	0·978	−39·435	0·70	46.3360	10·0
...	1·284	+24·877	− 5	M	...
...	1·349	−47·072	0·70	46.3363	10·0
*	1·523	−28·834	1·00	46·3362	9·4
381					
...	+ 1·547	+54·109	− 4	...	...
...	1·566	−48·019	− 3	...	...
*	1·595	+19·150	0·80	45.3380	10·0
...	1·643	+45·729	− 5	M	...
...	1·757	+ 5·370	− 5	M *m*	...
...	+ 1·923	+16·971	0·70	45.3381	10·2
*	2·128	+46·711	1·00	45.3382	9·6
*	2·327	−30·045	0·75	46.3364	10·0
...	2·470	+ 6·351	0·70	45.3383	10·1
...	2·570	+59·492	− 5	...	...
391					
*	+ 2·573	−24·409	0·85	46.3365	9·8
*	2·686	+45·195	0·90	45.3384	10·0
...	2·707	+51·516	− 5	M	...
...	2·753	+ 2·948	− 1	45.3386	10·2
S *	2·814	+22·163	1·70	45.3385	8·8
...	+ 2·847	− 5·736	− 5	M *m*	...
...	2·922	+47·867	0·65	45.3387	10·2
...	3·059	+21·849	− 3	...	...
*	3·801	−14·609	0·85	46.3366	9·8
...	3·875	− 3·831	− 5	M *m*	...
401					
...	+ 4·047	+28·815	− 1	45.3388	10·2
*	4·390	− 8·344	0·90	46.3367	9·6
*	4·395	+13·239	0·85	45.3389	9·8
*	4·491	−59·574	1·00	46.3368	9·6
...	4·520	−20·133	− 4	A *m*	...
...	+ 4·678	+59·491	− 2	44.3368	10·2
*	5·035	− 8·330	1·15	46.3369	9·3
...	5·356	+ 9·499	− 2	45.3390	10·2
...	5·636	−40·761	− 5	M *m*	...
*	5·846	+23·564	1·05	45.3391	9·4
411					
...	+ 5·941	+17·126	− 3	...	...
*	6·040	+43·261	1·00	45.3393	9·8
...	6·194	+46·270	0·65	45.3392	10·2
*	6·567	+49·254	0·80	45.3394	9·8
...	6·884	+22·744	− 3	45.3396	10·2
*	+ 6·969	+52·989	0·85	45.3395	9·8
*	7·012	−20·988	1·15	46.3370	9·4
...	7·102	+21·837	− 5	M	...
S *	7·244	−41·972	5·60	46.3372	6·9
...	7·285	+48·395	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
421-480					
421					
...	+ 7·435	+43·462	− 5	...	...
...	7·463	−48·742	− 5	M *m*	...
*	7·934	+56·443	1·05	44.3374	9·8
*	7·964	− 9·127	1·15	46.3373	9·4
...	8·075	−57·831	− 4	...	...
*	+ 8·113	+49·191	0·85	45.3397	9·8
...	8·180	+ 3·738	− 4	...	...
...	8·191	−34·599	− 1	46.3374	10·2
...	8·364	− 6·370	− 4	*b*	...
‡	8·439	+ 5·046	0·95	45.3398	9·6
431					
*	+ 8·531	−59·348	1·15	46.3375	9·5
...	8·729	+35·502	− 5	...	...
...	8·988	+34·368	− 5	...	...
...	9·020	+59·662	− 5	...	...
*	9·069	−32·598	0·75	46.3376	9·8
...	+ 9·157	+15·468	− 5	...	...
...	9·276	−44·084	− 5	*m*	...
...	9·416	− 4·048	− 4	*b*	...
...	9·432	+37·538	− 5	...	...
...	9·503	+24·557	0·70	45.3400	10·1
441					
...	+ 9·519	−31·159	− 5	*m*	...
...	9·550	+52·317	0·70	45.3399	10·2
...	9·629	−27·590	− 2	...	...
...	10·171	−56·130	− 2	...	...
...	10·262	−36·607	− 3	...	...
...	+10·342	+52·583	− 1	45.3401	10·2
...	10·346	− 7·294	− 5	*m*	...
...	10·460	+50·153	− 3	...	...
...	10·462	−36·139	− 1	46.3377	10·2
...	10·520	+22·021	− 3	45.3402	10·2
451	+10·622	+52·409	− 5	...	...
...	10·637	−39·005	− 5	*m*	...
*	10·808	+34·708	1·40	45.3403	9·3
...	11·084	+20·481	− 3	...	...
...	11·191	+18·493	0·75	45.3404	10·0
...	+11·296	+53·202	− 4	...	...
...	11·325	+41·473	− 3	...	...
...	11·410	−50·060	− 3	...	...
...	11·825	−29·685	− 1	46.3379	10·6
*	11·904	+ 0·662	1·40	45.3405	9·2
461	+12·142	+55·328	− 3	...	...
...	12·181	+51·291	− 4	...	...
...	12·191	+10·630	− 1	45.3406	10·6
...	12·441	−21·971	− 5	*m*	...
*	12·574	−11·079	1·70	46.3380	8·9
...	+12·580	+47·462	0·65	45.3407	10·6
*	12·615	+59·506	0·95	44.3381	10·2
n *	12·784	+32·123	1·50	45.3409	8·0
...	12·845	+46·789	0·65	45.3408	10·6
*	13·049	−27·842	1·10	46.3381	9·6
471					
n *	+13·096	+32·181	2·60	45.3409	8·0
...	13·145	+25·028	− 5	*a*	...
...	13·272	+18·853	0·70	45.3410	10·6
...	13·493	+40·153	− 4	...	...
...	13·572	+51·973	− 4	...	...
...	+13·675	+48·658	− 1	...	...
...	13·827	+25·356	− 2	45.3411	10·6
...	13·957	+19·032	0·65	45.3412	10·6
...	13·980	+45·441	− 2	...	...
...	14·005	+30·202	− 3	...	...

369, 371. C.P.D., mass.
468, 471. C.P.D., suspected double.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
481–540					
481					
*	+14·085	−25·114	3·40	46.3382	7·5
*	14·181	+40·354	1·50	45.3413	9·2
...	14·554	+23·136	− 4	...	...
...	14·571	+48·025	− 2	...	...
...	14·607	+31·539	− 1	45.3414	10·6
*	+14·624	−32·385	0·90	46.3383	10·1
*	14·933	−51·561	0·90	46.3384	10·2
*	15·248	− 4·825	1·10	45.3415	9·8
...	15·484	+45·310	− 3	...	...
...	15·631	−30·006	− 2	...	...
491					
...	+15·757	− 4·668	− 3	...	...
...	15·916	+23·095	− 2	...	...
...	15·970	+46·649	− 3	...	...
...	16·275	+53·047	− 5	...	...
...	16·365	+56·122	0·85	44.3387	10·6
...	+16·767	− 1·825	− 1	45.3416	10·6
...	17·073	+16·118	− 4	...	...
*	17·157	−38·826	2·10	46.3385	8·4
...	17·237	+20·854	− 3	...	...
...	17·359	−31·471	− 5	*m*	...
501					
...	+17·361	+12·122	− 3	...	...
*	17·378	−28·449	0·85	46.3386	10·2
*	17·424	+32·785	1·20	45.3417	9·6
...	17·425	+36·475	− 5	...	...
...	17·537	+44·350	− 5	...	...
...	+17·652	−45·726	− 1	...	...
*	17·742	−31·445	0·95	46.3387	10·1
...	17·787	−26·103	− 3	...	...
...	17·806	+41·110	− 4	...	...
*	17·818	+53·751	0·95	45.3418	10·1
511					
...	+18·543	+44·030	− 4	...	...
*	18·758	+50·039	0·90	45.3419	10·4
*	18·892	+ 2·970	1·80	45.3420	8·9
...	19·028	− 8·832	− 4	*a*	...
*	19·280	−43·937	0·90	46.3388	9·8
*	+19·717	−36·242	0·95	46.3389	10·0
...	20·120	+28·648	− 1	45.3421	10·6
...	20·241	+55·183	− 5	...	...
...	20·443	+18·735	− 2	45.3422	10·6
...	20·476	+52·800	− 5	...	...
521					
...	+20·901	+59·171	− 3	...	...
...	21·060	−25·269	0·70	46.3390	10·6
*	21·132	−41·269	0·85	46.3391	10·2
...	21·280	+36·366	− 4	...	...
...	21·517	+43·429	− 5	...	...
*	+22·254	+50·717	0·90	45.3423	10·2
...	22·474	−32·543	0·65	46.3393	10·6
...	22·580	+53·897	− 5	...	...
...	22·595	−45·364	0·70	...	...
...	22·754	−39·688	0·70	46.3394	10·6
531					
*	+23·115	+24·153	0·90	45.3424	10·0
...	23·155	+23·628	− 4	*b*	...
...	23·163	+28·903	− 3	...	...
...	23·176	+41·293	− 5	...	...
...	23·291	− 5·882	− 4	*b*	...
...	+23·519	+33·682	− 3	...	...
...	23·522	+16·975	− 5	*a*	...
...	23·695	+38·649	− 5	...	...
...	23·735	+42·912	0·65	...	...
...	23·775	−50·592	− 5	*m*	...
541–600					
541					
...	+23·866	−35·830	− 2	...	...
...	23·955	−44·283	− 5	*m*	...
*	24·093	−44·761	0·90	46.3396	10·0
...	24·116	−26·169	− 2	...	...
†	24·230	+15·028	0·65	45.3425	10·6
*	+24·459	+55·481	1·70	44.3405	8·9
...	24·735	+21·788	− 4	...	...
...	25·291	− 5·237	− 1	...	...
*	25·340	+48·349	1·20	45.3426	9·6
...	25·377	+21·938	− 5	...	...
551					
*	+25·499	−51·710	1·15	46.3400	9·6
*	25·584	−21·289	0·75	46.3399	10·5
...	25·772	+35·670	0·70	...	...
...	25·894	+ 5·280	− 2	...	...
...	25·929	+32·905	− 5	...	...
...	+26·115	+24·623	− 5	...	...
*	26·159	+19·406	1·70	45.3427	8·9
...	26·373	+30·025	− 5	...	...
...	26·417	− 8·275	0·65	...	...
...	26·550	+33·189	− 5	...	...
561					
S *	+26·803	+57·673	2·00	44.3409	8·0
...	27·582	−45·056	− 2	...	...
...	27·651	+44·461	− 3	...	...
*	27·707	+35·320	0·80	45.3428	10·6
*	27·781	−28·838	0·90	46.3401	10·0
*	+27·853	+38·028	0·85	45.3429	10·1
...	28·150	+ 1·895	− 5	*m*	...
...	28·154	−36·955	0·65	...	...
*	28·428	+42·637	0·90	45.3430	10·1
S *	28·535	−11·553	1·60	46.3402	8·8
571					
*	+29·299	−34·323	0·80	46.3403	10·2
...	29·463	+54·602	− 5	...	...
...	29·548	+41·517	− 5	...	...
*	29·725	+22·630	0·95	45.3431	9·8
...	30·018	+39·590	− 5	...	...
*	+30·119	−17·807	0·75	46.3404	10·4
...	30·307	+18·205	− 4	...	...
...	30·856	+ 8·327	− 4	...	...
...	31·039	+47·396	0·75	45.3432	10·4
...	31·074	−31·546	− 5	*m*	...
581					
...	+31·098	+29·750	− 3	...	...
...	31·118	+25·498	− 4	...	...
*	31·268	+18·387	0·90	45.3433	10·1
*	31·487	−21·639	0·80	46.3405	10·4
...	31·561	− 2·773	− 4	*b*	...
...	+31·972	+ 7·709	− 5	...	...
*	32·017	−38·154	1·00	46.3406	9·8
*	32·197	−40·211	1·00	46.3407	9·8
...	32·283	−20·123	− 4	*b*	...
S *	32·365	−47·074	1·80	46.3408	9·0
591					
...	+32·821	−38·388	− 4	...	...
*	32·995	+ 2·340	1·00	45.3434	10·0
...	33·025	+50·098	− 2	...	...
...	33·446	+32·736	0·65	45.3435	10·6
...	33·528	−22·407	− 4	...	...
...	+33·582	−53·819	− 4	...	...
S *	33·681	+ 9·009	1·50	45.3436	9·0
...	33·694	−34·470	− 4	...	...
*	33·733	− 0·608	1·60	45.3438	8·9
...	34·107	+51·260	− 3	...	...
601–660					
601					
...	+34·175	+42·888	0·75	45.3437	10·6
...	34·341	−38·760	− 5	*m*	...
...	34·374	+28·990	− 5	...	...
...	34·463	+21·343	− 5	...	...
*	35·140	+43·938	0·95	45.3439	10·2
†	+35·154	−49·908	− 4	...	...
*	35·255	−52·370	1·00	46.3409	10·0
...	35·664	−22·019	− 1	...	...
*	36·223	+43·785	1·20	45.3440	9·4
...	36·597	+36·586	− 5	...	...
611					
...	+36·790	−29·343	− 4	...	...
‡	36·791	+ 9·933	0·95	45.3441	10·0
...	36·843	+13·658	− 4	...	...
...	36·923	−32·184	− 5	*m*	...
...	36·982	+25·520	− 5	...	...
*	+36·999	+31·462	1·80	45.3442	8·9
...	37·036	−35·354	− 4	*b*	...
...	37·269	+43·582	− 5	...	...
*	37·472	−16·538	0·95	46.3410	10·0
...	37·565	−55·483	− 5	*m*	...
621					
...	+37·801	−52·059	− 3	...	...
...	37·819	+35·797	− 5	...	...
*	37·995	+22·827	2·00	45.3443	8·6
...	38·116	+26·510	− 4	...	...
...	38·263	−40·655	− 1	46.3411	10·6
...	+38·512	+12·105	0·70	45.3444	10·6
...	38·555	+45·785	− 5	...	...
*	38·760	+20·401	1·00	45.3445	9·8
...	38·969	−16·227	− 1	46.3412	10·6
*	39·253	− 6·215	0·80	46.3413	10·4
631					
...	+39·315	+39·825	− 1	45.3446	10·6
...	39·416	−28·619	− 4	...	...
...	39·470	−38·543	− 3	...	...
...	39·504	−14·203	− 3	...	...
...	39·521	+34·329	− 4	...	...
‡	+39·782	−42·954	1·35	46.3414	9·2
...	40·344	−20·733	− 5	*m*	...
...	40·418	−42·316	− 3	...	...
*	40·726	−28·369	1·35	46.3415	9·2
*	41·027	+27·105	0·90	45.3447	9·8
641					
...	+41·286	+41·014	− 5	...	...
...	41·645	− 8·627	− 5	*m*	...
...	41·759	+17·936	− 5	...	...
*	41·863	−42·345	0·80	46.3417	10·5
*	41·881	−22·453	1·00	46.3416	9·4
...	+42·020	−10·917	− 5	*m*	...
...	42·027	−54·359	0·65	46.3418	10·6
...	42·040	−43·252	− 5	*m*	...
*	42·214	−53·322	1·00	46.3420	10·0
...	42·245	− 6·876	0·70	...	...
651					
*	+42·352	−44·457	0·90	46.3419	10·2
...	43·036	−10·136	− 5	*m*	...
*	43·121	+34·366	1·05	45.3448	9·7
...	43·226	−10·541	− 2	...	...
...	43·623	+55·047	0·85	44.3439	10·5
...	+43·657	+36·299	0·65	45.3450	10·6
*	43·680	− 3·836	1·30	45.3451	9·1
...	43·735	+53·567	0·85	45.3449	10·5
*	43·790	−22·093	1·90	46.3421	8·6
*	43·882	−48·380	1·40	46.3424	9·4

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
661-700					
661					
*	+43′·955	−23′·783	1·00	46°.3422	9·8
*	44·014	−21·032	0·75	46.3423	10·6
...	44·200	−35·148	− 4	...	...
...	44·631	− 9·206	0·70	...	...
...	45·124	+21·588	− 5	...	...
f‡	+45·147	− 0·007	0·80	45.3454	10·5
...	45·197	+43·065	− 5	...	...
...	45·272	−13·713	0·65	...	...
*	45·432	+28·478	0·90	45.3452	10·1
...	45·565	−41·617	− 1	...	...
671					
*	+45·773	+30·235	1·80	45.3453	8·7
*	45·786	−30·812	1·30	46.3426	9·2
*	45·820	−49·553	0·90	46.3428	10·2
...	45·830	−49·326	− 3	46.3427	10·6
*	45·875	−11·002	1·00	46.3425	9·6
...	+45·915	−19·591	− 1	...	...
...	46·137	+16·352	− 3	...	...
...	46·316	+35·186	− 4	...	...
...	46·339	−19·816	− 5	*m*	...
...	46·628	−43·174	− 1	...	...
681					
N* [	+46·888	+ 8·769	0·90	45.3455	9·3
N* [	46·929	+ 8·828	1·00		
...	46·978	+ 3·917	− 5	*m*	...
...	47·217	−32·428	− 3	...	...
...	47·300	+ 8·989	− 4	...	...
...	+47·441	+ 2·042	− 5	*m*	...
...	47·492	+40·894	− 4	...	...
*	47·588	+37·191	1·30	45.3456	9·4
...	47·636	+33·169	− 5	...	...
*	47·733	−57·794	0·90	46.3429	10·4
691					
...	+47·765	+ 6·982	− 2	...	...
*	48·006	+ 1·965	0·90	45.3458	10·0
...	48·011	+58·945	− 5	...	...
†	48·318	+44·931	0·80	45.3457	10·5
...	48·503	−17·218	− 5	*e*	...
...	+48·566	−19·469	0·70	46.3430	10·6
...	48·700	+57·488	− 5	...	...
...	48·771	+ 6·838	− 2	...	...
...	48·990	−30·978	− 3	...	...
...	49·006	−42·113	− 1	...	...
701-740					
701					
*	+49′·232	−36′·595	1·00	46°.3431	10·0
...	49·276	+21·749	0·65	...	...
†	49·563	+34·941	− 4	...	...
...	49·672	+36·234	− 5	...	...
...	50·030	+11·860	− 4	...	...
†	+50·080	+44·943	− 1	...	...
...	50·206	− 8·935	0·70	46.3432	10·6
...	50·508	+49·648	− 4	...	...
...	50·558	− 8·812	− 4	*e*	...
...	50·586	+ 9·655	− 4	...	...
711					
...	+50·681	−22·256	0·75	46.3433	10·6
...	50·705	+37·250	− 1	45.3459	10·6
...	50·787	+30·762	− 3	...	...
...	50·792	−42·853	− 5	*m*	...
*	50·846	+ 8·691	1·80	45.3461	8·5
...	+50·906	−16·050	− 3	...	...
...	51·088	+49·673	− 2	45.3460	10·6
...	51·337	+ 0·485	− 4	...	...
*	51·474	− 9·009	1·00	46.3434	10·0
*	51·665	−33·354	1·10	46.3435	10·0
721					
...	+52·086	−19·784	0·70	46.3436	10·5
*	52·088	−50·493	1·40	46.3437	9·6
*	52·108	− 3·412	0·75	45.3463	10·6
...	52·544	+50·039	− 4	...	...
*	52·603	+26·639	1·20	45.3462	9·6
...	+52·841	−14·061	− 2	...	...
...	52·915	−42·877	− 1	46.3438	10·6
...	53·430	−38·122	− 5	*e*	...
...	53·484	+38·212	− 4	...	...
...	53·570	+32·076	− 3	...	...
731					
*	+53·618	+36·371	1·20	45.3464	10·0
...	53·642	+ 8·292	− 4	*a*	...
...	53·707	+38·660	− 4	...	...
...	53·920	+22·640	− 5	...	...
...	54·006	−25·186	− 3	*e*	...
...	+54·080	+17·974	− 5	...	...
...	54·166	+36·930	0·85	45.3465	10·4
*	54·668	−31·464	1·00	46.3439	10·0
*	54·866	+ 9·745	0·90	45.3466	10·2
*	55·299	− 2·093	1·00	45.3468	10.0
741-766					
741					
*	+55′·371	+53′·720	1·70	44°.3457	9·4
...	55·674	+23·317	− 4	...	...
...	55·770	+26·588	− 2	...	...
...	55·857	+35·390	0·80	45.3467	10·2
...	56·033	−16·282	− 1	...	...
...	+56·062	+ 5·773	− 1	...	...
*	56·192	−22·478	1·20	46.3440	9·4
...	56·296	+12·841	− 2	...	...
...	56·552	+34·385	0·75	45.3469	10·6
*	56·699	+ 5·711	0·95	45.3470	10·0
751					
...	+56·702	−17·022	− 5	*e*	...
...	56·717	+12·994	− 3	...	...
...	56·740	+35·051	− 5	...	...
...	56·960	+ 6·915	0·65	45.3471	10·6
...	57·138	−42·576	− 4	...	...
*	+57·308	−13·963	0·80	46.3441	10·6
...	57·474	− 2·074	− 4	*b*	...
*	57·860	−49·286	0·95	46.3442	10·2
...	58·267	−22·717	− 4	...	...
...	58·524	+ 0·368	− 3	...	...
761					
...	+58·652	+58·280	− 5	...	...
...	59·089	+ 5·381	− 2	...	...
...	59·144	+ 2·712	− 4	*a*	...
*	59·249	+53·287	1·20	45.3472	10·0
...	59·646	− 1·751	− 4	*e*	...
‡	+59·710	−25·240	1·30	46.3443	9·6

681, 682. 45° 55, 46° 56, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
1-10					
1					
‡	−59′·751	−22′·354	2·00	46°.3421	8·6
*	59·696	+28·244	1·00	45.3452	10·1
...	59·573	−21·279	0·95	46.3423	10·6
*	59·532	−24·031	1·20	46.3422	9·8
*	59·419	+30·014	2·00	45.3453	8·7
...	−59·313	− 9·439	0·85	...	...
F	59·102	− 0·220	0·95	45.3454	10·5
...	58·950	−35·383	− 2	...	...
*	58·830	−48·611	1·80	46.3424	9·4
...	58·613	+16·147	− 4	...	...
11-20					
11					
...	−58′·537	−13′·936	− 1	° ...	...
*	58·027	−11·201	1·25	46.3425	9·6
...	58·017	+40·719	− 5	...	...
*	57·811	+37·033	1·90	45.3456	9·4
...	57·695	−19·790	− 1	...	...
N* [	−57·599	+ 8·620	2·10	45.3455	9·3
*	57·483	−31·015	1·80	46.3426	9·2
...	57·359	−41·823	− 3	...	...
...	57·333	+44·798	1·00	45.3457	10·5
...	57·213	+ 8·825	− 5	...	...
21-30					
21					
...	−56′·853	−49′·746	1·00	46°.3428	10·2
...	56·839	−49·518	− 5	46.3427	10·6
...	56·694	+ 6·833	− 3	...	...
*	56·284	+ 1·824	1·05	45.3458	10·0
...	56·254	−43·341	− 2	...	...
...	−56·009	−32·578	− 5	...	...
...	55·776	+34·841	− 5	...	...
...	55·679	+ 6·718	− 2	...	...
...	55·647	+21·639	− 2	...	...
...	55·563	+44·835	− 2	...	...

L measured from 1, 119, 240, 351, 483, 600.
C ,, ,, 65, 175, 291, 415, 544, 675.

16. Mass; 45° 55, mass; 46° 55, two stars.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
31-90					
31	′	′		°	
...	−55·299	+49·574	− 5	...	...
...	55·193	−17·339	− 5	E	...
...	55·061	−19·573	1·00	46.3430	10·6
†	54·709	+49·604	− 4	45.3460	10·6
...	54·709	+37·169	− 2	45.3459	10·6
...	−54·685	−57·908	− 1	46.3429	10·4
...	54·591	+11·778	− 4	...	...
...	54·403	+30·699	− 5	...	...
...	54·292	−31·068	− 4	...	...
...	53·917	−42·187	− 4	...	...
41					
*	−53·861	−36·668	1·05	46.3431	10·0
...	53·740	− 9·001	0·95	46.3432	10·6
*	53·662	+ 8·635	2·50	45.3461	8·5
...	53·411	− 8·868	− 5	E	...
...	53·260	+50·026	− 5	...	...
...	−52·918	+ 0·440	− 4	...	...
...	52·863	−22·300	0·90	46.3433	10·6
...	52·845	−16·095	− 2	...	...
*	52·480	− 9·030	1·10	46.3434	10·0
*	52·477	+26·626	1·80	45.3462	9·6
51					
...	−52·023	− 3·425	1·00	45.3463	10·6
*	51·762	+36·392	1·50	45.3464	10·0
...	51·739	+38·687	− 5	...	...
...	51·688	+32·089	− 2	...	...
*	51·532	−33·359	1·20	46.3435	10·0
...	−51·531	−19·778	1·00	46.3436	10·5
...	51·229	+36·969	1·00	45.3465	10·4
...	51·033	+22·675	− 5	...	...
...	50·951	−14·045	− 1	...	...
...	50·927	+ 5·076	− 5	...	...
61				...	
...	−50·716	+18·012	− 5	...	...
*	50·572	−50·478	1·60	46.3437	9·6
*	50·541	+53·797	2·40	44.3457	9·4
...	49·977	−42·840	− 1	46.3438	10·6
‡	49·685	+ 9·802	1·00	45.3466	10·2
...	−49·629	−38·063	− 5	E	...
...	49·498	+35·485	1·00	45.3467	10·2
†	49·439	−25·124	− 4	E	...
...	49·303	+26·684	− 3	...	...
*	48·881	− 1·997	1·25	45.3468	10·0
71					
...	−48·773	+34·512	1·00	45.3469	10·6
*	48·586	−31·377	1·25	46.3439	10·0
...	48·356	+ 5·886	0·90	...	...
...	48·354	+12·958	− 1	...	...
...	47·943	+13·128	− 4	...	...
*	−47·719	+ 5·843	1·05	45.3470	10·0
...	47·710	−16·161	0·90	...	...
...	47·501	+ 7·056	0·95	45.3471	10·6
...	47·412	+58·448	− 5	...	...
*	47·330	−22·350	1·60	46.3440	9·4
81					
...	−47·002	−16·874	− 5	E	...
*	46·660	+53·479	1·30	45.3472	10·0
...	46·491	−13·797	1·00	46.3441	10·6
*	46·064	+58·866	1·30	44.3461	10·0
...	45·944	+58·218	− 5	...	...
...	−45·764	−42·409	− 4	...	...
...	45·736	+56·096	− 5	...	...
...	45·727	+ 0·558	− 2	...	...
...	45·505	+28·666	− 5	...	...
...	45·447	−42·615	− 4	...	...
91-150					
91	′	′		°	
...	−45·324	+ 5·582	− 2	...	...
...	45·278	−22·525	− 3	...	...
...	45·182	−20·872	− 5	M	...
‡	44·836	−49·082	1·10	46.3442	10·2
...	44·679	+ 8·574	0·65	...	...
...	−44·543	− 1·525	− 4	E	...
...	44·504	−11·250	− 5	M	...
...	44·306	+ 2·812	− 3	...	...
*	44·075	+56·362	1·90	44.3466	9·6
...	44·069	−45·658	− 5	M	...
101					
...	−44·009	+15·472	− 3	...	...
*	43·737	−24·991	1·40	46.3443	9·6
...	43·719	+43·466	0·80	45.3474	10·6
*	43·503	+21·955	1·10	45.3473	10·1
...	43·337	− 4·986	− 3	A	...
...	−43·273	+ 4·744	− 5	...	...
...	43·074	−40·687	− 5	M	...
...	42·969	−19·644	0·70	...	...
‡	42·927	−15·064	1·20	46.3444	9·8
*	42·822	+31·606	1·15	45.3475	10·2
111					
S*	−42·467	+52·581	3·00	45.3476	8·0
...	42·105	+ 3·378	− 3	...	...
...	41·548	+17·184	− 3	...	...
...	41·295	+29·165	− 5	...	...
...	41·266	− 4·818	0·90	45.3477	10·6
...	−40·781	−28·748	0·95	46.3445	10·5
...	40·495	−21·083	− 2	...	...
‡	39·859	+ 6·307	0·95	45.3478	10·5
†	39·808	+48·085	− 3	45.3479	10·6
†	39·769	−19·638	0·95	46.3446	10·6
121					
†	−39·764	− 6·736	0·90	46.3447	10·6
...	39·735	−23·912	− 4	...	...
...	39·624	+ 7·687	− 5	...	...
...	39·361	+ 3·893	− 4	...	...
...	39·037	−43·529	− 2	46.3448	10·6
*	−38·904	−49·210	1·00	46.3449	10·2
*	38·886	−23·830	1·00	46.3450	10·4
*	38·627	− 6·948	1·90	46.3453	9·0
...	38·610	−35·724	1·00	46.3451	10·4
...	38·368	−22·773	− 5	...	...
131					
*	−38·335	−40·377	1·35	46.3452	9·8
...	38·106	+39·419	0·90	45.3480	10·6
...	37·546	−30·240	− 4	M	...
*	37·468	−37·647	1·50	46.3455	9·4
...	37·371	+29·057	− 5	...	...
...	−37·295	+ 8·340	0·70	...	...
*	37·223	+26·842	1·00	45.3481	10·0
...	36·998	−26·585	− 5	M	...
...	36·705	+26·486	− 5	...	...
...	36·553	−14·669	− 3	...	...
141					
...	−36·512	+28·295	0·65	...	...
...	36·437	+32·743	− 3	...	...
...	36·342	+56·120	− 4	...	...
*	35·701	+ 1·065	3·00	45.3482	8·6
*	35·378	+11·257	1·00	45.3483	10·5
...	−35·179	+ 9·150	− 2	...	...
...	35·177	+21·354	0·70	...	...
*	35·153	+37·778	1·00	45.3484	10·2
...	34·621	+12·879	0·95	45.3485	10·6
...	34·591	−32·049	− 5	M	...
151-210					
151	′	′		°	
...	−34·506	+ 7·197	0·80	...	...
...	34·477	+22·663	− 4	...	...
...	34·255	+ 1·054	− 5	...	...
*	34·171	− 1·612	1·00	45.3486	10·2
S*	33·792	−43·626	2·75	46.3457	8·2
...	−33·629	+ 0·568	− 3	...	...
...	33·392	+13·969	− 2	...	...
*	33·327	+30·649	2·00	45.3487	9·1
...	33·220	−14·477	− 5	M	...
...	33·195	−51·319	− 5	M	...
161					
*	−33·033	+15·721	1·00	45.3488	10·5
*	32·224	−12·655	1·00	46.3458	10·4
...	32·041	−19·141	− 4	M	...
...	32·000	+ 5·180	− 4	...	...
*	31·343	−21·928	2·00	46.3459	9·1
‡	−30·782	+49·811	2·00	45.3491	8·9
*	30·759	+ 3·190	1·35	45.3489	9·6
...	30·757	+48·668	0·95	45.3490	10·5
...	30·717	−24·306	− 2	...	...
...	30·672	− 2·211	− 5	M	...
171					
...	−30·597	−29·969	0·85	...	...
*	30·219	−21·149	1·00	46.3460	10·5
...	30·112	−30·270	− 5	M	...
*	30·030	+32·614	1·00	45.3492	10·4
†	29·851	+46·159	− 4	...	...
*	−29·605	−42·772	1·45	46.3461	9·7
...	29·424	+ 2·077	− 4	...	...
...	29·220	− 7·575	− 5	M	...
...	29·219	− 7·788	0·70	...	...
...	29·155	+28·550	1·00	45.3493	10·4
181					
...	−28·882	−19·010	− 5	M	...
†	28·816	+ 4·865	0·80	45.3494	10·6
...	28·744	− 5·619	− 3	A	...
*	28·556	+20·283	1·20	45.3495	9·8
*	28·492	−18·546	1·20	46.3462	9·8
...	−28·104	+48·657	− 4	...	...
...	28·066	−54·034	0·75	...	...
...	27·718	+20·291	− 3	...	...
...	27·581	+25·683	− 4	...	...
*	27·483	−52·660	1·05	46.3463	10·2
191					
...	−27·442	+39·338	− 3	...	...
...	27·110	+22·237	− 4	...	...
...	27·096	+41·402	1·00	45.3496	10·5
...	26·867	+10·795	− 2	...	...
...	26·606	−47·264	− 4	M	...
*	−26·375	− 1·620	0·90	45.3497	10·6
...	26·375	−27·790	1·00	46.3464	10·6
†	26·179	−10·076	− 3	...	...
...	25·928	−12·672	1·00	46.3465	10·6
*	25·870	− 6·138	1·50	46.3466	9·6
201					
...	−25·675	−28·090	1·00	46.3467	10·5
†	24·929	−43·235	− 5	...	...
...	24·616	−38·988	0·95	46.3468	10·6
*	24·434	−33·713	1·05	46.3469	10·2
...	24·355	+19·577	− 3	...	...
...	−24·336	+50·963	− 3	...	...
...	24·326	−31·962	− 5	M	...
...	23·904	+51·603	0·65	...	...
...	23·898	+48·756	0·90	45.3499	10·6
*	23·860	+17·311	1·00	45.3498	10·4

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
211-270					
211					
*	−23·705	+42·588	1·10	45·3500	10·4
*	23·660	−46·769	1·60	46.3470	9·4
...	23·502	−12·566	− 2	...	...
*	23·495	+28·765	1·10	45.3501	10·2
...	23·453	−43·924	− 4	M	...
*	−23·381	−36·592	1·00	46.3471	10·2
†	23·355	− 0·110	− 2	α	...
...	23·334	+17·408	− 5	...	...
...	23·268	−33·738	0·70	...	...
‡	23·250	+24·670	2·40	45.3502	8·7
221					
...	−23·142	+ 6·860	0·75	...	...
...	23·095	−40·930	0·70	...	...
*	22·796	+54·790	1·00	44.3505	10·2
...	22·407	−12·804	− 3	B	...
...	22·004	−32·247	− 5	M	...
...	−21·854	+39·502	− 2	...	...
...	21·657	−34·582	0·70	...	...
...	21·588	+25·945	1·00	45.3503	10·6
...	21·412	+39·191	0·85	45.3506	10·6
*	21·385	+20·196	2·00	45.3504	9·2
231					
...	−21·382	+21·554	0·90	45.3505	10·6
...	21·323	−17·684	0·90	46.3472	10·6
...	21·186	−41·267	− 5	M	...
*	21·089	+57·318	1·40	44.3511	10·0
*	21·037	−20·642	1·00	46.3473	10·5
...	−20·831	−39·593	− 2	...	...
...	20·711	− 7·395	− 4	M	...
...	20·701	−37·250	− 5	...	...
S*	20·615	−10·487	6·00	46.3474	5·9
...	19·741	− 8·435	− 5	M	...
241					
S*	−19·566	+10·512	2·05	45.3507	8·9
...	19·522	+41·280	− 2	...	...
...	19·511	+21·174	− 5	A	...
...	19·504	−29·018	− 5	M	...
*	19·368	−53·356	1·00	46.3475	10·6
*	−19·137	+57·706	1·50	44.3516	10·0
...	19·019	− 9·917	− 2	...	...
*	18·965	+45·759	1·20	45.3508	10·0
...	18·929	−37·312	− 3	...	...
...	18·800	+22·724	0·90	45.3509	10·6
251					
*	−18·781	−28·613	3·00	46.3477	8·0
...	18·624	+ 5·149	− 5	...	...
*	18·611	−37·638	1·00	46.3478	10·1
...	18·072	+31·366	− 5	...	...
†	17·871	+44·707	0·85	45.3510	10·6
...	−17·629	− 1·845	− 5	M	...
*	17·107	−50·211	1·05	46.3479	10·2
...	17·021	−52·136	− 5	M	...
...	16·997	+46·070	1·00	45.3511	10·6
...	16·831	+21·152	− 5	...	...
261					
...	−16·830	−18·291	− 4	M	...
...	16·752	+47·902	− 3	...	...
...	16·676	+17·237	− 4	...	...
...	16·518	−22·169	− 4	M	...
...	16·284	+29·374	0·70	45.3512	10·6
...	−16·100	+45·150	0·90	...	...
...	15·284	−42·915	− 5	M	...
...	14·792	+26·123	− 5	...	...
*	14·639	+56·988	2·80	44.3525	8·9
*	14·392	+23·549	1·05	45.3513	10·2
271-330					
271					
...	−14·253	−36·436	0·90	46.3480	10·6
S*	14·189	+33·748	4·50	45.3514	7·6
...	13·775	+43·433	0·80	45.3515	10·6
...	13·555	−12·760	− 5	M	...
*	13·380	−21·415	1·80	46.3481	9·2
...	−13·291	+18·145	0·65	...	...
*	13·127	−29·928	1·30	46.3482	9·6
...	12·931	− 1·076	0·80	45.3516	10·6
...	12·831	+19·527	0·65	...	...
...	12·098	−26·952	− 5	M	...
281					
...	−12·044	+20·620	− 2	...	...
...	11·981	+27·277	0·90	45.3517	10·6
...	11·656	+14·031	0·95	45.3518	10·5
...	11·594	+ 1·956	− 3	...	...
...	11·588	+16·590	0·75	...	...
...	−11·432	+ 6·203	− 5	...	...
...	10·586	+10·859	0·85	...	...
...	10·135	+32·257	0·70	...	...
*	10·110	−31·948	1·20	46.3483	10·0
‡	9·964	+46·758	1·50	45.3519	9·4
291					
‡	− 9·859	+24·084	1·20	45.3520	9·6
...	9·522	+14·917	− 4	...	...
...	9·494	−36·084	1·00	46.3484	10·6
...	9·477	−41·465	− 2	...	...
...	9·276	− 3·181	− 2	B	...
...	− 9·265	+44·350	0·80	45.3522	10·6
...	9·250	+ 0·634	0·75	45.3521	10·6
...	9·219	+31·588	− 3	...	...
‡	8·727	−45·094	1·00	46.3485	10·4
*	8·487	+26·157	2·10	45.3524	9·2
301					
...	− 8·455	−27·010	− 1	...	...
...	8·443	+ 9·086	− 5	...	...
...	8·435	+10·329	0·85	45.3523	10·6
†	7·992	+54·747	− 1	44.3529	10·6
...	7·836	−33·341	− 3	M	...
...	− 7·307	+ 4·490	− 5	*m*	...
...	6·883	+ 9·316	− 3	...	...
...	6·394	−42·009	1·00	46.3486	10·6
...	6·376	−40·391	− 5	M	...
...	6·339	−57·622	− 4	...	...
311					
*	− 6·237	−34·901	1·00	46.3487	10·5
*	5·801	+ 5·789	1·20	45.3525	10·0
...	5·791	− 8·036	0·70	M	...
...	5·712	−11·175	0·80	46.3488	10·6
*	5·638	−59·509	1·05	46.3489	10·6
...	− 5·483	+ 0·239	− 5	α*m*	...
...	5·398	−22·732	− 2	M	...
...	5·394	+27·515	0·95	45.3526	10·5
...	4·749	−12·186	0·65	M	...
...	4·657	+43·747	− 3	...	...
321					
*	− 4·642	−23·721	1·50	46.3490	9·8
...	4·552	+11·220	0·70	...	...
...	4·450	+56·438	− 5	...	...
...	4·395	+20·252	− 5	*m*	...
*	4·167	−54·227	1·20	46.3492	10·0
*	− 4·138	−37·390	1·60	46.3491	9·3
...	4·041	−17·981	− 4	M	...
...	3·963	−45·391	− 4	M	...
...	3·854	−42·691	0·75	...	...
...	3·544	+ 3·352	− 2	...	...
331-390					
331					
*	− 3·494	−33·938	1·00	46.3493	10·2
...	3·011	+ 7·270	− 2	...	...
...	2·940	+23·953	− 5	*m*	...
...	2·491	+26·010	− 4	...	...
*	2·174	−54·504	1·05	46.3494	10·2
...	− 2·010	+51·339	1·00	45.3527	10·4
...	1·820	−26·484	− 3	M	...
...	1·622	+42·295	0·65	...	...
...	1·535	−22·611	− 2	M	...
...	1·254	−32·444	− 5	M	...
341					
...	− 0·922	+19·753	− 3	...	...
...	0·639	+ 1·557	− 2	*m*	...
...	0·636	+38·785	1·00	45.3528	10·4
*	0·620	+ 6·033	1·15	45.3529	9·8
*	0·511	+22·453	1·00	45.3530	10·2
*	− 0·324	+47·426	1·15	45.3531	10·0
*	0·213	+ 6·647	1·20	45.3532	9·7
...	0·132	−32·957	0·65	46.3496	10·6
...	0·118	+38·159	− 3	...	...
‡	− 0·061	+37·759	1·50	45.3533	9·8
351					
†	+ 0·068	+50·280	− 1	45.3534	10·6
...	0·228	−42·315	− 5	M	...
S*	0·628	−55·505	5·00	46.3497	6·6
...	0·783	+31·562	0·85	...	...
...	0·898	+36·741	0·80	45.3535	10·4
...	+ 1·040	−43·645	− 4	...	...
*	1·494	+43·711	1·15	45.3537	10·0
...	1·503	+53·169	− 1	45.3536	10·6
*	1·831	−17·256	1·70	46.3498	9·6
...	1·832	− 1·514	− 3	M *a*	...
361					
*	+ 1·871	+53·960	2·00	45.3538	9·3
*	1·929	+13·532	1·70	45.3539	9·2
...	2·016	+ 9·321	− 4	A *m*	...
*	2·096	−53·887	1·00	46.3499	10·6
*	2·403	−31·459	1·15	46.3500	9·8
...	+ 2·438	−46·979	− 3	...	...
...	2·447	−45·304	0·90	...	...
...	2·653	+28·356	0·75	...	...
...	2·810	+37·930	− 4	...	...
*	2·868	+54·820	1·20	44.3554	9·8
371					
...	+ 2·890	− 7·379	− 3	M	..
*	3·439	+31·459	1·00	45.3540	10 :
*	3·452	+34·167	1·00	45.3541	10·4
...	4·238	+46·290	− 5	...	...
*	4·524	−43·339	1·80	46.3501	9·2
...	+ 4·662	−27·968	0·70	M	...
...	4·918	−58·758	− 1	46.3503	10·6
†	5·105	−14·195	0·95	46.3502	10·6
...	5·127	+59·539	− 4	...	...
...	5·252	− 6·476	− 4	M	...
381					
...	+ 5·594	+13·608	0·85	45.3542	10·6
...	5·829	+35·999	− 3	...	...
...	5·975	+37·709	0·90	...	...
...	6·408	+40·386	0·70	...	...
...	6·589	+38·979	− 2	...	...
...	+ 6·606	−26·001	0·65	M	...
...	6·672	−21·475	0·70	...	...
...	6·790	−58·165	1·00	46.3504	10·5
...	6·947	+ 7·414	− 5	M	...
...	6·994	+55·001	− 3	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
391-450					
391				M	
...	+ 7·169	−47·966	− 4		...
...	7·247	+ 0·251	− 5	α *m*	...
...	7·363	+ 9·345	0·80	...	...
*	7·752	+56·098	1·10	44.3568	10·2
...	7·760	+31·051	− 5	...	...
...	+ 7·940	−14·888	0·70	...	...
*	8·048	+ 4·570	1·05	45.3544	10·1
*	8·083	−17·267	1·20	46.3505	10·0
*	8·126	+27·487	1·00	45.3543	10·0
*	8·274	−36·584	2·10	46.3506	8·6
401					
*	+ 8·517	+14·402	1·00	45.3545	10·1
*	8·606	+26·577	1·00	45.3546	10·1
*	9·092	+ 4·240	2·00	45.3547	9·0
...	9·193	+53·983	− 4	...	...
...	9·202	−29·025	− 2	...	...
...	+ 9·289	−39·467	0·80	46.3508	10·6
...	9·503	+ 2·059	− 3	...	...
*	9·545	−46·348	1·40	46.3509	9·8
*	9·559	+ 3·440	1·00	45.3549	10·0
*	9·560	+49·461	1·35	45.3548	9·6
411					
n	+ 9·620	+ 7·421	− 2	45.3550	10·4
...	9·685	+48·249	− 3	...	...
n	9·789	+ 7·367	0·85	45.3550	10·4
...	9·823	−33·666	− 5	...	...
...	10·110	+28·285	0·85	...	...
...	+10·112	− 9·978	− 1	46.3511	10·6
...	10·153	−10·422	− 5	...	...
*	10·163	+50·300	1·50	45.3551	9·6
...	10·195	−26·410	− 3	...	...
*	10·271	−37·901	1·80	46.3512	9·4
421					
*	+10·307	+58·553	1·00	44.3572	10·4
...	10·334	+29·948	− 4	...	...
...	10·451	+54·063	− 1	...	...
*	10·683	−51·642	1·40	46.3513	9·8
...	10·801	+25·384	− 2	...	...
*	+10·842	+50·334	2·40	45.3552	9·0
...	11·128	+43·609	1·00	...	...
...	11·317	+45·756	1·00	45.3553	10·6
*	11·411	−17·838	1·30	46.3514	10·0
...	11·584	−10·375	− 4	...	...
431					
...	+11·589	+16·643	0·75	...	...
*	11·703	+12·090	2·00	45.3554	9·2
*	11·863	−25·937	1·00	46.3515	10·4
...	11·949	+49·450	− 5	...	...
*	12·228	+ 2·356	1·30	45.3555	9·8
*	+12·569	+28·145	2·00	45.3556	9·0
...	12·618	+40·185	− 4	...	...
*	12·700	−21·980	1·15	46.3516	10·1
...	12·890	+25·669	− 5	...	...
...	12·983	−48·320	0·80	...	...
441					
*	+13·041	+48·690	1·10	45.3557	10·4
*n**	13·149	+35·636	1·10	45.3558	10·1
n	13·181	+35·540	0·75		
...	13·356	+48·846	1·00	45.3559	10·5
...	13·407	− 6·084	− 5	*m*	...
...	+13·480	−58·132	− 2	...	...
...	13·530	+32·904	0·80	...	...
...	13·747	+27·824	− 4	...	...
*	13·800	+39·083	1·00	45.3560	10·5
...	13·983	+15·129	0·80	45.3561	10·6
451-510					
451					
...	+14·025	+36·489	− 5	...	...
...	14·520	+35·561	0·65	...	...
...	14·561	−24·888	0·75	46.3518	10·6
*	14·680	+23·136	1·00	45.3562	10·4
...	15·386	−58·855	− 4	...	...
*	+15·479	−23·398	1·60	46.3519	9·6
*	15·736	+ 2·807	2·20	45.3563	8·8
...	15·794	+ 1·836	− 5	*a*	...
*	16·275	+17·694	1·10	45.3564	10·1
*	16·563	+ 4·350	1·20	45.3565	10·0
461					
...	+16·880	+ 6·485	− 5	...	...
...	16·917	+46·759	− 5	...	...
*	17·134	+31·708	1·20	45.3567	9·8
S*	17·142	+51·597	5·05	45.3566	7·1
...	17·196	+55·732	− 1	...	...
...	+17·277	−32·953	− 4	...	...
...	17·510	+ 1·062	0·70	45.3568	10·6
...	17·625	−17·362	1·00	46.3520	10·5
...	17·658	−18·425	0·90	46.3521	10·6
*	17·776	−42·385	1·35	46.3522	9·8
471					
...	+17·996	−22·591	− 4	...	...
...	18·255	−52·587	0·75	46.3523	10·6
*	18·361	+ 6·956	1·50	45.3569	9·4
...	18·442	+ 5·883	− 4	...	...
...	18·445	−57·864	− 4	...	...
†	+18·525	+54·634	− 4	...	...
...	18·731	+44·302	0·80	...	...
‡	19·001	+29·834	1·10	45.3570	10·0
...	19·461	+57·909	− 2	...	...
...	19·469	+25·540	0·65	...	...
481					
...	+19·598	−51·906	− 4	...	...
†	19·935	+37·735	− 4	...	...
*	20·116	+50·572	1·35	45.3571	9·8
*	20·205	+35·097	1·50	45.3572	9·6
...	20·480	+17·819	0·85	45.3573	10·6
...	+20·543	−56·338	− 5	...	...
n	20·617	−26·441	0·90	46.3524	9·1
...	20·658	+57·332	0·75	44.3598	10·6
...	20·666	−56·850	− 3	...	...
S*n*	20·732	−26·608	2·00	46.3524	9·1
491					
*	+20·958	−39·361	1·00	46.3525	10·1
n	21·049	+53·022	− 4	45.3574	10·6
...	21·121	−44·800	− 2	...	...
*	21·125	−55·274	1·15	46.3526	9·8
n	21·138	+52·911	− 1	45.3574	10·6
...	+21·374	+47·592	− 5	...	...
...	21·488	+ 7·946	1·00	45.3575	10·6
...	21·704	+45·959	− 5	...	...
...	21·973	−17·015	− 5	*m*	...
*	22·005	+24·012	2·20	45.3577	9·0
501					
...	+22·013	+29·999	0·90	45.3576	10·6
*	22·335	−48·468	1·10	46.3528	10·0
...	22·369	+42·237	− 3	...	...
*	22·370	+57·752	1·30	44.3600	9·7
...	22·412	+40·759	− 5	...	...
...	+22·730	+33·736	0·80	45.3579	10·6
...	22·931	+50·571	− 1	45.3578	10·6
...	23·190	+ 1·484	− 2	...	...
...	23·393	+ 5·506	0·85	...	...
*	23·506	−28·451	1·15	46.3529	9·6
511-570					
511					
...	+23·651	− 1·809	0·90	45.3581	10·6
*	23·667	−28·079	1·05	46.3530	9·8
...	23·669	+37·470	0·90	45.3580	10·6
...	23·825	−32·421	0·90	46.3531	10·6
...	23·991	−11·940	− 5	...	...
*	+24·344	+58·361	1·05	44.3604	10·4
†	25·010	−23·496	− 5	...	...
*	25·228	+34·064	1·15	45.3582	10·0
*	25·670	−25·319	1·50	46.3533	9·4
...	25·711	−20·639	− 5	...	...
521					
...	+26·101	+53·123	− 3	...	...
...	26·262	−12·726	− 5	*m*	...
...	26·470	−24·696	− 4	...	...
*	26·474	−58·844	1·00	46.3534	10·1
*	26·492	+30·102	1·00	45.3583	10·5
*	+26·723	−56·111	1·20	46.3535	10·0
*	26·920	−51·613	1·40	46.3536	9·6
...	27·042	− 3·615	0·95	45.3585	10·5
...	27·210	+14·978	− 4	...	...
*	27·345	+ 5·390	1·00	45.3586	10·1
531					
*	+27·409	+51·203	1·00	45.3584	10·1
...	27·523	+15·402	− 3	...	...
...	27·678	+36·456	− 3	...	...
...	27·863	−49·700	0·95	46.3537	10·6
...	28·077	+ 9·931	− 3	...	...
...	+28·299	+ 4·927	0·95	45.3588	10·4
*	28·440	+43·068	1·00	45.3587	10·1
...	29·198	+51·581	− 1	45.3589	10·6
...	29·250	+ 6·927	− 4	...	...
...	29·396	+16·648	− 5	*a*	...
541					
...	+29·462	−24·818	− 5	...	...
...	29·625	−27·810	− 5	...	...
...	29·705	+51·182	− 4	...	...
‡	29·978	−44·445	1·35	46.3539	10·0
...	30·055	+57·732	− 1	44.3615	10·6
...	+30·344	−18·507	1·00	46.3540	10·4
...	30·565	−29·449	− 5	...	...
...	30·650	−49·714	− 5	...	...
...	30·776	+ 0·716	0·70	...	...
...	30·876	+33·117	− 4	...	...
551					
*	+31·163	−46·408	1·00	46.3541	10·5
*	31·823	−25·192	1·20	46.3542	10·0
...	31·992	−50·169	− 5	...	...
...	32·135	−16·514	0·75	...	...
...	32·200	−46·468	− 2	46.3543	10·6
...	+32·409	+29·125	0·75	...	...
...	32·542	+56·685	− 4	...	...
...	32·564	+53·130	0·95	45.3590	10·4
*	32·855	−40·912	1·00	46.3544	10·2
...	32·959	+58·719	1·00	44.3618	10·4
561					
...	+33·136	−19·220	− 4	...	...
...	33·276	−27·344	− 4	...	...
*	33·849	+16·595	1·05	45.3592	10·4
*	33·890	−47·446	2·20	46.3546	8·9
*	33·914	+42·624	1·25	45.3591	10·1
*	+34·199	−46·184	1·20	46.3547	10·0
...	34·272	−16·234	− 4	...	...
...	34·420	+40·222	− 5	...	...
...	34·600	+ 2·420	0·70	...	...
...	34·787	+48·130	− 5	...	...

411, 413. C.P.D., probably mass.
442, 443. C.P.D., possibly mass.
487, 490. C.P.D., mass.
492, 495. C.P.D., mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
571-630					
571					
‡	+34·865	−19·510	1·40	46.3548	9·8
...	35·041	+39·203	− 2	...	...
...	35·145	+39·852	− 5	...	...
...	35·327	+47·995	− 4	...	...
*	35·542	+50·702	1·50	45.3593	9·6
...	+35·622	−10·929	− 4	...	...
...	35·970	−12·043	− 5	...	...
*	36·051	+40·765	1·20	45.3594	10·0
...	36·316	−12·392	− 3	...	...
...	36·557	−43·633	− 5	*m*	...
581					
...	+36·859	+38·077	0·95	45.3595	10·5
...	37·218	−33·834	1·00	46.3549	10·6
...	37·324	−52·734	− 1	...	...
*	37·511	+ 1·115	1·10	45.3597	10·0
*	37·553	−45·552	1·00	46.3550	10·5
...	+37·592	+54·575	0·95	44.3625	10·5
...	37·597	+14·133	0·80	...	...
...	37·661	+15·992	0·80	45.3596	10·6
...	37·672	−34·566	− 3	...	...
...	37·756	+56·068	− 1	44.3626	10·6
591					
...	+37·910	−51·734	− 3	...	...
S*	38·120	+ 8·431	2·00	45.3599	9·2
†	38·151	−40·105	− 3	...	...
...	38·159	+41·943	1·00	45.3598	10·5
...	38·613	+48·897	− 5	...	...
...	+38·852	− 1·397	− 5	*m*	...
...	39·157	+31·864	0·95	45.3600	10·6
...	39·247	−52·467	1·00	46.3552	10·5
...	39·811	−55·481	0·95	46.3553	10·5
‡	40·000	−54·911	1·05	46.3554	10·1
601					
...	+40·144	+40·576	− 5	...	...
*	40·231	+39·442	1·50	45.3601	9·7
...	40·316	+32·771	0·65	...	...
*	40·508	− 1·401	1·05	45.3603	10·4
*	40·683	+ 4·170	1·30	45.3604	9·8
...	+40·742	+ 6·748	− 5	*a*	...
†	40·975	+29·725	0·95	45.3602	10·2
...	41·223	−46·936	− 3	...	...
...	41·486	+15·518	1·00	45.3605	10·6
*	41·489	−50·178	1·50	46.3556	9·6
611					
...	+41·844	+43·941	− 5	...	...
*	42·084	+42·562	1·20	45.3606	10·0
...	42·146	−32·214	− 3	...	...
*	42·184	+40·275	1·00	45.3607	10·4
†	42·202	+24·737	− 2	...	...
...	+42·205	−42·261	− 1	46.3557	10·6
...	42·350	+35·729	− 3	...	...
...	42·425	−11·623	− 3	...	...
...	42·514	+15·974	− 3	...	...
...	42·590	+15·361	− 3	...	...
621					
...	+42·629	+24·878	0·75	...	...
...	42·716	−17·536	− 3	...	...
...	42·726	+58·031	− 2	44.3635	10·6
...	42·739	+39·150	− 1	45.3608	10·6
...	42·812	+54·889	− 1	44.3636	10·5
*	+42·884	+37·265	2·00	45.3610	9·4
*	42·981	+48·983	1·60	45.3609	10·0
...	43·447	−38·985	− 5	...	...
...	43·594	+27·534	0·95	45.3612	10·6
...	43·630	+53·239	1·00	45.3611	10·1
631-690					
631					
...	+43·661	+ 1·736	0·80	...	...
*	43·777	−10·503	1·00	46.3558	10·2
...	43·873	+55·815	− 5	...	...
*	43·968	+55·624	2·80	44.3640	8·9
...	44·002	+18·472	0·95	45.3613	10·6
...	+44·101	+46·016	− 5	...	...
*	44·106	+18·937	1·80	45.3614	9·4
...	44·642	−21·353	− 5	...	...
†	44·851	+14·928	0·95	45.3617	10·6
†	44·880	+ 5·944	0·70	45.3618	10·6
641					
†	+44·929	+48·236	− 1	45.3615	10·5
*	45·129	+47·400	3·00	45.3616	8·8
...	45·176	−19·453	− 5	...	...
...	45·429	+ 4·444	0·75	...	...
...	45·774	−13·581	− 3	...	...
...	+45·985	+20·975	− 2	...	...
*	46·037	+46·737	4·80	45.3619	7·6
...	46·165	+54·133	− 5	...	...
...	46·526	+59·241	− 1	44.3645	10·5
...	46·540	+17·825	− 2	...	...
651					
...	+46·953	+20·386	0·95	45.3621	10·5
...	47·009	+57·858	− 4	...	...
*	47·276	+50·110	1·15	45.3620	10·1
...	47·279	+41·083	− 5	...	...
...	47·296	−32·126	− 4	...	...
...	+47·317	+12·041	1·00	45.3622	10·6
...	47·353	+25·169	− 5	*e*	...
...	47·703	+29·206	− 2	...	...
...	47·817	+13·516	1·00	45.3623	10·6
...	47·966	− 5·593	− 5	...	...
661					
*	+48·016	+ 1·818	1·20	45.3624	9·8
...	48·375	+34·303	− 3	...	...
...	48·605	+32·879	− 2	...	...
*	48·779	+23·500	1·25	45.3625	9·8
...	48·779	− 3·703	0·70	...	...
...	+48·883	+ 5·159	− 2	...	...
...	48·979	+30·053	− 5	...	...
...	49·186	+30·509	− 3	...	...
*	49·206	−46·000	2·10	46.3560	8·8
...	49·244	+32·340	− 4	...	...
671					
...	+49·460	+56·303	− 2	...	...
...	49·580	+51·711	− 5	...	...
S*	49·620	+34·235	2·90	45.3626	8·5
†	49·894	−43·914	1·00	46.3561	10·1
...	49·992	−17·464	− 4	...	...
*	+50·441	+51·615	1·10	45.3627	10·0
...	50·563	−10·336	− 5	*e*	...
*	50·766	+27·942	2·10	45.3628	8·9
...	51·112	+13·155	− 5	...	...
*	51·218	+49·708	1·20	45.3629	10·1
681					
...	+51·315	+47·970	1·00	45.3630	10·4
...	51·319	− 3·478	− 5	...	...
...	51·354	+48·693	− 5	...	...
*	51·382	+52·556	1·00	45.3631	10·1
*	51·482	+13·882	1·20	45.3633	10·0
...	+51·715	+40·405	− 3	...	...
...	51·836	+37·769	1·00	45.3634	10·5
*	51·968	+52·783	1·80	45.3632	9·4
*	52·163	+16·417	1·80	45.3635	9·4
*	52·243	−26·981	1·05	46.3562	10·2
691-723					
691					
...	+52·841	+57·333	1·20	44.3662	10·0
...	52·862	+49·270	− 5	...	...
...	53·099	−44·552	− 4	...	...
...	53·225	−29·177	1·00	46.3563	10·5
...	53·478	+57·350	1·00	44.3663	10·2
S*	+53·606	−47·416	3·90	46.3565	7·6
...	53·676	−34·486	1·00	46.3564	10·5
...	54·531	+48·009	0·65	45.3636	10·6
...	54·705	−57·776	0·90	46.3566	10·6
...	54·764	+ 5·540	− 3	...	...
701					
*	+54·765	+27·044	1·20	45.3637	10·0
...	55·696	+16·630	− 3	...	...
...	55·966	−37·651	− 4	...	...
*	56·073	−17·620	1·00	46.3567	10·4
...	56·075	+42·260	− 2	...	...
*	+56·602	+ 8·859	1·35	45.3638	10·0
...	56·610	+28·564	− 4	...	...
...	56·809	−45·185	− 4	...	...
...	56·921	+19·641	− 1	...	...
S*	57·468	−13·612	2·90	46.3568	8·6
711					
*	+57·490	+46·541	1·00	45.3639	10·4
...	57·879	+39·870	1·00	45.3640	10·4
*	57·880	+29·446	1·15	45.3641	10·1
...	58·431	−18·972	− 1	...	...
...	58·488	+35·398	− 3	...	...
...	+58·567	−37·139	− 4	...	...
*	58·774	+ 0·639	1·40	45.3643	9·7
...	59·081	−55·336	− 3	...	...
*	59·296	+45·006	1·35	45.3642	10·0
...	59·387	−48·907	− 5	...	...
721					
...	+59·510	−16·621	0·70	...	...
...	59·748	− 6·488	− 2	...	...
‡	59·864	+13·059	1·05	45.3644	10·1

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
1–60					
1	′	′		°	
†	−59·853	+14·707	− 1	45.3617	10·6
*	59·651	+46·527	4·00	45.3619	7·6
...	59·578	+59·051	− 4	44.3645	10·5
...	59·533	+ 5·715	1·00	45.3618	10·6
...	59·054	+57·665	− 5	...	...
...	−58·930	+ 4·238	0·80	...	...
...	58·909	−21·574	− 5	...	...
...	58·893	+20·774	− 5	...	...
†	58·513	+49·942	− 1	45.3620	10·1
...	58·438	−19·660	− 5	...	...
11					
...	−58·249	+17·645	− 4	...	...
...	58·225	+40·909	− 5	...	...
...	58·022	−13·770	− 5	...	...
...	57·920	+20·220	1·00	45.3621	10·5
†	57·658	+25·014	− 5	E	...
...	−57·436	+29·061	− 3	...	...
...	57·287	+11·888	1·00	45.3622	10·6
...	56·938	+34·179	− 4	...	...
...	56·840	+13·376	1·00	45.3623	10·6
...	56·657	+32·757	− 4	...	...
21					
...	−56·543	+56·198	− 4	...	...
*	56·275	+ 1·695	1·30	45.3624	9·8
...	56·273	+51·614	− 5	...	...
...	56·197	+29·951	− 5	...	...
*	56·187	+23·385	1·60	45.3625	9·8
...	−56·082	− 5·716	− 4	...	...
...	55·998	+32·240	− 5	...	...
...	55·989	+30·396	− 5	...	...
...	55·922	−32·259	− 5	...	...
S *	55·681	+34·144	2·80	45.3626	8·5
31					
†	−55·511	+ 5·067	− 2	...	...
...	55·410	+51·528	− 1	45.3627	10·0
...	55·329	− 3·808	− 3	...	...
*	54·582	+49·653	1·20	45.3629	10·1
...	54·495	+52·503	1·05	45.3631	10·1
*	−54·418	+47·918	1·05	45.3630	10·4
...	54·402	+48·636	− 5	...	...
*	54·331	+27·894	2·00	45.3628	8·9
...	53·925	+52·744	1·60	45.3632	9·4
...	53·816	+24·087	− 5	...	...
41					
...	−53·780	+40·376	− 3	...	...
...	53·686	−17·520	− 3	...	...
*	53·572	−46·064	2·40	46.3560	8·8
...	53·568	+37·739	0·90	45.3634	10·5
...	53·533	+13·121	− 4	...	...
...	−53·326	−10·377	− 4	E	...
...	53·186	+57·323	1·30	44.3662	10·0
*	53·180	+13·857	1·20	45.3633	10·0
*	52·944	−43·942	1·30	46.3561	10·1
...	52·921	+49·271	− 4	...	...
51					
...	−52·792	− 3·485	− 4	...	...
*	52·563	+16·417	1·40	45.3635	9·4
...	52·546	+57·363	1·00	44.3663	10·2
...	52·190	− 1·552	− 5	M	...
...	51·354	+31·741	− 5	...	...
...	−51·202	+48·064	0·85	45.3636	10·6
*	51·141	−26·945	1·20	46.3562	10·2
*	50·311	+27·112	1·30	45.3637	10·0
...	50·085	−29·121	1·00	46.3563	10·5
...	49·736	−44·488	− 5	...	...
61–120					
61	′	′		°	
...	−49·650	+ 5·632	− 3	...	...
...	49·497	+42·371	− 4	...	...
...	49·483	−34·412	1·00	46.3564	10·5
S *	49·128	−47·344	4·00	46.3565	7·6
...	49·062	+16·732	− 3	...	...
...	−48·536	+28·700	− 2	...	...
*	48·210	+46·678	1·15	45.3639	10·4
...	47·930	+19·786	0·75	...	...
*	47·907	+ 9·001	1·15	45.3638	10·0
...	47·720	−57·670	− 3	46.3566	10·6
71					
†	−47·620	+40·034	1·00	45.3640	10·4
*	47·598	−17·476	1·10	46.3567	10·4
*	47·283	+29·613	1·10	45.3641	10·1
...	47·087	−37·490	− 4	...	...
...	46·855	+35·587	− 2	...	...
*	−46·347	+45·206	1·40	45.3642	10·0
S *	46·316	−13·443	2·50	46.3568	8·6
...	45·998	−45·002	− 4	...	...
...	45·561	+58·518	− 4	...	...
*	45·482	+ 0·860	1·30	45.3643	9·7
81					
...	−45·462	−46·223	− 5	...	...
...	45·206	−18·753	0·70	...	...
...	45·165	−16·744	− 5	M	...
*	44·789	+13·302	1·10	45.3644	10·1
...	44·740	+57·058	− 3	...	...
...	−44·577	+46·081	− 1	...	...
...	44·506	−36·904	− 4	...	...
...	44·318	−20·359	− 4	M	...
...	44·286	− 6·231	− 1	...	...
...	44·277	+ 2·536	1·00	45.3645	10·6
91					
...	−44·213	− 2·095	− 4	M	...
...	44·207	−16·360	0·75	...	...
...	43·538	− 2·955	− 4	M	...
...	43·423	−55·068	− 3	...	...
...	43·332	− 0·459	0·80	45.3646	10·6
...	−43·321	−48·645	− 5	...	...
...	42·955	−22·098	− 5	M	...
*	42·840	+49·476	1·15	45.3648	10·2
*	42·818	− 3·724	1·20	45.3647	9·8
...	42·744	−41·647	− 5	M	...
101					
...	−42·583	−24·263	− 5	M	...
...	42·517	−48·236	0·70	46.3569	10·6
*	42·474	+44·328	1·90	45.3649	9·3
...	42·426	−47·665	− 5	...	...
...	42·419	+38·381	− 1	...	...
...	−42·327	+12·527	− 5	M	...
...	42·275	+ 4·026	− 5	M	...
...	42·217	+ 1·908	− 4	M	...
...	42·194	+57·020	− 5	...	...
*	42·120	−36·564	1·40	46.3570	9·8
111					
...	−41·887	−49·909	− 4	...	...
...	41·831	+49·135	− 5	...	...
...	41·819	+20·739	− 4	...	...
*	41·464	+38·049	2·00	45.3650	9·2
...	41·370	−13·962	1·00	46.3572	10·6
...	−41·362	−50·828	0·75	46.3571	10·6
*	40·734	+16·626	1·50	45.3651	9·4
*	40·524	+18·621	1·40	45.3652	9·7
*	40·154	−47·682	1·30	46.3573	10·1
‡	39·969	− 1·282	1·35	45.3653	10·0
121–180					
121	′	′		°	
...	−39·864	+45·172	− 5	...	...
...	39·734	+39·617	− 4	...	...
...	39·723	− 3·260	− 4	...	...
...	39·178	−35·229	− 4	...	...
...	38·936	− 2·213	− 2	...	...
...	−38·854	+31·103	− 3	...	...
*	38·793	−18·973	2·00	46.3574	9·2
...	38·786	+16·141	− 2	...	...
...	38·760	−14·382	0·90	46.3575	10·6
...	38·709	+45·823	− 3	...	...
131					
...	−38·662	+14·927	− 4	M	...
...	38·610	+24·837	0·70	...	...
...	38·273	+33·908	− 3	...	...
...	38·252	+20·462	− 2	...	...
...	37·754	− 1·064	0·75	...	...
...	−37·321	+58·183	− 5	...	...
...	37·260	− 4·716	0·90	45.3654	10·6
*	36·958	+53·335	1·60	45.3655	10·0
*	36·927	−32·937	1·05	46.3576	10·0
*	36·822	−31·813	4·00	46.3577	7·6
141					
*	−36·757	−20·931	1·80	46.3578	9·3
...	36·599	−49·574	− 3	...	...
...	36·479	+35·477	− 4	M	...
...	36·267	− 8·378	− 5	M	...
...	36·047	−28·454	− 5	...	...
...	−35·993	+48·529	− 5	...	...
‡	35·928	+ 5·141	1·10	45.3656	10·0
...	35·867	+49·868	− 5	...	...
...	35·632	−25·516	1·00	46.3579	10·6
...	35·536	+ 9·973	− 5	M	...
151					
...	−35·451	−40·304	− 5	M	...
‡	35·360	+ 5·077	1·80	45.3657	9·2
†	34·917	+15·896	− 1	...	...
...	34·825	− 7·997	− 5	M	...
...	34·732	+19·226	0·80	...	...
...	−34·715	+13·405	0·90	45.3658	10·6
*	34·470	−34·462	1·40	46.3580	9·4
...	34·377	−43·150	− 5	...	...
*	34·283	+10·835	1·20	45.3659	10·1
...	34·259	+51·997	− 2	...	...
161					
...	−34·252	+ 3·245	− 5	M	...
†	34·241	+59·974	− 3	...	...
...	34·106	−21·071	1·00	46.3581	10·6
...	34·063	+55·629	0·70	44.3692	10·6
...	33·988	+34·331	− 4	...	...
...	−33·601	+33·125	0·70	...	...
...	33·598	−57·791	− 5	...	...
*	33·529	−44·018	1·35	46.3582	10·0
α *	33·381	− 0·093	1·20	45.3660	10·2
...	33·369	−20·560	− 5	M	...
171					
*	−33·301	+ 6·658	1·15	45.3661	10·2
...	33·289	−52·671	− 1	...	...
*	33·189	+12·972	1·15	45.3662	10·2
...	33·121	+48·403	− 3	...	...
*	33·111	+47·903	1·40	45.3664	9·8
*	−33·030	+46·986	1·30	45.3665	10·1
*	33·022	+25·271	1·10	45.3663	10·1
...	32·755	+41·677	− 3	...	...
‡	32·734	+49·976	2·00	45.3666	8·9
...	32·519	+28·294	− 4	...	...

Images elongated in direction of x co-ordinate. Réseau faint.
L measured from 1, 60, 121, 198, 289, 354, 431, 480, 546, 615, 676, 730.
C ,, ,, 34, 84, 153, 239, 320, 396, 461, 512, 576, 646, 702, 755.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
181-240					
181					
...	−32·502	−14·288	− 3	M	...
*	32·417	+37·397	1·25	45.3667	10·1
...	32·353	−30·154	− 5	M	...
*	31·860	−33·817	1·60	46.3583	9·6
*	31·797	+26·318	1·35	45.3668	10·0
*	−31·795	+40·864	1·10	45.3669	10·2
...	31·730	−47·268	− 3	...	...
*	31·531	+27·276	1.20	45.3670	10·0
...	31·481	−58·963	− 4	...	...
*	31·387	−48·247	1·40	46.3584	9·8
191					
...	−31·293	+50·587	− 1	...	...
...	31·276	− 0.607	− 4	M	...
...	31·254	− 2·921	− 4	M	...
...	30·880	+30·852	− 5	...	...
...	30·800	+56·222	− 3	...	...
...	−30·572	+15·795	− 2	M	...
...	30·041	−31·693	− 4	...	...
...	29·409	−40·977	− 5	...	...
...	29·372	+31·096	0·70	...	...
...	29·069	+46·857	0·80	...	...
201					
*	−28·950	+38·013	1·10	45.3671	10·2
*	28·856	+54·715	1·90	44.3701	9·4
...	28·804	−21·102	0·95	...	...
...	28·666	+56·205	− 5	...	...
...	28·499	+37·485	− 5	...	...
...	−28·251	− 5·016	− 5	M	...
...	28·066	+18·623	0·90	...	...
*	27·766	+16·918	1·60	45.3672	9·6
...	27·614	−20·261	0·80	...	...
...	27·548	+15·026	− 4	M	...
211					
...	−27·394	+23·977	0·80	...	...
†	27·314	−59·624	− 4	...	...
*	27·269	+25·188	2·00	45.3673	9·0
...	27·167	− 9·999	− 5	M	...
*	27·162	−49·888	1·60	46.3585	9·2
*	−27·155	−41·072	1·00	46.3586	10·5
*	27·140	+51·107	1·40	45.3674	9·6
...	26·753	+41·240	− 4	...	...
*	26·748	+23·011	1·00	45.3676	10·4
...	26·742	− 0·972	0·85	45.3675	10·6
221					
...	−26·512	+32·483	− 5	...	...
...	26·411	−48·045	− 4	...	...
...	26·401	− 4·357	− 5	M	...
n *	26·328	+24·924	2·50	45.3677	8·2
...	26·276	+41·868	− 3	...	...
...	−26·269	+27·247	− 4	...	...
n	26·197	+24·670	1·00	45.3677	8·2
...	26·193	−23·191	− 4	...	...
*	26·149	−43·455	1·15	46.3587	10·2
...	26·089	+11·588	0·90	...	...
231					
...	−25·784	−53·379	− 5	...	...
...	25·781	+17·207	− 5	...	...
...	25·768	+34·908	− 5	...	...
...	25·664	+38·225	− 3	...	...
...	25·592	−28·785	1·00	46.3588	10·6
...	−25·518	+20·769	− 5	...	...
...	25·436	+ 0·268	− 1	...	...
...	25·160	+29·665	− 3	...	...
*	24·811	+16·275	1·20	45.3678	10·0
...	24·722	− 1·765	− 4	M	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
241-300					
241					
...	−24·334	−33·468	− 5	M	...
*	24·268	−45·324	1·30	46.3589	10·1
...	24·241	− 6·081	− 3	M	...
†	23·954	+35·010	− 3	...	...
...	23·927	+34·236	0·85	45.3679	10·6
*	−23·762	+ 4·715	1·30	45·3680	10·0
...	23·666	+39·917	− 3	...	...
...	23·639	+45·643	− 3	...	...
...	23·639	−38·387	− 4	M	...
*	23·637	+ 4·470	1·30	45.3681	10·0
251					
...	−23·549	+49·342	− 5	...	...
*	23·398	+57·080	1·60	44.3713	9·2
...	23·389	+11·663	− 5	M	...
...	23·214	+40·750	0·85	45.3682	10·6
...	23·107	− 8·236	− 3	...	...
*	−22·951	−13·396	1·60	46·3590	9·4
...	22·862	+36·785	− 5	...	...
...	22·817	+44·635	− 5	...	...
...	22·782	+35·272	− 4	...	...
...	22·775	−51·413	− 1	...	...
261					
...	−22·468	+10·838	− 1	...	...
...	22·465	+14·526	− 5	M	...
...	22·446	+18·269	− 2	...	...
*	22·443	−52·713	1·80	46.3591	9·2
...	22·403	−39·024	− 3	M	...
...	−22·391	+44·589	− 3	...	...
...	22·074	+40·259	− 3	...	...
*	21·932	−20·428	1·60	46.3592	9·2
*	21·588	−47·138	2·20	46.3593	8·8
...	21·557	+39·493	− 4	...	...
271					
...	−21·493	−33·310	− 4	...	...
*	21·479	+ 1·814	1·20	45.3683	10·2
...	21·468	−13·863	− 5	M	...
...	21·365	+ 9·334	0·95	45.3684	10·6
...	21·335	+11·563	− 4	M	...
*	−21·253	+27·167	1·20	45.3685	10.0
*	20·993	+33·316	2·00	45.3686	9·1
...	20·869	+31·749	1·00	45.3688	10·6
...	20·836	+ 5·039	1·00	45.3687	10·5
...	20·802	+39·047	− 2	...	...
281					
...	−20·692	+ 3·708	0·70	...	...
...	20·483	−44·113	− 3	...	...
...	20·390	+ 3·233	− 4	M	...
...	20·382	+17·373	− 4	...	...
...	20·259	−29·832	− 3	...	...
...	−20·182	−54·331	− 4	...	...
...	20·177	−37·541	− 2	...	...
†	20·079	+55·289	− 1	44.3720	10·6
†	19·949	−36·093	− 5	...	...
*	19·754	−12·099	1·20	46.3595	10·0
291					
...	−19·563	−18·942	− 2	...	...
...	19·471	+27·688	0·70	...	...
S *	19·398	−53·695	3·30	46.3596	7·8
*	19·381	+ 7·445	1·30	45.3689	10·0
...	19·126	+20·369	0·90	45.3690	10·6
...	−19·036	+21·739	− 5	M	...
...	18·966	− 7·893	0·90	...	...
...	18·897	−40·377	− 5	M	...
...	18·752	−19.119	0·95	46.3597	10·6
...	18·626	+27·584	− 2	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
301-360					
301					
*	−18·206	−46·710	1·20	46.3598	10·1
*	18·073	+41·512	1·20	45.3691	9·8
...	17·976	−14·877	− 5	M	...
*	17·801	+48·126	1·20	45.3692	10·0
...	17·480	+31·522	− 3	...	...
S *	−16·951	+47·002	2·00	45.3693	9·2
...	16·877	+25·845	− 4	...	...
*	16·548	−19·994	2·90	46.3599	8·2
...	16·301	+ 9·529	− 2	...	...
...	16·153	−17·767	0·90	46.3602	10·6
311					
*	−16·108	−26·031	1.50	46.3600	9·4
*	16·079	−15·718	1·50	46.3601	9·4
...	16·073	+50·305	− 1	...	...
...	16·061	−33·574	− 4	M	...
...	15·672	+48·203	− 5	...	...
...	−15·512	−50·856	− 1	46.3603	10·6
...	15·411	+ 4·683	− 5	M	10·6
...	15·398	−58·144	− 3	...	...
...	15·134	− 7·034	− 2	...	...
...	14·915	−40·881	− 1	...	...
321					
*	−14·567	+18·805	2·00	45.3694	9·1
...	14·510	− 5·733	− 4	M	...
...	14·448	+23·571	− 1	...	...
*	14·414	−42·164	1·60	46.3604	9·1
...	14·397	+20·505	− 5	...	...
...	−14·327	−30·562	− 3	...	...
...	14·134	+43·301	− 5	...	...
*	13·948	+ 5·046	1·10	45.3695	10·0
...	13·940	− 1·016	0·70	...	...
...	13·876	+16·556	0·95	45.3696	10·4
331					
*	−13·569	+28·936	1·40	45.3697	9·6
*	13·517	−55·983	1·40	46·3605	10·1
‡	13·328	−19·798	1·10	46.3606	10·0
...	13·146	+29·236	0·75	...	...
S *	13·145	+22·732	4·60	45.3698	7·7
...	−13·128	+50·200	− 5	...	...
...	12·753	−57·297	− 1	...	...
*	12·337	−25·599	2·00	46.3608	8·6
...	12·028	+41·680	− 4	...	...
...	12·018	− 3.154	0·70	...	...
341					
*	−11·966	+27·591	1·30	45.3699	9·8
...	11·952	+34·942	− 3	...	...
...	11·830	+54·844	− 1	...	...
*	11·581	−25·202	3·00	46.3609	8·2
...	11·326	+52·517	− 1	...	...
...	−10·887	+ 1·982	0·70	...	...
...	10·828	−24·819	0·65	...	...
...	10·757	− 1·028	− 4	M	...
...	10·754	+59·162	− 4	...	...
...	10·541	+ 0·352	− 4	M	...
351					
*	−10·510	−55·271	1·25	46.3610	10·1
...	10·203	−55·489	− 1	...	...
‡	10·059	+13·840	1·40	45.3700	9·7
...	9·767	−48.224	− 5	M	...
*	9·621	+ 1·846	1·30	45.3701	10·0
...	− 9·600	+46·372	− 2	...	...
...	9·400	+51·641	− 5	...	...
†	9·287	+45·035	− 4	...	...
...	9·211	+ 7·572	− 3	...	...
...	9·035	+ 5·841	− 5	M	...

224, 227.. C.P.D., probably mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
361-420					
361					
*	− 8·830	−43·045	1·40	46.3611	10·0
...	8·613	−32·588	0·90	...	...
...	8·296	−37·855	0·80	*m*	...
...	8·280	+36·767	− 2	...	...
...	8·210	+39·196	− 5	...	...
...	− 8·112	+41·559	− 3	...	...
...	7·926	−16·835	− 5	M *m*	...
...	7·753	+36·895	− 4	...	...
...	7·672	−39·991	− 5	*m*	...
*	7·663	−18·416	1·00	46.3612	10·4
371					
*	− 7·604	+ 5·077	1·05	45.3702	10·2
...	7·518	+33·228	0·95	...	...
...	7·485	+53·553	1·00	45.3703	10·4
...	7·322	−53·894	− 4	*m*	...
...	7·183	+ 3·721	− 2	...	...
...	− 6·993	+ 2·904	− 4	M *m*	...
*	6·972	+ 8·781	1·00	45.3704	10·2
...	6·943	+27·944	0·90	45.3705	10·4
...	6·926	−16·691	− 4	M *m*	...
*	6·810	+37·402	1·80	45.3706	9·4
381					
...	− 6·708	+55·660	− 5	...	...
...	6·572	+ 2·873	− 2	...	...
...	6·493	−32·789	0·70	*m*	...
...	6·320	+49·132	1·00	45.3707	10·6
...	6·298	−22·354	− 4	M *m*	...
*	− 6·296	−53·337	3·00	46.3613	8·2
...	6·287	−17·615	− 5	M *m*	...
...	5·718	+41·957	−-5	...	...
...	5·706	−27·049	− 4	M *m*	...
*	5·693	+45·392	1·60	45.3708	9·4
391					
...	− 5·450	+37·595	− 5	...	...
*	5·399	+37·965	1·15	45.3710	10·2
...	5·347	+21·051	− 4	...	...
*	5·335	+27·237	1·60	45.3709	9·6
†	5·049	+25·949	1·00	45.3711	10·4
...	− 4·784	+20·462	− 2	...	...
...	4·688	−39·522	− 3	*m*	...
...	4·465	+37·270	− 2	...	...
...	4·405	+52·072	− 3	...	...
...	4·271	+20·740	− 5	*m*	...
401					
...	− 4·195	+ 9·768	1·00	45.3712	10·6
...	4·182	+47·221	0·70	...	...
...	3·737	+19·785	− 5	M	...
...	3·356	− 9·874	− 3	M *m*	...
...	3·259	+ 4·364	0·70	...	...
*	− 3·257	+24·597	1·10	45.3713	10·2
...	3·004	+15·270	− 4	...	...
...	3·004	+14·828	− 3	...	...
*	2·868	−13·886	1·30	46.3614	9·8
*	2·810	+16·384	1·40	45.3714	9·8
411					
*	− 2·346	−45·695	1·50	46.3615	9·7
*	2·144	−26·915	1·80	46.3616	8·9
*	1·823	+53·043	1·40	45.3715	9·4
...	1·632	−23·018	0·70	*m*	...
†	1·598	−29·715	− 4	*m*	...
S *	− 1·593	+ 9·538	2·30	45.3716	8·7
...	1·477	+31·755	− 4	...	...
...	1·201	+52·458	0·90	45.3717	10·4
...	1·105	− 1·874	1·00	45.3718	10·6
...	1·080	+47·537	− 5	M	...
421-480					
421					
...	− 0·891	−55·302	0·90	46.3617	10·5
*	0·867	+13·949	1·35	45.3719	9·8
...	0·815	+10·559	− 3	M	...
...	0·725	−38·086	0·70	*m*	...
...	0·715	+40·795	− 3	...	...
...	− 0·711	+41·493	− 4	...	...
*	0·389	+ 5·348	1·05	45.3720	10·4
...	0·173	−28·846	1·00	...	...
†	0·095	− 4·688	− 3	M *m*	...
†	− 0·078	+59·841	1·00	44.3740	10·5
431					
...	+ 0·028	+37·771	− 5	...	...
...	0·154	−26·255	− 5	M *m*	...
...	0·156	+ 9·983	− 4	M	...
S *	0·485	−28·758	4·60	46.3618	6·8
*	0·616	−16·949	1·50	46.3619	9·7
*	+ 0·768	−45·526	1·15	46.3620	10·0
...	0·795	−47·453	− 5	M *m*	...
...	0·924	−15·023	− 5	M *m*	...
...	1·145	−10·558	0·75	46.3621	10·6
...	1·265	+ 1·250	0·65	M	...
441					
...	+ 1·432	+39·051	− 5	M	...
*	1·447	−33·812	1·80	46.3622	9·2
...	2·287	+39·585	− 4	...	...
*	2·360	−14·492	1·00	46.3623	10·2
*	2·426	−37·790	3·00	46.3624	8·0
...	+ 3·105	+ 5·068	0·90	45.3721	10·6
...	3·143	+ 6·447	− 4	M	...
...	3·234	+37·502	0·90	...	...
*	3·528	+45·666	1·00	45.3722	10·6
...	3·549	+17·777	0·80	...	...
451					
*	+ 3·704	+57·386	2·60	44.3747	8·9
...	3·766	+17·776	− 5	M	...
...	3·825	−34·814	0·70	*m*	...
...	3·897	+22·679	− 5	M	...
*	3·967	+46·379	1·00	45.3723	10·4
...	+ 4·052	+44·744	− 4	...	...
...	4·254	+33·361	0·90	45.3724	10·6
*	4·279	+49·205	1·05	45.3726	10·2
*	4·309	+36·668	1·30	45.3725	9·8
...	4·776	+43·331	− 4	...	...
461					
†	+ 4·966	+39·654	− 2	...	...
...	5·001	+30·281	− 3	M	...
...	5·156	−54·525	− 4	*m*	...
...	5·420	− 3·555	− 4	M *m*	...
*	5·425	−31·309	1·80	46.3625	9·2
...	+ 5·674	−47·981	− 2	*m*	...
...	5·700	−53·025	− 5	M *m*	...
*	5·999	−17·303	1·60	46.3626	9·2
...	6·940	−39·838	0·90	46.3627	10·6
...	6·991	+10·492	− 2	M	...
471					
...	+ 7·283	−40·048	0·85	...	...
*	7·411	+53·002	1·20	45.3727	10·2
...	7·613	+18·956	− 4	...	...
...	7·760	+34·797	0·80	...	...
...	7·777	+ 9·459	0·90	45.3728	10·6
...	+ 8·401	+ 7·910	− 3	...	...
...	8·431	+ 4·040	− 4	...	...
...	9·439	− 4·307	− 3	*m*	...
...	9·470	−46·812	− 3	*m*	...
...	10·083	+39·950	− 5	...	...
481-540					
481					
...	+10·132	−29·001	− 5	*m*	...
...	10·609	−34·188	1·00	46.3628	10·6
*	10·716	− 7·341	1·00	46.3629	10·4
...	10·960	+35·801	0·85	45.3729	10·6
...	11·185	−37·069	0·80	...	...
...	+11·300	+32·559	0·90	45.3730	10·6
...	11·307	+51·093	− 5	...	...
...	11·686	−11·106	− 4	*m*	...
...	12·002	−18·020	0·75	*b*	...
...	12·032	+54·510	− 5	...	...
491					
...	+12·248	−46·283	− 4	*m*	...
...	12·754	−14·041	− 5	*m*	...
...	13·189	−38·848	− 5	*m*	...
...	13·446	−23·629	− 5	*m*	...
*	13·507	+16·335	1·50	45.3731	9·3
...	+13·550	−58·854	− 5	*m*	...
...	13·664	+41·272	− 2	...	...
...	13·757	+ 8·367	− 5	...	...
*	13·770	−53·895	1·25	46.3631	10·0
...	13·884	+ 7·094	0·90	...	...
501					
†	+13·889	−49·692	− 5	*m*	...
*	13·912	−34·836	1·00	46.3630	10·6
...	14·073	+15·026	0·65	...	...
*	14·230	+29·728	1·05	45.3732	10·1
*	14·410	− 7·339	1·25	46.3632	9·7
...	+14·455	+51·632	1·00	45.3733	10·6
...	14·487	−29·047	0·80	...	...
...	14·607	−46·352	− 5	*m*	...
...	14·789	+ 2·420	0·80	...	...
...	14·806	−28·050	0·80	...	...
511					
†	+14·899	−38·062	− 1	46.3633	10·6
...	15·166	−55·509	0·75	46.3634	10·6
...	15·414	+41·677	− 1	...	...
...	15·616	− 4·474	− 4	*m*	...
...	15·712	−57·082	0·90	46.3636	10·6
...	+15·743	+51·288	− 1	...	...
*	15·765	+37·150	1·40	45.3734	10·0
*	16·104	+56·792	2·00	44.3766	9·2
...	16·220	+49·256	− 1	...	...
...	16·399	+28·900	− 3	...	...
521					
...	+16·399	+27·599	0·80	...	...
...	16·516	+22·663	− 2	...	...
...	16·679	−13·157	− 5	*m*	...
...	16·731	−38·117	− 3	*m*	...
	16·869	−43·793	1·00	46.3639	10·6
...	+16·874	−24·505	− 4	*m*	...
S *	16·904	−30·748	3·00	46.3638	8·2
*	17·008	+39·701	1·25	45.3735	10·1
...	17·168	+ 7·957	− 5	...	...
...	17·335	− 2·678	− 3	*m*	...
531					
...	+17·414	−15·646	− 5	*m*	...
...	17·592	+13·015	− 2	...	...
...	17·866	−13·923	− 4	*m*	...
*	18·011	+20·720	1·40	45.3736	9·8
...	18·200	− 7·505	− 5	*m*	...
...	+18·217	−53·623	− 1	...	...
*	18·291	−32·866	2·00	46.3640	8·8
...	18·542	−41·473	− 4	*m*	...
...	18·593	−29·453	0·90	46.3641	10·6
*	18·738	−24·505	1·05	46.3642	10·4

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
541-600					
541					
...	+18·766	−51·845	− 4	m	...
*	19·262	+ 4·741	1·05	45.3737	10·4
...	19·459	−49·997	− 3	m	...
...	19·652	−58·388	− 5	m	...
*	19·682	+46·389	1·30	45.3738	9·8
...	+20·254	−21·713	− 2	m	...
*	20·683	+35·611	2·00	45.3739	8·9
*	20·698	+ 9·055	1·00	45.3741	10·0
S*	20·926	+50·231	1·80	45.3740	8·9
...	20·963	−41·711	0·90	...	...
551					
...	+21·102	+24·055	− 3	...	...
...	21·817	+52·202	− 5	...	...
*	21·950	+26·177	1·00	45.3743	10·2
*	21·970	− 7·230	1·00	46.3643	10·5
... [	21·970	+57·992	1·00	44.3771	9·4
* [	+22·056	+58·012	1·20		
...	22·023	−21·256	− 4	m	...
*	22·115	+45·330	1·15	45.3742	10·0
...	22·209	+51·315	− 5	...	...
*	22·369	+ 4·028	1·00	45.3744	10·2
561					
...	+22·626	+50·642	− 5	...	...
†	22·703	−34·746	− 4	m	...
...	22·802	+17·524	− 3	...	...
...	22·981	− 1·924	− 4	m	...
*	23·043	+11·721	1·05	45.3745	10·2
*	+23·056	−32·844	2·00	46.3644	9·2
* [	23·362	−35·505	1·05	46.3645	9·1
* [	23·472	−35·394	1·40		
...	23·848	−17·579	− 5	m	...
...	23·951	− 7·155	− 3	m	...
571					
*	+23·970	−36·019	1·50	46.3646	9·6
...	24·060	+13·968	− 4	...	...
...	24·100	− 1·086	− 4	m	...
...	24·465	+52·697	− 5	...	...
...	24·747	+20·906	− 3	...	...
†	+24·910	+31·349	0·65	...	...
...	25·148	−58·997	− 3	m	...
...	25·163	+53·270	1·00	45.3746	10·5
...	25·258	+37·327	− 3	...	...
...	25·386	−39·850	− 4	m	...
581					
...	+25·396	−49·836	1·15	46.3648	10·4
*	25·525	− 8·667	1·05	46.3647	10·2
...	25·689	−26·598	1·00	46.3649	10·6
...	25·876	+59·028	− 4	...	...
...	26·038	+33·390	− 3	...	...
...	+26·148	−26·048	− 5	m	...
...	26·179	−23·136	1·00	46.3650	10·6
...	26·377	+51·473	− 1	...	...
...	26·639	−49·088	− 4	m	...
...	26·711	+36·855	0·90	45.3747	10·6
591					
...	+26·845	−51·281	− 5	m	...
...	27·085	−11·017	− 4	m	...
...	27·172	−25·983	− 4	m	...
...	27·272	−19·242	− 3	m	...
...	27·279	+56·837	− 5	...	...
...	+27·365	+41·724	0·65	...	...
...	27·486	+14·312	− 5	a	...
...	27·598	− 7·385	− 3	m	...
...	27·642	+21·646	0·70	...	...
...	27·878	−16·154	0·70	...	...
601-660					
601					
...	+27·975	+33·590	− 5	...	...
...	28·051	+45·801	− 4	...	...
...	28·326	−32·248	1·00	46.3651	10·6
...	28·344	+10·701	0·85	...	...
...	28·348	−12·675	− 5	m	...
*	+28·718	+22·849	1·40	45.3748	9·6
S*	28·728	+18·379	3·00	45.3749	8·2
...	29·010	−42·648	− 5	m	...
...	29·146	+33·310	0·70	...	...
*	29·201	+ 1·612	2·20	45.3750	8·7
611					
...	+29·589	+ 9·296	− 3	...	...
...	29·723	+34·452	− 2	...	...
...	29·751	−55·456	− 1	...	...
†	29·787	+44·106	− 4	...	...
‡	29·908	−18·833	1·30	46.3652	9·7
...	+30·468	+48·568	0·95	...	...
...	30·879	+22·958	− 5	...	...
*	31·301	+17·996	2·80	45.3751	8·2
†	31·396	+ 0·200	− 5	α	...
*	31·703	− 9·162	1·00	46.3653	10·0
621					
*	+31·741	−43·238	1·25	46.3654	10·2
...	31·852	−39·392	− 4	m	...
...	31·871	−59·217	− 5	m	...
...	31·972	−17·327	0·90	...	...
...	32·053	+ 5·930	0·80	...	...
...	+32·103	+ 1·384	0·90	...	...
...	32·182	+ 7·628	− 5	...	...
...	32·216	+46·338	− 5	...	...
...	32·264	− 4·403	0·85	b	...
...	32·369	+52·488	− 4	...	...
631					
*	+32·438	−33·569	1·25	46.3655	10·1
...	32·516	+ 0·424	0·90	...	...
...	32·611	−23·767	− 4	m	...
...	32·675	+21·536	0·90	...	...
...	32·796	− 3·432	− 5	m	...
...	+32·944	−13·692	− 5	m	...
...	32·952	+29·464	− 5	...	...
...	33·254	+26·861	− 5	...	...
...	33·740	+45·770	− 5	...	...
...	33·759	−43·763	− 5	m	...
641					
...	+33·851	+ 5·307	− 5	m	...
...	33·991	−11·707	0·90	...	...
...	34·018	−41·511	− 1	...	...
...	34·263	−45·907	1·05	46.3656	10·6
...	34·291	+44·899	− 4	...	...
†	+34·859	+13·685	0·65	...	...
...	35·134	− 1·543	0·70	b	...
*	35·257	+40·882	1·10	45.3752	10·5
*	35·271	+22·195	1·05	45.3753	10·5
...	35·425	−34·374	− 1	m	...
651					
...	+35·493	+17·158	1·00	45.3755	10·6
*	35·613	+40·305	1·10	45.3754	10·4
...	35·654	−46·190	0·80	46.3657	10·6
...	35·698	−34·923	− 4	m	...
...	35·761	+ 7·606	− 4	...	...
...	+36·087	+50·969	− 5	...	...
*	36·630	−13·037	1·30	46.3658	9·8
...	36·727	+21·000	0·70	...	...
...	36·818	−29·828	− 3	m	...
†	36·834	+54·942	0·95	44.3783	10·6
661-720					
661					
...	+37·248	−23·381	0·90	46.3660	10·6
*	37·313	+52·141	1·20	45.3756	10·1
*	37·544	+ 6·764	1·20	45.3757	10·2
...	37·546	−45·750	− 1	...	...
*	37·552	− 6·390	1·35	45.3758	9·8
...	+37·642	+18·430	− 5	...	...
...	37·652	+26·245	− 5	...	...
*	37·788	−54·897	1·40	46.3662	10·0
...	37·939	−17·561	− 1	m	...
*	38·043	−17·660	1·10	46.3661	10·2
671					
...	+38·554	− 3·537	− 5	m	...
*	39·068	+19·529	1·05	45.3759	10·4
...	39·075	−30·524	− 5	m	...
...	39·274	+28·678	0·65	...	...
...	39·722	+23·254	− 5	...	...
*	+40·012	+55·445	2·00	44.3788	9·4
...	40·184	+29·688	0·95	45.3760	10·6
...	40·260	+24·975	1·00	45.3761	10·6
...	40·315	+18·476	− 5	...	...
...	40·441	+27·928	− 3	...	...
681					
*	+40·449	−42·028	1·20	46.3663	10·2
...	40·475	+26·804	1·00	45.3762	10·6
...	40·776	−20·807	0·95	46.3664	10·6
...	41·542	+54·640	− 4	...	...
...	41·706	−46·322	− 4	m	...
...	+41·744	+22·837	− 5	...	...
*	41·838	+22·215	1·20	45.3763	10·0
...	41·918	−12·515	− 5	m	...
...	42·185	−37·458	− 5	m	...
...	42·301	−13·808	− 5	m	...
691					
*	+42·530	− 2·723	1·15	45.3765	10·0
*	42·647	+24·637	2·00	45.3764	8·9
*	42·937	+30·442	1·90	45.3766	9·4
†	43·121	−49·676	− 4	m	...
...	43·243	+27·750	− 4	...	...
...	+43·446	+57·976	− 1	44.3792	10·6
...	43·485	+26·573	− 5	...	...
S ‡	43·613	−14·720	2·00	46.3665	8·8
*	44·036	−58·647	1·10	46.3667	10·1
...	44·133	+30·961	− 4	...	...
701					
...	+44·292	+20·999	− 5	...	...
*	45·987	+22·524	2·00	45.3767	9·2
...	46·009	+39·893	0·70	...	...
...	46·025	−11·780	− 5	m	...
...	46·251	−16·331	− 3	m	...
...	+46·557	+25·892	0·75	...	...
...	46·596	−19·553	1·00	46.3668	10·5
...	46·828	− 6·517	− 2	e	...
...	46·831	+15·772	− 5	...	...
†	47·050	+ 0·163	− 3	...	...
711					
...	+47·054	−13·823	− 5	m	...
*	47·354	−10·740	1·20	46.3669	10·2
*	47·506	+ 0·936	1·40	45.3769	9·8
...	47·552	+17·986	− 3	...	...
...	47·580	+27·956	− 5	...	...
...	+47·637	+22·485	0·70	...	...
*	47·701	+34·311	1·40	45.3768	9·6
...	47·782	−48·612	− 4	m	...
...	48·262	+34·208	− 2	...	...
...	48·405	− 4·550	0·90	45.3774	10·6

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
721-740					
721	′	′		°	
*	+48·441	−11·917	1·10	46.3670	10·4
*	48·646	+48·491	1·20	45.3770	10·4
*	48·763	+19·181	1·25	45.3772	10·4
*	49·097	−52·663	1·40	46.3671	10·2
*	49·104	+46·036	1·15	45.3771	10·4
...	+49·190	+20·198	− 3	...	...
...	49·234	+33·848	− 4	...	...
‡	49·273	+39·960	1·80	45.3773	9·0
...	49·555	+ 4·427	− 3	...	...
...	50·209	−11·085	− 2	*e*	...
731					
...	+50·309	+24·087	− 4	...	...
...	50·495	+12·764	− 1	...	...
...	50·523	+48·994	− 5	...	...
...	50·780	−30·028	− 5	*m*	...
...	51·117	+58·653	− 5	...	...
...	+51·119	+ 6·958	− 4	...	...
*	51·299	+55·961	4·50	44.3798	7·6
...	51·541	+48·314	1·00	45.3775	10·4
‡	51·569	+ 5·226	1·40	45.3777	9·6
*	51·605	+ 0·254	1·40	45.3778	9·6
741-760					
741	′	′		°	
...	+51·966	+32·352	1·00	45.3776	10·4
*	52·305	+55·794	3·60	44.3799	7·8
...	52·361	+18·435	1·00	45.3779	10·6
...	52·900	+33·909	− 2	...	...
...	52·985	+44·653	1·05	45.3780	10·4
...	+53·021	+51·416	− 4	...	...
*	53·025	+22·926	1·70	45.3781	9·4
...	53·036	− 7·635	− 4	*m*	...
...	53·186	+35·253	− 5	...	...
*	53·247	−13·310	1·40	46.3672	9·8
751					
...	+53·531	+16·231	− 5	...	...
*	53·984	−59·382	2·40	46.3674	9·0
...	54·086	− 4·143	− 1	...	...
*	54·388	+29·308	2·00	45.3782	9·1
†	54·829	−22·472	0·80	*e*	...
...	+55·137	− 2·203	0·95	45.3783	10·6
...	55·315	+ 3·783	− 4	...	...
...	55·590	−26·342	− 3	*m*	...
...	55·810	− 4·534	− 5	*m*	...
...	56·266	−25·792	− 5	*m*	...
761-773					
761	′	′		°	
*	+56·376	−25·695	1·60	46.3675	9·3
*	56·791	+58·383	2·00	44.3805	9·2
...	56·828	+40·860	− 1	45.3784	10·6
...	57·236	− 8·803	− 5	*m*	...
*	57·557	+44·849	1·40	45.3785	9·6
*	+57·742	− 6·591	1·20	45.3786	10·1
...	57·756	−24·171	0·90	46.3677	10·6
...	57·772	+21·178	− 4	...	...
...	58·091	+24·869	− 5	...	...
†	58·098	−49·678	− 5	*m*	...
771					
*	+58·322	+ 8·925	1·60	45.3787	9·4
...	59·026	−33·713	− 3	*e*	...
...	59·109	−51·822	0·90	46.3679	10·2

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
1-30					
1	′	′		°	
...	−59·468	+39·669	− 5	...	...
*	58·935	+22·324	1·80	45.3767	9·2
...	58·466	+25·692	− 4	...	...
...	58·357	−58·884	0·90	46.3667	10·1
*	57·580	+34·150	1·30	45.3768	9·6
...	−57·287	+22·325	− 5	...	...
...	57·239	+17·835	− 5	...	...
...	57·183	− 6·687	− 5	E	...
...	57·088	+48·363	0·80	45.3770	10·4
...	57·024	−19·724	− 2	46.3668	10·5
11					
*	−56·750	+ 0·791	1·05	45.3769	9·8
...	56·558	+45·913	0·80	45.3771	10·4
...	56·515	−10·891	0·90	46.3669	10·2
*	56·198	+39·847	1·80	45.3773	9·0
...	56·057	+19·058	0·70	45.3772	10·4
...	−55·674	− 4·671	− 3	45.3774	10·6
...	55·410	−12·034	0·85	46.3670	10·4
...	54·671	+24·017	− 5	...	...
*	54·656	+55·916	4·00	44.3798	7·6
...	54·200	+48·267	0·65	45.3775	10·4
21					
...	−54·136	+12·705	− 5	...	...
...	53·670	−11·141	− 5	E	...
*	53·657	+55·786	3·20	44.3799	7·8
...	53·484	−52·746	0·80	46.3671	10·2
...	53·268	+32·339	0·75	45.3776	10·4
*	−52·814	+ 5·206	1·25	45.3777	9·6
...	52·633	+44·642	0·65	45.3780	10·4
*	52·632	+ 0·235	1·20	45.3778	9·6
...	52·444	+18·429	0·70	45.3779	10·6
...	52·375	+33·925	− 5	...	...
31-60					
31	′	′		°	
*	−51·895	+22·950	1·70	45.3781	9·4
*	50·744	+29·363	1·80	45.3782	9·1
*	50·558	−13·277	1·00	46.3672	9·8
...	50·020	− 4·075	− 3	...	...
*	49·249	+58·511	1·90	44.3805	9·2
...	−48·996	− 2·119	− 4	45.3783	10·6
...	48·688	−22·333	− 3	E	...
...	48·679	+40·987	− 2	45.3784	10·6
*	48·388	−59·301	2·00	46.3674	9·0
*	48·063	+44·988	1·10	45.3785	9·6
41					
...	−47·127	+21·345	− 5	...	...
*	47·026	−25·559	1·40	46.3675	9·3
*	46·272	− 6·423	0·90	45.3786	10·1
*	46·184	+ 9·107	1·50	45.3787	9·4
...	45·717	−23·989	− 2	46.3677	10·6
‡	−45·008	+44·390	1·15	45.3788	9·3
...	44·159	−33·482	− 5	E	...
...	43·889	+17·299	− 3	45.3789	10·5
...	43·501	−51·588	0·70	46.3679	10·2
...	43·113	−29·725	− 1	46.3681	10·6
51					
*	−43·050	−37·191	1·60	46.3680	9·4
*	42·649	+27·777	1·60	45.3790	9·2
...	42·647	+37·670	− 5	...	...
...	42·537	−37·004	− 5	...	...
*	42·425	+12·507	1·60	45.3792	9·4
S*	−42·256	− 1·711	1·95	45.3791	8·6
...	42·202	−52·461	− 1	46.3682	10·6
...	42·138	− 6·196	− 1	45.3793	10·6
*	41·697	+43·055	0·95	45.3794	10·0
...	41·695	+38·025	0·75	45.3795	10·2
61-90					
61	′	′		°	
...	−41·650	−23·745	− 5	...	...
...	41·550	+ 0·846	− 5	...	...
...	41·444	+20·825	− 5	...	...
*	40·693	− 4·246	0·85	45.3796	10·4
...	40·620	−12·603	− 1	46.3683	10·6
...	−40·413	− 6·747	0·65	46.3684	10·6
...	39·384	−14·750	− 4	B	...
...	39·149	+51·198	− 4	...	...
...	39·100	−16·226	− 3	...	...
...	38·969	+ 8·217	− 5	...	...
71					
...	−38·902	+ 9·903	− 1	45.3797	10·5
...	38·488	+ 7·100	− 3	...	...
...	38·142	−45·717	− 5	...	...
...	37·999	+34·848	− 5	...	...
...	37·664	− 8·780	− 1	46.3685	10·6
...	−36·885	+10·106	− 5	...	...
...	36·815	− 0·329	− 4	α	...
*	36·683	−48·657	0·90	46.3686	10·1
...	36·662	−11·877	− 3	46.3687	10·6
*	36·448	−21·853	0·90	46.3689	10·0
81					
...	−36·046	−55·617	− 1	46.3688	10·4
...	35·909	+54·898	− 4	...	...
S*	35·847	−30·513	1·60	46.3690	9·0
...	35·688	+25·095	− 5	...	...
...	34·780	+39·951	− 4	...	...
*	−34·136	−22·631	2·00	46.3692	8·7
*	33·822	+22·235	0·85	45.3798	10·2
S*	33·713	+51·960	3·00	45.3799	7·8
*	33·309	+39·349	1·40	45.3801	9·2
*	33·169	+13·606	1·40	45.3800	9·3

ES measured from 1, 144, 301.
MC „ „ 67, 223, 370.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
91-150					
91	′	′		°	
*	−32·880	− 7·313	0·80	46.3693	10·4
...	32·872	+41·288	− 5	...	...
...	32·669	−27·901	− 4	B	...
...	32·641	+22·682	0·65	45.3802	10·4
...	32·414	−27·087	− 3	46.3695	10·6
...	−32·210	+ 4·513	− 2	...	...
...	32·077	+32·419	− 4	45.3803	10·6
*	31·848	−27·797	1·00	46.3696	10·0
...	31·811	+ 4·978	− 4	...	...
...	31·691	+ 2·124	− 2	...	...
101					
...	−31·613	− 7·550	− 3	46.3697	10·4
...	31·155	+32·323	− 3	45.3804	10·6
*	30·951	+18·577	1·20	45.3806	9·8
...	30·831	−46·143	− 4	B	...
...	30·829	− 5·850	− 1	45.3805	10·1
...	−29·875	−38·051	0·65	46.3698	10·2
...	29·749	−45·934	− 4	...	...
*	29·236	−14·615	1·30	46.3700	9·6
*	29·125	+28·447	1·20	45.3807	9·6
*	29·052	−49·356	1·90	46.3699	8·7
111					
...	−28·887	+46·855	− 3	45.3809	10·6
*	28·753	+27·842	1·20	45.3808	9·6
*	28·521	+58·577	1·80	44.3832	8·9
*	28·387	+12·609	1·00	45.3810	10·0
*	27·905	−56·119	2·00	46.3701	8·7
*	−27·428	− 6·804	1·20	46.3702	9·8
...	27·001	−38·996	− 4	...	...
...	26·894	+37·637	− 1	45.3811	10·6
...	26·824	+25·741	− 4	...	...
...	26·441	−30·467	− 5	M	...
121					
...	−26·434	−41·694	− 5	46.3703	10·6
S *	26·323	+25·904	2·80	45.3812	8·0
*	26·055	+19·896	1·40	45.3813	9·2
*	25·694	+49·456	2·80	45.3814	8·3
*	25·652	−58·368	1·20	46.3704	10·0
†	−25·179	+45·367	− 4	...	...
...	24·739	+58·782	− 3	44.3838	10·4
*	24·141	−40·184	1·00	46.3705	9·8
...	24·083	−40·511	0·85	46.3706	10·1
...	24·052	−45·388	− 3	46.3707	10·6
131					
*	−23·861	+56·949	1·80	44.3841	8·9
*	23·629	−24·514	1·10	46.3708	9·6
...	23·530	+48·155	− 4	...	...
...	23·469	+14·555	− 2	45.3815	10·6
...	23·370	−22·596	− 4	...	...
...	−23·336	+32·055	− 5	...	...
...	22·902	+31·259	− 4	...	...
...	22·476	+34·611	− 4	...	...
†	22·412	−45·047	0·70	46.3709	10·4
...	21·569	+12·338	− 3	...	...
141					
...	−21·383	−17·063	− 4	...	...
...	21·083	−36·651	− 2	46.3710	10·4
...	20·735	−56·657	− 1	46.3711	10·5
‡	20·150	−49·589	2·10	46.3712	8·4
...	20·091	−32·386	− 5	M	...
...	−19·490	+20·642	− 5	...	...
*	19·424	−11·509	1·10	46.3714	9·8
...	18·663	+45·217	− 1	45.3817	10·5
...	18·626	− 6·286	0·75	45.3816	10·0
*	18·621	+38·751	2·20	45.3818	8·5
151-210					
151	′	′		°	
...	−18·613	−57·427	− 5	M	...
*	18·516	−56·004	2·00	46.3715	8·4
*	17·896	− 3·417	2·00	45.3819	8·9
...	16·718	+39·849	− 5	...	...
†	16·360	−15·092	− 5	M	...
...	−15·890	−52·899	− 5	M	...
...	15·683	−26·988	− 1	46.3716	10·6
...	15·672	− 6·384	0·75	45.3820	10·2
...	15·484	−26·680	0·70	46.3717	10·2
...	15·460	−22·231	0·75	46.3718	10·2
161					
†	−15·143	+32·022	− 4	...	...
...	15·080	+50·761	− 3	...	...
...	14·976	−59·308	− 4	46.3719	10·6
...	14·584	+18·572	0·75	45.3821	10·1
...	14·534	+10·444	0·90	45.3822	10·1
...	−14·330	+ 0·528	− 3	45.3823	10·5
*	14·248	−42·268	2·80	46.3720	7·8
...	13·779	−10·073	− 5	46.3721	10·6
*	13·609	+29·417	0·90	45.3824	10·0
...	12·909	−38·829	− 5	M	...
171					
...	−12·335	−23·068	− 3	46.3723	10·6
†	12·135	−55·007	0·65	46.3724	10·4
...	11·879	− 3·330	− 1	45.3825	10·4
...	11·706	+20·466	− 4	45.3826	10·6
*	11·272	+51·537	0·95	45.3827	10·0
*	−10·635	+46·839	0·90	45.3828	9·9
...	10·407	−23·027	− 1	46.3725	10·4
*	9·905	− 7·269	1·80	46.3726	9·2
...	9·849	−33·184	− 5	M	...
...	9·697	−55·765	− 4	...	...
181					
*	− 9·692	−45·264	1·50	46.3727	9·3
...	9·032	+48·403	− 4	45.3829	10·4
...	8·333	−10·814	0·90	46.3728	10·0
†	8·318	− 0·239	0·65	45.3830	10·1
*	8·085	+41·293	1·70	45.3831	8·8
...	− 7·800	−21·090	− 4	46.3729	10·6
...	7·481	+50·716	− 5	...	...
*	7·215	+42·678	0·90	45.3832	9·6
...	6·905	−15·218	− 5	46.3730	10·6
...	6·799	− 8·601	0·80	46.3732	10·0
191					
...	− 5·978	−33·869	− 5	M	...
N *	5·734	+55·713	1·80	44.3865	8·6
S *	5·700	−19·303	1·90	46.3733	8·8
...	5·580	− 8·618	0·75	46.3734	9·8
...	5·523	−39·306	− 5	M	...
*	− 5·487	+ 1·314	1·60	45.3833	9·2
S ‡	5·216	−51·749	1·80	46.3735	8·6
*	4·977	+ 8·706	1·00	45.3834	9·8
*	4·898	−50·677	1·05	46.3736	9·4
...	4·762	+58·375	− 4	...	...
201					
...	− 4·264	−45·520	− 3	46.3737	10·4
...	4·229	−30·890	− 3	...	...
†	4·095	−49·996	− 2	46.3738	10·4
...	3·977	−50·298	− 3	46.3739	10·4
...	3·972	+44·433	− 5	...	...
...	− 3·605	+42·678	− 1	...	...
...	3·604	+43·223	0·70	45.3835	10·1
...	3·599	−24·491	− 5	M	...
*	3·586	+33·808	0·95	45.3836	9·6
...	2·742	+37·328	0·80	45.3837	10·1
211-270					
211	′	′		°	
...	− 2·541	+58·779	0·70	44.3869	10·1
...	2·396	−28·498	− 5	M	...
...	2·331	+49·439	0·80	45.3838	10·0
...	2·172	−35·552	0·70	46.3740	10·2
*	1·829	+18·535	1·30	45.3839	9·3
...	− 1·789	+24·947	− 5	*m*	...
...	1·766	−44·100	0·65	46.3742	10·4
...	1·653	−27·771	− 1	46.3741	10·1
*	1·546	−27·543	0·85	46.3743	9·9
...	0·570	+50·108	− 4	...	...
221					
*	− 0·559	+25·210	0·85	45.3840	9·8
*	− 0·401	+19·241	1·00	45.3841	9·6
	+ 0·034	+43·809	− 2	45.3842	10·2
*	0·193	+41·756	1·00	45.3843	9·6
...	0·457	−43·716	− 2	46.3745	10·4
*	+ 0·746	+33·064	1·30	45.3844	9·3
...	0·818	+ 1·021	− 3	45.3845	10·4
...	0·825	−46·156	− 4	M	...
...	1·280	−23·353	− 5	M	...
‡	1·625	−50·107	1·00	46.3746	9·4
231					
...	+ 1·693	−49·958	− 5	M	...
...	2·215	+34·636	− 4	...	...
*	2·612	+33·390	0·90	45.3847	9·9
...	3·399	−13·097	− 4	46.3747	10·4
...	4·171	−39·209	− 2	46.3748	10·2
...	+ 5·199	+ 5·154	− 1	45.3848	9·8
...	5·451	−50·180	− 5	M	...
...	5·826	+55·388	− 5	...	...
...	6·462	−59·475	− 5	M	...
...	6·604	−34·435	− 5	M	...
241					
*	+ 6·743	+28·592	1·10	45.3849	9·6
...	6·930	−10·736	− 5	M	...
...	7·068	−55·688	− 4	M	...
B	7·495	− 9·462	− 5	46.3749	10·4
...	7·730	−44·073	0·80	46.3750	10·1
...	+ 8·061	−48·766	0·65	46.3751	10·2
...	8·191	−20·746	− 5	...	...
...	8·384	−54·183	− 5	M	...
*	9·233	−47·306	1·00	46.3753	9·8
...	9·242	−14·121	− 1	46.3752	10·0
251					
...	+ 9·297	+28·718	− 3	45.3850	10·4
...	9·363	−29·259	− 2	46.3754	10·4
...	9·508	+28·534	− 3	45.3851	10·4
...	9·947	+37·021	0 65	45.3852	10·0
...	10·072	+58·873	− 4	44.3894	10·4
...	+10·415	−19·693	− 5	...	...
	11·229	−48·165	− 2	46.3755	10·4
...	11·482	+49·751	− 5	...	...
...	11·878	+11·757	− 3	45.3854	10·4
...	11·883	−12·513	− 3	46.3756	10·2
261					
...	+11·947	−12·967	− 1	46.3757	10·1
*	12·088	+51·305	1·00	45.3853	9·8
*	12·167	−29·043	1·20	46.3758	9·4
*	12·258	−23·466	1·20	46.3759	9·5
...	12·352	+45·572	− 1	45.3855	10·2
...	+12·670	+17·844	− 1	45.3856	10·2
...	13·115	−26·479	− 5	...	...
*	13·496	−34·906	2·00	46.3760	8·4
*	13·554	+56·953	1·00	44.3901	9·8
...	13·628	−46·938	− 5	...	...

192. Var. L=8·2—8·6.
C.P.D. 45°.3846, one image only ; too faint to measure.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
271–330					
271	′	′		°	
…	+14·095	−13·223	− 5	…	…
…	14·239	−47·002	− 2	…	…
…	14·265	− 3·767	− 1	45.3857	10·0
…	14·889	−25·941	− 3	46.3761	10·4
*	14·918	−57·718	1·40	46.3763	9·3
*	+14·943	−31·134	1·10	46.3762	9·8
…	14·969	+30·612	− 3	45.3858	10·4
*	15·151	+ 9·405	1·30	45.3859	9·4
…	15·349	+ 5·534	− 3	45.3860	10·4
…	16·268	−21·805	− 2	46.3764	10·4
281					
…	+16·640	−31·706	− 5	…	…
…	16·710	−22·069	− 2	46.3765	10·4
…	16·788	−55·259	− 4	…	…
…	16·933	−22·362	− 5	…	…
…	17·140	−41·800	− 3	46.3766	10·4
…	+17·151	+ 7·411	− 2	45.3861	10·2
…	17·219	−28·172	− 3	46.3767	10·2
*	17·473	+55·521	1·00	44.3904	9·9
†	17·961	+54·690	− 5	*a*	…
…	17·999	−34·961	− 2	46.3770	10·4
291					
*	+18·110	−22·619	1·20	46.3769	9·6
S *	18·350	− 5·407	1·90	45.3863	9·0
S *	18·352	+20·047	2·00	45.3862	8·6
…	18·875	+20·286	− 2	45.3864	10·1
…	18·923	−20·723	− 5	…	…
…	+19·092	−19·581	− 4	…	…
…	19·432	−53·058	− 1	46.3771	10·4
*	19·537	+56·264	0·95	44.3908	9·9
…	19·548	+22·950	− 5	…	…
*	19·550	−59·080	1·20	46.3772	9·6
301					
…	+19·834	−39·231	− 5	…	…
*	20·407	+22·721	1·80	45.3865	8·8
…	20·437	+19·883	− 5	…	…
†	20·662	−20·083	− 5	…	…
*	20·881	−21·033	1·80	46.3773	8·8
…	+20·908	−11·968	− 5	…	…
…	21·477	−45·913	− 5	…	…
*	21·597	+ 4·391	0·90	45.3866	9·6
…	22·805	−28·685	− 5	…	…
…	23·604	−39·129	− 4	46.3775	10·4
311					
…	+24·183	+40·845	− 5	…	…
*	24·876	+22·279	2·10	45.3867	8·8
…	24·913	−19·949	− 5	…	…
…	24·915	−44·374	− 4	…	…
*	25·546	−32·353	1·00	46.3778	9·8
…	+25·565	+34·942	− 4	45.3868	10·4
…	25·790	+51·872	0·75	45.3869	10·2
…	25·793	−27·524	− 4	46.3779	10·4
…	26·134	−40·555	− 5	…	…
*	26·440	−49·056	1·60	46.3780	9·2
321					
…	+26·530	+13·848	− 4	…	…
…	26·768	−51·619	− 4	…	…
*	26·828	−31·577	1·00	46.3781	9·8
…	27·115	− 2·678	0·80	45.3870	10·0
…	27·186	−32·713	− 5	…	…
…	+27·634	+10·710	− 3	45.3871	10·4
*	27·764	− 4·496	2·00	45.3872	9·0
…	27·883	− 1·433	0·70	45.3873	10·2
…	27·891	−16·503	− 5	…	…
*	28·093	−19·724	2·00	46.3782	9·0
331–390					
331	′	′		°	
*	+28·175	−29·736	1·20	46.3783	9·3
…	28·608	−30·696	− 4	…	…
…	29·105	+15·013	0·85	45.3874	10·0
*	29·229	−53·554	1·10	46.3784	9·8
…	29·571	−29·169	− 4	…	…
‡	+29·720	+55·587	1·30	44.3928	9·4
…	29·743	+17·189	− 4	…	…
*	30·275	−53·605	0·90	46.3786	9·8
S *	30·434	+ 6·381	2·10	45.3876	8·6
…	30·467	+13·716	− 5	…	…
341					
…	+30·505	+40·810	0·65	45.3875	10·0
*	31·051	−24·872	0·90	46.3787	9·6
…	31·114	+31·814	− 4	…	…
*	31·403	+40·875	1·00	45.3877	9·8
…	31·420	−21·138	− 5	…	…
…	+31·557	−56·584	− 5	46.3788	10·4
…	32·233	+ 2·749	− 4	…	…
…	32·274	+ 8·637	− 5	*a*	…
…	32·863	+48·555	0·70	45.3878	10·1
S *	33·104	+41·363	1·25	45.3879	9·4
351					
*	+33·111	−37·944	0·95	46.3789	9·6
*	33·652	− 0·913	0·90	45.3881	9·8
‡	33·655	−50·165	1·25	46.3790	9·4
*	33·994	+24·111	0·90	45.3880	9·8
…	34·006	−48·403	− 5	…	…
…	+34·684	−54·776	− 5	…	…
…	34·762	−58·251	− 5	…	…
*	34·769	−32·712	1·60	46.3791	9·2
…	35·123	+17·661	− 4	…	…
…	37·136	+45·287	− 3	…	…
361					
*	+37·714	+52·337	1·10	45.3882	9·6
…	37·756	+12·851	− 3		…
…	38·047	−40·266	0·65	46.3792	10·2
…	38·455	−34·560	0·80	46.3793	10·1
…	38·626	− 5·818	− 5	…	…
…	+38·829	−21·261	− 2	…	…
	39·186	+46·976	− 5	*a*	…
f *	39·336	− 0·069	1·50	45.3883	9·2
*	39·424	−33·842	0·95	46.3794	9·8
…	39·716	−47·333	− 4	…	…
371					
*	+39·742	+ 1·282	0·95	45.3885	9·8
…	40·155	+45·872	− 3	45.3884	10·4
…	40·177	−31·097	− 2	46.3795	10·4
…	40·776	−42·904	− 1	46.3796	10·2
…	40·890	−31·867	− 5	…	…
…	+40·950	−46·818	− 3	46.3798	10·4
…	41·290	−25·055	− 3	…	…
*	41·349	−44·373	1·10	46.3799	9·4
…	41·357	−17·500	− 2	46.3797	10·4
…	41·379	+25·861	0·75	45.3886	10·2
381					
…	+41·465	+35·969	− 3	…	…
…	41·662	+20·941	− 2	45.3887	10·4
…	42·960	+ 1·467	− 5	…	…
*	43·745	+ 0·892	1·00	45.3888	9·6
…	44·086	+52·743	− 5	*a*	…
…	+44·156	+46·286	− 4	…	…
…	44·167	+ 2·160	− 4	45.3889	10·4
…	44·218	+34·785	− 4	*a*	…
‡	44·713	+54·299	1·30	44.3959	9·5
…	45·034	− 6·829	− 3	45.3890	10·4
391–437					
391	′	′		°	
*	+45·319	− 9·458	1·20	46.3800	9·5
…	45·517	−10·093	− 5	…	…
*	45·540	−56·525	2·00	46.3803	8·6
*	45·696	−15·271	1·00	46.3801	9·8
*	45·776	+57·716	1·60	44.3962	9·3
*	+45·935	−13·039	1·10	46.3802	9·6
…	46·033	+58·281	− 3	44.3964	10·2
…	46·058	+27·367	− 3	45.3891	10·4
…	46·637	−25·351	0·90	46.3804	9·8
*	47·442	+51·793	1·50	45.3892	9·2
401					
…	+48·017	−49·325	− 5	…	…
…	48·202	+21·494	− 3	45.3893	10·4
…	48·650	−29·811	− 5	…	…
*	48·719	−18·182	0·85	46.3807	10·0
*	48·742	−23·478	1·10	46.3809	9·6
…	+48·804	−43·291	− 2	46.3810	10·4
…	48·917	−13·186	− 4	…	…
…	49·154	−34·799	− 4	…	…
…	49·502	+11·647	− 3	…	…
…	49·745	−12·671	− 4	…	…
411					
…	+49·753	−21·493	− 5	…	…
…	49·853	−41·281	− 5	…	…
…	50·568	+ 2·185	0·75	45.3895	10·1
*	50·665	+18·925	1·90	45.3894	8·8
…	51·058	−56·721	− 3	46.3811	10·4
…	+51·059	+ 7·852	− 4	*e*	…
…	51·196	+18·220	− 4	45.3896	10·4
…	51·978	−32·919	− 5	…	…
*	52·807	+33·572	1·20	45.3897	9·6
*	53·094	+56·872	2·50	44.3979	8·6
421					
*	+53·208	+42·240	1·30	45.3898	9·6
…	53·385	+37·598	− 5	*e*	…
*	53·506	+57·373	1·20	44.3981	9·8
S *	53·735	−52·726	1·90	46.3813	8·8
…	53·914	+58·161	− 5	44.3983	10·4
…	+54·018	−16·129	0·90	46.3812	10·0
*	55·699	− 7·735	0·90	46.3814	9·9
…	55·925	−22·314	− 1	46.3815	10·4
…	56·272	−55·171	− 4	46.3817	10·2
…	56·325	+49·849	− 5	45.3899	10·4
431					
…	+56·817	+ 8·379	− 3	…	…
…	57·470	−45·304	− 2	46.3819	10·2
…	57·662	−29·232	0·85	46.3818	10·1
…	57·935	+55·784	− 3	44.3989	10·0
*	59·002	+23·297	0·95	45.3901	10·0
S *	+59·018	+40·050	2·10	45.3900	8·8
†	59·548	+30·326	− 5	*e*	…

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
1-60					
1	′	′		°	
†	−59·825	+14·350	− 5	B	...
...	59·023	+27·173	− 2	45.3891	10·4
...	58·984	− 7·044	− 1	...	...
...	58·617	+ 2·621	− 5	M	...
*	58·597	− 9·656	1·40	46.3800	9·5
*	−58·392	+51·632	2·00	45.3892	9·2
...	58·384	−10·279	− 5	...	...
*	58·053	−15·450	1·35	46.3801	9·8
*	57·872	−13·220	1·40	46.3802	9·6
...	57·198	−40·289	− 5	...	...
11					
...	−56·970	−13·081	− 5	...	...
*	56·901	−56·704	3·00	46.3803	8·6
*	56·775	−25·505	1·00	46.3804	9·8
...	56·687	−12·494	− 5	...	...
...	56·685	+21·373	− 1	45.3893	10·4
...	−56·016	−21·887	− 5	...	...
...	55·086	+11·572	0·65	...	...
*	54·929	−18·266	1·00	46.3807	10·0
†	54·891	−13·275	− 4	...	...
*	54·748	−23·550	1·20	46.3809	9·6
21					
†	−54·652	−29·896	− 4	...	...
...	54·637	−49·434	− 5	...	...
*	54·157	+18·870	2·00	45.3894	8·8
...	54·092	−12·737	− 4	...	...
...	54·074	−43·368	− 1	46.3810	10·4
†	−53·968	−34·860	− 4	...	...
...	53·805	−21·557	− 2	...	...
...	53·752	+18·180	− 5	M	...
*	53·724	+ 2·146	1·00	45.3895	10·1
...	53·618	+18·186	− 3	45.3896	10·4
31					
...	−53·416	+ 7·822	− 3	E	...
...	53·078	−41·340	− 4	...	...
...	53·030	+19·512	− 4	M	...
*	52·910	+56·860	3·00	44.3979	8·6
...	52·528	+57·382	1·20	44.3981	9·8
*	−52·473	+33·579	1·30	45.3897	9·6
*	52·349	+42·251	1·20	45.3898	9·6
...	52·262	+56·804	− 5	M	...
...	52·147	+58·184	− 5	44.3983	10·4
...	52·030	+37·634	− 5	E	...
41					
...	−51·389	−56·723	− 4	46.3811	10·4
...	51·221	−32·892	− 4	...	...
...	50·705	+17·330	− 5	M	...
...	50·208	+37·078	− 5	M	...
...	50·001	+ 6·156	− 3	...	...
...	−49·814	−34·542	− 5	...	...
*	49·697	−16·039	1·30	46.3812	10·0
...	49·468	+49·972	− 3	45.3899	10·4
...	49·021	−13·454	− 5	M	...
S *	48·830	−52·645	2·45	46.3813	8·8
51					
...	−48·698	−43·446	− 5	M	...
...	48·564	+ 7·721	− 5	M	...
*	48·283	− 7·604	1·20	46.3814	9·9
...	48·272	+ 2·701	− 5	M	...
...	48·251	−47·363	− 5	...	...
...	−48·039	+55·941	0·95	44.3989	10·0
...	48·024	+13·936	− 5	M	...
*	47·695	+ 8·525	1·00	...	...
*	47·606	−22·175	1·05	46.3815	10·4
...	46·668	−17·579	− 4	...	...
61-120					
61	′	′		°	
S *	−46·465	+40·244	2·50	45.3900	8·8
...	46·234	−55·002	− 1	46.3817	10·2
*	45·957	+23·510	1·20	45.3901	10·0
*	45·642	−29·021	1·20	46.3818	10·1
...	45·609	+30·544	− 1	E	...
...	−45·598	+55·407	− 3	M	...
...	45·326	−45·108	1·10	46.3819	10·2
‡	44·931	+31·969	1·40	45.3902	9·6
...	44·703	+12·737	− 5	M	...
...	44·655	+36·131	− 3	M	...
71					
...	−44·507	+56·656	− 5	M	...
...	44·059	+16·276	0·80	45.3904	10·4
*	43·911	+18·362	1·10	45.3903	10·2
...	43·767	−40·060	− 5	...	...
...	43·336	+ 1·257	− 5	M	...
...	−43·281	−41·273	− 5	...	...
...	43·199	+22·228	− 4	M	...
...	43·160	+58·789	− 5	M	...
...	43·150	+58·540	− 5	M	...
...	43·117	−41·254	− 1	46.3820	10·4
81					
*	−43·019	+24·242	1·35	45·3905	9·8
...	42·921	+54·598	− 2	B	...
...	42·883	+53·068	− 4	M	...
...	42·741	+ 9·345	− 5	M	...
...	42·555	+ 5·274	0·65	A	...
...	−42·276	−53·626	− 4	...	...
*	42·104	+47·170	2·20	45.3906	9·0
*	41·976	− 7·900	1·40	46.3822	9·3
*	41·861	− 7·592	2·00	46.3823	9·2
...	41·717	+ 6·345	− 2	A	...
91					
*	−41·606	−55·149	1·40	46.3821	9·8
*	41·567	− 3·284	1·20	45.3907	10·0
*	41·537	+26·357	1·20	45.3908	9·9
...	41·067	+46·370	− 4	M	...
...	40·805	−47·809	− 3	...	...
...	−40·701	− 8·221	1·00	46.3824	10·2
*	40·600	+10·179	1·40	45.3909	9·6
*	40·521	+31·735	1·00	45·3910	10·2
*	40·434	+49·707	1·20	45.3911	10·2
*	40·366	−21·853	1·40	46.3825	9·8
101					
...	−40·355	−35·068	− 4	...	...
...	40·311	+48·758	− 5	M	...
‡	39·582	−19·819	1·00	46.3826	10·2
...	39·177	+15·473	− 5	M	...
...	39·038	−37·795	− 1	...	...
...	−38·850	− 8·297	− 5	M	...
...	38·820	−27·568	− 1	...	...
...	38·526	− 7·245	0·65	...	...
...	38·512	+35·242	− 5	M	...
...	38·280	−53·466	− 5	...	...
111					
*	−38·189	−30·546	1·00	46.3827	10·4
...	37·858	−50·466	− 5	...	...
*	37·850	+25·708	1·00	45.3912	10·1
...	37·759	− 2·724	0·80	...	...
...	37·727	+38·972	− 1	45.3913	10·4
...	−37·713	+31·862	− 5	M	...
...	37·395	− 9·534	− 4	M	...
...	37·260	− 0·664	− 5	M	...
*	36·950	−39·925	1·40	46.3828	9·8
...	36·914	+48·457	− 5	M	...
121-180					
121	′	′		°	
...	−36·643	+12·584	− 2	B	...
	36·497	−46·035	− 4	...	...
*	36·447	+ 3·888	1·10	45.3914	9·6
*	36·272	−24·372	1·00	46.3830	10·1
*	35·997	+14·892	1·00	45.3915	9·8
*	−35·702	+53·461	2·90	44.4012	8·8
*	35·604	+48·262	1·30	45.3916	9·9
*	35·418	−51·538	2·00	46.3831	9·4
...	35·324	−26·597	− 1	...	...
...	35·117	− 7·131	0·65	...	...
131					
...	−35·022	−14·682	− 4	M	...
...	34·772	+26·800	0·70	...	...
...	34·701	+46·359	− 4	M	...
*	34·331	+12·888	1·00	45.3917	9·8
...	34·299	+51·058	− 1	45.3918	10·2
...	−34·286	−10·388	0·65	...	...
*	34·093	−13·579	1·00	46.3832	9·9
...	33·845	+38·986	− 5	M	...
*	33·832	−14·222	1·00	46.3833	10·1
...	33·812	−45·994	− 5	M	...
141					
...	−33·785	+34·809	0·95	...	...
...	33·677	+ 7·634	− 3	M	...
*	33·603	−10·452	1·40	46.3834	9·8
...	33·457	+39·140	1·00	45.3919	10·4
...	33·337	+27·961	− 5	M	...
*	−33·171	+17·618	1·00	45.3920	10·2
...	33·159	+55·411	− 5	M	...
...	33·067	+ 4·701	0·65	B	...
...	32·891	+13·849	− 5	M	...
*	32·886	−20·832	1·00	46.3835	10·2
151					
...	−32·857	−31·426	− 1	...	...
...	32·525	+56·679	− 5	M	...
...	32·291	−55·639	− 5	...	...
*	32·153	−51·936	1·00	46.3836	9·9
...	32·102	−42·713	− 1	46.3837	10·4
...	−31·845	+49·530	− 5	M	...
...	31·797	+30·962	− 5	M	...
*	31·741	−42·309	1·00	46.3838	10·2
...	31·590	−57·783	− 1	46.3839	10·2
...	31·540	−23·981	− 5	...	...
161					
*	−31·523	+49·581	1·25	45.3921	9·6
...	31·354	−33·676	1·00	46.3841	10·4
...	31·150	−38·288	1·00	46.3842	10·2
...	31·032	+40·145	− 3	...	...
*	31·013	−52·952	2·00	46.3843	9·3
...	−31·012	+ 5·310	0·70	A	...
...	30·801	+ 0·582	0·95	...	...
...	30·759	+50·494	− 1	45.3922	10·2
*	30·583	+43·808	1·00	45.3923	10·0
...	30·546	−38·557	− 1	...	...
171					
...	−30·517	−35·412	− 5	M	...
...	30·322	+30·237	− 2	B	...
...	30·318	+51·624	− 1	45.3924	10·4
†	30·207	+39·841	− 2	A	...
*	29·777	+42·117	1·40	45.3925	9·6
*	−29·707	+40·282	1·40	45.3926	9·4
...	29·469	−19·323	0·90	...	...
...	29·355	−54·356	− 1	...	...
...	29·352	+24·781	− 4	M	...
*	29·220	−19·469	1·30	46.3844	9·8

L measured from 1, 103, 274, 468, 735, 947.
C ,, ,, 46, 175, 373, 586, 852, 1049.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−1.	No.	Mag.
181-240					
181					
*	−29·116	− 4·461	1·20	45.3927	9·9
S *	29·074	+17·241	2·30	45.3928	8·8
...	29·033	+25·330	− 3	M	...
*	29·027	−30·314	1·10	46.3845	10·2
...	28·977	+ 6·086	− 4	M	...
*	−28·876	−46·484	1·20	46.3846	10·0
...	28·842	+55·763	− 4	M	...
...	28·636	−29·151	0·95	...	...
...	28·588	+18·670	− 1	A	...
*	28·297	−47·316	1·40	46.3847	9·8
191					
...	−28·287	+55·685	− 5	M	...
...	28·246	− 0·695	0·95	45.3929	10·4
...	27·909	− 3·390	0·80	...	...
...	27·874	−51·992	− 2	...	...
...	27·745	+56·226	− 1	A	...
...	−27·717	− 9·551	− 5	M	...
...	27·633	+59·635	− 5	M	...
...	27·394	−17·727	0·70	...	...
...	27·376	−40·186	0·95	...	...
...	27·332	+52·162	− 5	M	...
201					
...	−27·040	+47·104	1·00	...	...
...	26·973	−39·173	− 3	...	...
...	26·929	−23·295	− 5	M	...
...	26·802	+57·886	− 5	M	...
*	26·641	+ 4·241	2·50	45.3930	8·6
...	−26·607	−16·846	0·90	...	...
...	26·577	+38·980	− 5	M	...
...	26·554	−41·632	1·00	46.3848	10·4
...	26·552	+23·555	0·70	...	...
...	26·549	+29·274	0·65	A	...
211					
...	−26·233	−39·438	− 4	...	...
...	26·223	+ 4·707	0·70	B	...
*	26·215	+ 7·297	1·00	45.3931	10·2
...	26·170	− 7·031	− 3	...	...
...	26·020	+38·102	− 3	M	...
...	−25·996	+41·990	− 4	M	...
...	25·969	+36·527	− 5	M	...
...	25·946	+19·813	0·70	...	...
...	25·882	+30·647	− 4	M	...
...	25·826	−42·973	− 1	...	...
221					
...	−25·374	+35·643	− 5	M	...
...	25·238	−35·465	1·00	46.3849	10·4
...	25·166	−27·388	− 4	M	...
...	25·141	+36·443	− 4	M	...
†	24·981	− 1·065	− 5	M	...
*	−24·598	+40·675	1·25	45.3932	9·8
...	24·491	+52·734	0·90	45.3934	10·4
...	24·488	+19·145	− 4	M	...
*	24·383	+23·669	1·40	45.3933	9·5
*	24·272	−59·083	1·25	46.3850	9·8
231					
*	−24·203	+24·449	1·00	45.3935	10·2
...	23·941	+50·881	− 5	M	...
...	23·886	+ 7·624	− 5	M	...
...	23·745	+11·578	0·70	...	...
*	23·632	+11·512	1·40	45.3936	9·4
...	−23·601	+42·262	− 1	A	...
...	23·329	+30·340	− 5	M	...
†	23·297	+39·951	− 3	M	...
...	23·290	+21·954	− 2	M	...
...	23·282	+41·765	0·95	45.3937	10·4
241-300					
241					
...	−23·224	+23·350	− 5	M	...
...	23·105	−34·688	− 1	...	...
*	22·786	−13·776	1·20	46.3852	10·0
*	22·772	+31·454	1·20	45.3938	10·0
...	22·725	+48·037	− 5	M	...
...	−22·423	−19·405	− 3	M	...
...	22·419	−48·228	− 1	...	...
*	22·380	− 3·730	2·00	45.3939	9·0
...	22·265	+ 0·871	− 5	M	...
...	22·199	+28·329	0·65	A	...
251					
...	−21·988	+26·479	− 4	M	...
...	21·945	+32·107	0·65	B	...
...	21·923	+55·898	− 3	M	...
...	21·864	+14·242	− 2	M	...
*	21·632	+30·621	1·00	45.3940	10·4
...	−21·609	− 3·398	− 5	M	...
...	21·379	+44·833	− 5	M	...
*	21·314	− 2·882	1·20	45.3941	10·1
...	21·260	+ 6·564	− 4	M	...
...	21·250	−15·022	0·80	...	...
261					
...	−21·081	+ 5·678	− 1	B	...
...	21·008	−31·408	− 1	...	...
*	21·006	−51·428	1·40	46.3854	9·8
*	20·947	−32·677	1·20	46.3855	9·8
...	20·629	+23·952	− 1	B	...
...	−20·576	− 3·900	− 3	M	...
...	20·312	+ 5·192	− 2	M	...
...	20·312	−34·998	− 5	M	...
...	20·201	+34·364	− 5	M	...
...	20·155	+56·981	− 2	M	...
271					
S ‡	−20·092	+27·520	2·10	45.3942	8·8
...	20·084	+28·343	− 2	M	...
†	20·034	+10·246	− 4	M	...
†	19·901	−33·784	− 5	...	...
...	19·850	+47·478	− 5	M	...
...	−19·621	+58·986	− 5	M	...
...	19·613	−17·767	− 5	M	...
...	19·165	+52·573	− 3	M	...
...	19·129	+22·653	0·65	A	...
*	19·043	+55·314	2·00	44.4047	9·3
281					
...	−18·880	− 3·280	− 4	M	...
...	18·820	+57·461	1·05	44.4048	10·0
...	18·795	+29·783	− 5	M	...
...	18·727	−48·436	− 5	...	...
...	18·686	−36·673	− 5	...	...
...	−18·683	−29·189	− 3	...	...
...	18·628	+26·238	− 5	M	...
	18·601	−16·027	0·95	46.3856	10·4
...	18·575	+12·955	− 5	M	...
...	18·557	−37·759	1·00	46.3857	10·4
291					
...	−18·481	+58·466	− 5	M	...
...	18·445	+16·788	− 3	M	...
...	18·287	+26·982	− 3	M	...
...	18·172	+37·390	− 3	M	...
S *	18·136	−11·922	2·05	46.3858	9·0
*	−18·078	−38·681	1·40	46.3859	9·8
...	18·004	−21·565	0·90	...	...
*	17·901	−29·456	1·30	46.3860	9·8
*	17·897	+ 4·387	2·10	45.3943	9·0
...	17·878	−37·284	− 2	...	...
301-360					
301					
...	−17·554	+28·803	− 5	M	...
...	17·514	−10·004	− 5	M	...
...	17·427	+57·039	− 5	M	...
...	17·350	+46·263	− 5	M	...
...	17·301	−28·942	0·90	...	...
...	−17·050	+35·120	− 3	M	...
‡	17·019	+59·822	1·60	44.4051	9·4
...	16·811	+20·561	− 2	M	...
*	16·783	−22·691	1·00	46.3861	10·1
...	16·719	+43·424	− 3	M	...
311					
*	−16·595	+47·089	1·00	45.3944	10·4
...	16·450	+21·359	− 5	M	...
...	16·416	−58·727	− 5	...	...
*	16·212	+33·247	1·00	45.3945	10·2
*	15·827	+ 9·599	1·00	45.3946	10·4
...	−15·717	−41·446	0·90	...	...
...	15·532	+33·653	− 2	...	...
...	15·433	− 0·388	0·70	...	...
...	15·331	+ 5·972	− 4	M	...
...	15·120	+11·695	0·90	...	...
321					
†	−14·941	−59·350	− 5	...	...
...	14·514	− 6·834	− 3	...	...
...	14·472	+ 6·672	0·70	...	...
...	14·120	−49·468	− 5	...	...
...	14·037	−20·345	0·90	...	...
*	−13·945	− 6·567	1·00	45.3947	10·0
*	13·841	−23·252	1·00	46.3863	10·2
...	13·800	+46·787	− 5	M	...
...	13·755	−19·111	0·70	...	...
...	13·742	−44·041	− 4	...	...
331					
S *	−13·513	−24·538	2·65	46.3864	8·4
...	13·486	+46·954	− 5	M	...
...	13·340	+28·921	− 5	M	...
...	13·290	+17·685	− 5	M	...
...	13·251	+34·843	0·80	...	...
...	−13·143	+58·488	− 5	M	...
*	13·138	+15·496	2·00	45.3948	9·2
...	13·104	+54·615	− 4	...	...
...	13·098	+53·670	− 5	M	...
...	13·048	+18·836	− 4	M	...
341					
...	−12·593	−35·838	− 5	...	...
*	12·423	−48·639	1·05	46.3865	10·0
...	12·371	+46·166	− 5	M	...
...	12·267	+18·168	0·85	...	...
*	12·263	+15·936	0·95	45.3949	10·1
...	−12·245	+35·445	− 3	M	...
...	12·199	+16·868	− 2	M	...
...	12·121	+24·764	0·80	...	...
...	12·092	−34·728	− 3	...	...
...	12·090	+43·757	− 1	...	...
351					
...	−11·996	+32·680	− 5	M	...
†	11·553	+54·901	− 4	...	...
...	11·545	+30·485	0·75	...	...
...	11·531	+52·946	− 1	45.3950	10·4
*	11·498	−32·632	1·10	46.3866	9·8
...	−11·469	+59·146	− 1	...	...
...	11·375	−53·597	1·00	46.3867	10·1
*	11·194	−31·522	1·00	46.3869	10·4
...	10·935	+25·156	0·80	...	...
*	10·815	−22·349	1·00	46.3870	10·4

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
361-420					
361					
...	−10·709	+39·718	− 4	M	...
...	10·499	+51·830	− 2	45.3951	10·4
...	10·497	+22·863	− 3	M	...
...	10·495	+40·830	− 5	M	...
...	10·464	−51·172	1·00	46.3871	10·2
*	−10·462	+41·016	1·15	45.3952	9·9
...	10·402	− 7·371	− 3	M	...
...	10·246	+18·218	− 3	M	...
...	10·210	+40·673	− 2	...	...
*	10·156	+44·098	1·10	45.3953	10·0
371					
‡	−10·104	−47·153	1·25	46.3872	9·6
†	10·068	+43·908	− 5	M	...
*	9·952	+30·627	0·90	...	...
*	9·753	+ 1·232	1·25	45.3954	9·8
*	9·712	−31·673	1·30	46.3873	9·8
...	− 9·673	+27·233	− 3	M	...
...	9·642	+27·582	0·80	...	...
†	9·544	−54·851	− 5	...	...
...	9·509	+24·255	− 1	...	...
...	9·202	+49·522	− 4	M	...
381					
...	− 9·201	−52·240	1·05	46.3874	10·2
*	9·136	+ 8·790	1·30	45.3955	9·8
...	9·127	+30·616	− 5	M	...
...	9·114	+55·755	− 1	...	...
*	9·032	+33·268	1·20	45.3956	10·1
...	− 8·952	+21·632	0·70	...	...
†	8·948	+44·855	− 5	M	...
*	8·857	+32·026	1·20	45.3957	10·2
*	8·753	+15·723	1·00	...	...
...	8·621	−35·433	0·90	...	...
391					
...	− 8·415	+28·690	− 5	M	...
...	8·130	−20·320	− 4	M m	...
...	8·063	+58·208	− 5	M	...
...	7·792	− 9·416	− 4	M m	...
...	7·791	−30·466	− 4	M m	...
...	− 7·766	+27·135	1·00	45.3958	10·4
...	7·673	+56·579	− 5	M	...
...	7·620	+59·283	− 5	M	...
*	7·574	+32·807	1·00	...	...
...	7·561	+41·923	− 3	M	...
401					
...	− 7·424	−21·011	− 4	M m	...
...	7·355	−38·776	0·70	...	...
*	7·316	−33·799	1·00	46.3875	10·4
...	7·256	+30·341	− 5	M	...
...	7·104	+41·009	− 3	M	...
...	− 6·902	+56·885	− 5	M	...
...	6·882	+18·167	− 2	M m	...
*	6·780	−39·653	1·00	46.3876	10·4
...	6·685	+14·446	− 5	M m	...
*	6·685	−45·554	1·40	46.3877	9·8
411					
...	− 6·614	−42·006	0·70	...	...
*	6·439	+15·990	1·40	45.3959	9·5
...	6·258	+59·625	− 5	M	...
*	5·766	+22·871	1·35	45.3960	9·8
...	5·732	+34·751	0·70	...	...
*	− 5·642	+16·406	1·25	45.3961	9·8
...	5·609	+32·473	− 2	M m	...
†	5·531	+49·874	− 4	M m	...
*	5·458	−10·213	1·15	46.3878	10·0
†	5·433	+29·897	0·70	...	...
421-480					
421					
...	− 5·405	+45·199	− 5	M m	...
...	5·312	+30·848	− 4	M m	...
...	5·281	+38·652	− 4	M m	...
*	5·232	+21·050	1·30	45.3962	9·8
...	5·202	−55·768	− 5	m	...
...	− 5·195	+27·880	− 5	M m	...
...	4·684	+29·435	0·85	...	...
*	4·609	+ 5·783	1·00	45.3963	10·2
...	4·596	+41·118	− 3	M m	...
...	4·593	+50·012	− 5	M m	...
431					
...	− 4·488	+53·154	− 5	M m	...
*	4·467	−25·762	1·15	46.3879	10·1
...	4·410	−24·301	0·90	46.3880	10·4
...	4·370	+17·563	0·70	...	...
*	4·311	+58·911	1·40	44.4077	9·8
...	− 4·122	+18·937	− 4	M m	...
...	3·947	+ 8·365	− 5	M m	...
...	3·854	+38·444	0·70	...	...
...	3·622	−57·389	− 5	m	...
...	3·551	+41·120	− 4	M m	...
441					
...	− 3·392	+28·145	− 4	M m	...
...	3·361	− 3·438	− 4	M m	...
...	3·313	−58·253	− 5	m	...
*	3·219	+28·625	1·20	45.3964	10·0
...	2·852	+26·810	0·70	...	...
...	− 2·586	+38·442	− 5	M m	...
...	2·404	−42·417	0·90	...	...
...	2·398	+24·566	− 5	M m	...
*	2·370	+24·725	1·20	45.3965	10·0
...	2·156	+33·040	− 2	M m	...
451					
*	− 1·952	−14·843	1·20	46.3881	10·0
...	1·921	−17·470	− 4	...	...
...	1·771	−47·863	− 4	M m	...
...	1·145	+54·345	− 4	M m	...
*	1·067	+ 5·231	1·30	45.3966	9·8
...	− 0·978	+45·236	− 1	...	...
...	0·898	+40·020	− 5	M m	...
...	0·773	+11·557	− 4	M m	...
...	0·651	+31·002	− 5	M m	...
...	0·613	−27·897	− 5	M m	...
461					
*	− 0·594	+43·876	2·30	45.3967	8·8
...	0·571	− 9·517	− 1	M	...
...	0·529	−22·164	− 5	M m	...
*	0·299	−10·059	1·15	46.3882	10·1
...	0·203	+46·415	− 1	...	...
*	− 0·105	+19·331	− 5	M m	...
†	− 0·071	−27·097	− 4	M m	...
...	+ 0·233	−10·556	0·70	...	...
*	0·345	+47·634	1·10	45.3968	9·9
*	0·377	+48·624	1·05	45.3969	10·0
471					
...	+ 0·469	−23·595	0·90	46.3883	10·2
...	0·529	−34·791	− 3	...	...
...	0·552	+25·420	− 5	M m	...
...	0·596	−10·526	0·90	...	...
...	0·763	+45·164	− 4	...	...
*	+ 0·843	+ 2·186	1·50	45.3970	9·5
...	0·845	−34·024	− 3	M	...
*	1·326	+26·460	1·00	45.3971	10·0
†	1·331	+54·839	− 1	44.4090	10·4
...	1·342	+ 1·880	0·65	B m	...
481-540					
481					
*	+ 1·420	− 0·407	1·35	45.3972	9·6
...	1·616	+35·654	− 4	M m	...
...	1·690	−12·714	− 4	M m	...
...	1·720	+37·613	− 2	...	...
...	1·752	+ 0·399	0·65	δ δ	...
...	+ 1·809	+36·415	− 3	M	...
...	1·947	−53·705	− 5	...	...
...	2·253	− 0·189	− 5	M m	...
...	2·385	+ 6·653	0·85	m	...
*	2·429	+ 9·691	1·30	45.3973	9·6
491					
...	+ 2·467	−11·182	− 5	M m	...
...	2·523	+23·761	− 4	M m	...
...	2·527	− 8·802	− 2	M a	...
...	2·538	−28·554	− 5	M m	...
*	2·612	+55·412	1·10	44.4092	10·1
...	+ 2·674	+41·469	− 2	...	...
...	2·675	−54·694	− 5	M m	...
...	2·704	+12·111	− 4	M m	...
*	2·854	+10·214	1·50	45.3974	9·4
...	2·907	+38·257	− 4	M m	...
501					
*	+ 2·970	−21·645	1·15	46.3885	9·6
...	3·180	+33·000	− 5	M m	...
N [	3·290	− 0·166	0·95	45.3975	10·4
...	3·322	−25·441	0·95	46.3886	10·4
...	3·340	−13·545	− 3	M m	...
...	+ 3·414	+38·555	− 5	M m	...
...	3·417	+33·750	0·65	...	...
*	3·420	−47·865	1·15	46.3887	9·9
...	3·558	−38·101	0·65	...	...
*	3·582	+57·836	1·35	44.4098	9·6
511					
...	+ 3·660	−37·645	− 4	...	...
...	3·675	−21·942	− 2	m	...
...	3·820	+39·076	− 4	M m	...
...	3·824	−42·957	− 2	...	...
...	4·078	+21·037	− 5	M m	...
...	+ 4·084	+41·728	− 5	M m	...
...	4·103	+47·047	− 5	M m	...
...	4·242	−20·069	0·95	46.3888	10·4
...	4·243	+ 4·553	− 5	M m	...
...	4·306	−57·736	− 5	M	...
521					
*	+ 4·318	+28·215	1·20	45.3976	9·8
...	4·335	−45·665	− 4	...	...
*	4·398	−37·648	2·00	46.3890	9·2
...	4·436	−21·024	− 4	m	...
...	4·536	−17·765	− 3	m	...
...	+ 4·679	+15·641	− 5	M m	...
...	4·692	+10·734	0·80	M	...
...	4·787	−23·206	− 2	m	...
...	4·833	−28·734	0·70	...	...
†	4·877	−39·554	− 4	...	...
531					
†	+ 4·931	−51·267	− 5	...	...
...	5·076	− 9·114	− 2	M a	...
...	5·140	+11·946	− 4	M m	...
...	5·268	+42·417	− 5	M m	...
...	5·407	−22·999	− 5	M m	...
...	+ 5·428	−32·283	− 3	m	...
...	5·465	+57·062	− 5	M	...
...	5·552	− 8·558	0·80	...	...
...	5·559	−23·382	− 1	...	...
*	5·647	−40·391	1·20	46.3892	9·6

503. Brighter of suspected double ; 47°·58, 47°·59, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. -1.	C.P.D. No.	C.P.D. Mag.
541-600					
541					
...	+ 5·818	− 9·091	− 5	M m	...
...	5·928	− 2·054	− 5	M m	...
...	6·059	− 1·278	0·95	45.3977	10·2
...	6·254	+52·369	− 5	M	...
...	6·579	−28·806	− 5	M m	...
...	+ 6·972	+41·165	− 2	M	...
†	7·049	+39·913	− 5	m	...
...	7·193	− 4·646	− 5	M m	...
...	7·446	+14·090	− 4	m	...
...	7·536	+56·750	− 3	...	...
551					
...	+ 7·653	+31·121	− 4	m	...
*	7·669	+41·947	1·00	45.3978	9·9
...	7·781	+31·385	− 2	...	...
...	7·873	+30·685	− 4	m	...
...	7·924	−13·708	− 5	m	...
...	+ 8·064	− 9·600	− 5	m	...
*	8·157	+ 9·717	1·00	45.3979	10·4
...	8·425	−15·053	0·95	46.3894	10·4
†	8·475	+34·927	0·85	45.3980	10·4
†	8·478	−54·765	− 5	...	...
561					
...	+ 8·505	−23·632	− 3	m	...
...	8·517	−45·273	− 3	...	...
...	8·620	+20·906	0·90	45.3981	10·4
...	8·640	−23·685	0·85	46.3895	10·2
n *	8·703	+ 1·930	1·00	45.3982	9·4
...	+ 8·722	−28·849	0·90	46.3896	10·4
n *	8·890	+ 1·830	1·40	45.3982	9·4
...	8·943	− 6·452	0·70	...	...
...	9·044	+38·846	− 5	m	...
...	9·052	+31·720	− 5	m	...
571					
...	+ 9·083	− 0·751	− 2	a	...
...	9·097	+23·351	0·70	...	...
...	9·158	+14·031	− 4	m	...
...	9·174	+47·727	− 5	...	...
...	9·185	−44·273	− 3	...	...
...	+ 9·214	−32·101	− 3	...	...
...	9·276	+14·156	0·65	...	...
*	9·400	+15·474	1·00	45.3983	10·4
...	9·498	+30·324	− 5	m	...
...	9·613	−43·922	− 3	...	...
581					
...	+ 9·625	+48·337	− 4	...	...
*	9·741	+29·279	1·00	45.3984	9·8
...	9·794	+47·161	− 5	m	...
*	9·805	+45·542	1·00	45.3985	10·2
†	9·930	+39·392	− 1	...	...
†	+ 9·980	− 3·687	− 4	m	...
†	9·990	+29·877	1·00	45.3986	10·0
...	10·039	+ 5·272	0·65	d	...
...	10·151	+33·010	0·65	...	...
...	10·158	+13·817	− 5	m	...
591					
...	+10·195	+56·483	− 5	...	...
...	10·326	+25·015	− 5	m	...
...	10·365	+11·037	− 5	m	...
...	10·558	+13·641	0·75	...	...
*	10·614	− 5·660	1·50	45.3987	9·3
...	+10·657	−26·370	− 4	m	...
*	10·691	− 9·353	1·20	46.3897	9·9
*	10·704	+12·194	1·25	45.3988	10·0
...	10·718	−18·336	− 5	m	...
...	10·751	− 4·736	0·90	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. -1.	C.P.D. No.	C.P.D. Mag.
601-660					
601					
...	+10·837	+53·159	− 4	...	...
†	11·004	+10·038	0·90	...	...
...	11·012	+55·852	− 4	...	...
...	11·015	−20·093	− 2	a	...
*	11·085	−15·737	1·40	46.3898	9·8
...	+11·193	−23·653	− 1	...	...
...	11·401	+ 4·369	− 4	m	...
...	11·403	−29·642	0·95	...	...
...	11·519	−47·821	− 2	...	...
...	11·596	−51·671	− 4	...	...
611					
...	+11·631	+28·229	0·80	...	...
...	11·642	+17·990	− 4	m	...
...	11·821	+37·699	0·65	45.3989	10·4
...	11·855	+23·506	− 4	m	...
...	11·859	+35·072	− 5	m	...
...	+12·116	+16·336	− 5	m	...
...	12·160	+ 3·333	0·80	...	...
...	12·162	+19·425	− 5	m	...
...	12·164	−43·047	− 3	...	...
...	12·199	+19·010	0·95	...	...
621					
...	+12·355	+28·308	− 3	m	...
S *	12·421	+17·803	2·00	45.3991	9·2
†	12·506	+39·877	− 5	m	...
...	12·526	−36·332	− 5	m	...
*	12·574	+34·071	1·60	45.3990	9·3
*	+12·587	− 7·406	1·30	46.3901	9·6
...	12·868	+47·287	0·90	45.3992	10·4
...	12·870	−48·757	− 4	...	...
*	12·908	−53·045	1·05	46.3902	10·4
†	12·978	−29·930	− 5	m	...
631					
...	+13·182	−20·408	− 4	m	...
S *	13·251	− 2·947	2·20	45.3993	8·8
...	13·283	−29·190	− 5	m	...
...	13·284	−39·092	− 2	...	...
...	13·318	−58·435	1·10	46.3903	10·4
...	+13·504	+32·304	0·90	45.3994	10·4
...	13·521	+22·730	− 5	m	...
*	13·565	+28·836	1·00	45.3995	10·4
...	13·747	+22·313	− 4	m	...
...	13·763	+27·104	− 4	m	...
641					
...	+13·787	−55·496	1·00	46.3904	10·1
...	13·827	+54·515	− 4	...	...
...	13·830	+47·189	− 2	...	...
*	13·938	+40·844	1·40	45.3996	9·8
*	13·967	+42·867	1·20	45.3997	9·9
...	+14·265	+39·036	− 5	...	...
*	14·295	+55·387	1·80	44.4127	9·6
...	14·375	−29·615	− 4	m	...
...	14·409	+55·868	− 4	...	...
*	14·438	−44·109	1·35	46.3905	9·9
651					
...	+14·531	+48·510	− 5	...	...
...	14·803	−46·041	− 3	...	...
...	14·822	−58·393	− 2	...	...
*	14·854	+58·278	1·40	44.4130	9·6
†	14·882	+22·122	− 2	...	...
†	+14·964	− 1·494	− 5	m	...
...	14·981	+23·676	− 4	m	...
...	15·101	+15·415	0·90	...	...
...	15·174	−26·803	− 5	m	...
...	15·241	+31·703	0·70	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. -1.	C.P.D. No.	C.P.D. Mag.
661-720					
661					
*	+15·365	−56·840	1·40	46.3906	9·8
...	15·427	+ 2·949	− 1	b	...
*	15·487	+ 6·672	1·00	45.3998	10·2
...	15·492	+35·066	− 3	...	...
...	15·518	−39·392	− 1	...	...
*	+15·572	−41·051	1·10	46.3908	10·4
...	15·581	−10·797	− 5	m	...
*	15·620	−37·722	1·05	46.3907	10·4
...	15·730	−11·941	0·70	...	...
...	15·841	−39·240	− 4	m	...
671					
*	+15·948	+18·579	1·40	45.3999	9·8
...	15·954	+ 6·795	− 3	m	...
*	16·034	− 8·604	1·30	46.3909	9·8
...	16·052	+23·298	− 4	m	...
...	16·072	+29·632	− 3	...	...
*	+16·141	+20·644	1·60	45.4000	9·4
...	16·271	+58·025	− 5	m	...
...	16·374	+ 0·467	0·70	b	...
...	16·496	−23·503	− 1	...	...
...	16·542	+44·443	− 2	...	...
681					
...	+16·619	− 6·426	− 3	m	...
†	16·637	−54·827	− 1	...	...
...	16·641	− 7·014	− 3	m	...
...	16·649	+ 4·328	− 5	m	...
...	16·737	+28·917	− 4	m	...
*	+16·749	−11·076	1·20	46.3910	9·9
...	16·842	−22·531	− 5	m	...
...	16·881	+50·511	0·80	...	...
...	16·923	−55·339	− 5	m	...
...	16·980	− 8·019	0·65	a	...
691					
...	+16·992	+44·784	0·90	...	...
...	17·005	+30·750	0·80	45.4001	10·4
...	17·113	− 9·585	− 5	m	...
...	17·297	− 7·062	0·85	...	...
...	17·408	− 3·468	− 4	m	...
...	+17·484	+46·397	− 2	...	...
*	17·611	+36·814	1·05	45.4002	10·2
...	17·806	+42·734	− 5	m	...
...	17·832	+32·435	− 5	m	...
*	17·879	+49·549	1·30	45.4003	10·0
701					
...	+17·891	+42·827	− 1	...	...
...	17·945	−53·904	− 1	...	...
...	17·948	−12·815	0·70	...	...
*	17·961	−20·408	1·35	46.3912	9·8
...	18·026	−10·416	0·90	...	...
...	+18·057	−16·666	0·80	...	...
...	18·094	+ 2·316	− 4	m	...
...	18·169	− 0·506	0·70	a	...
*	18·193	−55·767	2·00	46.3914	9·4
...	18·216	+31·218	− 1	...	...
711					
...	+18·266	+28·272	− 4	m	...
*	18·290	−18·902	1·00	46.3913	10·4
†	18·293	+19·926	− 3	...	...
*	18·325	+36·807	1·00	45.4004	10·4
...	18·403	+22·337	− 4	m	...
...	+18·414	+45·961	− 5	m	...
...	18·440	−11·786	− 5	m	...
...	18·532	− 9·709	− 5	m	...
...	18·575	+47·029	− 1	...	...
...	18·958	−27·401	0·65	...	...

565, 567. C.P.D., mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
721-780					
721	′	′		°	
S *	+19·012	+32·926	3·00	45.4005	8·2
...	19·080	+27·996	0·90	...	...
...	19·134	−41·218	1·00	46.3915	10·4
...	19·192	+24·884	− 3	*m*	...
...	19·211	−14·283	− 4	*m*	...
...	+19·237	−11·318	0·70	...	...
*	19·334	+38·351	1·05	45.4006	10·0
...	19·404	+10·250	0·70	*a*	...
...	19·413	+29·263	− 4	*m*	...
...	19·435	+21·360	0·75	...	...
731					
*	+19·622	− 3·479	1·00	...	...
...	19·658	−16·666	0·90	...	...
...	19·791	+37·982	− 1	...	...
†	19·872	+ 7·196	0·70	...	...
†	20·155	+54·849	− 5	...	...
...	+20·239	+23·022	− 1	...	...
*	20·284	−52·333	2·60	46.3916	8·6
...	20·314	+20·745	− 2	...	...
...	20·504	+31·750	− 2	...	...
...	20·531	−56·279	− 5	...	...
741					
...	+20·568	+ 8·766	− 5	*m*	...
...	20·775	+ 4·397	− 3	*m*	...
...	20·819	−31·933	− 5	...	...
...	21·089	−12·197	− 4	*m*	...
...	21·090	+18·641	− 5	*m*	...
...	+21·091	−35·389	1·00	46.3917	10·4
*	21·103	+32·777	2·00	45.4007	9·0
...	21·191	+52·030	− 5	...	...
*	21·447	+51·442	1·05	45.4008	10·2
...	21·460	−13·083	0·85	...	...
751					
...	+21·501	−49·285	− 4	...	...
...	21·713	+56·501	− 4	...	...
*	21·804	+55·719	1·80	44.4149	9·6
...	21·873	+39·146	− 4	...	...
†	21·943	+10·026	0·90	...	...
*	+ 22·051	+40·369	1·00	45.4009	10·4
...	22·177	+31·024	− 5	...	...
...	22·231	−23·068	− 3	...	...
...	22·337	−57·823	− 5	...	...
...	22·358	+33·163	0·70	...	...
761					
...	+22·395	+ 9·279	− 2	*m*	...
...	22·396	− 3·692	0·95	45.4010	10·2
S *	22·436	−47·161	2·20	46.3918	9·0
...	22·592	+39·679	− 3	...	...
*	22·640	+11·554	1·00	45.4011	10·2
...	+22·664	+37·530	− 5	*m*	...
...	22·720	+31·939	− 5	*m*	...
...	22·720	+14·824	0·75	...	...
...	22·766	−24·792	− 5	*m*	...
...	23·059	−15·772	0·70	...	...
771					
*	+23·070	−43·145	3·00	46.3919	8·5
...	23·100	+14·637	− 5	*m*	...
...	23·165	+47·341	− 5	...	...
...	23·178	+10·879	− 5	*m*	...
...	23·197	+10·182	0·90	...	...
...	+23·372	−17·192	− 3	...	...
...	23·428	+34·565	0·65	...	...
...	23·525	+52·337	− 4	...	...
...	23·576	+23·888	0·90	45.4012	10·4
...	23·581	+25·681	− 3	...	...
781-840					
781	′	′		°	
...	+23·652	+14·137	− 2	*m*	...
...	23·681	−54·951	− 4	...	...
...	23·690	− 1·978	− 5	*m*	...
...	23·695	+24·137	− 2	...	...
...	23·716	+17·710	− 5	*m*	...
...	+23·913	+ 4·500	0·70	...	...
...	23·923	+56·976	− 4	...	...
...	23·934	−31·071	− 2	...	...
...	23·979	+33·278	− 5	*m*	...
*	23·981	− 7·190	1·05	46.3920	10·0
791					
...	+23·990	−33·880	− 5	*m*	...
...	23·996	−55·185	− 5	...	...
...	24·030	+ 5·542	− 5	*m*	...
...	24·058	−20·707	− 4	*m*	...
* [	24·136	+32·430	1·60		
* [	+24·242	+32·563	3·00	45.4014	7·7
...	24·150	+15·776	0·90	...	...
...	24·158	−41·596	0·65	...	...
...	24·183	+57·007	− 5	...	...
‡	24·273	+44·889	1·00	45.4013	10·2
801					
...	+24·358	+34·656	− 5	*m*	...
*	24·419	−28·920	1·05	46.3921	9·9
...	24·523	+34·063	− 4	...	...
...	24·707	+26·120	− 5	*m*	...
...	24·778	−16·421	0·90	...	...
†	+24·851	−52·450	− 4	...	...
†	24·888	−40·029	− 3	...	...
...	25·098	−46·278	− 4	...	...
	25·170	+58·765	− 5	*m*	...
...	25·262	−14·450	− 5	*m*	...
811					
...	+25·400	−27·169	− 5	*m*	...
...	25·474	−29·358	− 3	...	...
*	25·667	−11·388	1·00	46.3922	10·2
...	25·678	+53·010	− 4	...	...
...	25·735	+13·947	− 5	*m*	...
...	+25·771	+ 3·705	0·70	...	...
...	25·888	+14·121	− 4	*m*	...
...	26·027	+ 5·614	− 4	*m*	...
...	26·156	−50·654	− 4	...	...
*	26·258	−12·124	1·00	46.3923	10·0
821					
...	+26·277	−53·808	− 4	...	...
†	26·281	+ 9·941	− 5	*m*	...
...	26·464	+58·731	− 5	...	...
*	26·527	−38·331	1·35	46.3924	9·8
...	26·575	− 7·449	− 5	*m*	...
*	+26·802	−41·764	1·00	46.3925	10·1
...	26·926	−17·183	0·85	...	...
*	27·013	−55·810	1·60	46.3926	9·6
‡	27·062	−54·802	1·60	46.3927	9·3
...	27·069	−23·683	− 5	*m*	...
831					
...	+27·318	+32·159	0·75	...	...
...	27·523	−44·089	− 2	...	...
...	27·580	+16·974	0·95	45.4015	10·4
...	27·848	+35·950	0·90	...	...
...	28·037	−25·967	− 3	...	...
...	+28·096	−42·764	− 3	...	...
*	28·183	−27·622	1·35	46.3928	9·8
...	28·672	−29·637	− 5	*m*	...
...	28·743	−23·529	− 4	...	...
...	28·788	−21·536	− 5	*m*	...
841-900					
841	′	′		°	
...	+28·911	− 8·582	− 5	*m*	...
*	29·000	+ 1·238	1·00	45.4017	10·2
...	29·068	−30·323	− 3	...	...
...	29·102	+18·118	− 5	*m*	...
...	29·307	+14·620	− 3	*m*	...
*	+29·388	+33·984	1·10	45.4016	9·9
...	29·459	−20·584	0·90	...	...
...	29·554	+22·298	− 5	*m*	...
...	29·608	+12·477	1·00	45.4019	10·4
†	29·798	+54·761	− 5	...	...
851					
‡	+29·803	+50·114	1·00	45.4018	9·9
†	29·884	+ 1·576	− 4	*m*	...
...	30·100	+56·504	− 4	...	...
...	30·161	−54·002	− 5	...	...
...	30·256	+22·816	0·65	...	...
*	+30·328	−46·480	1·15	46.3929	10·2
...	30·430	−52·311	− 2	...	...
...	30·626	+37·989	− 5	*m*	...
...	30·732	−42·170	− 5	*m*	...
...	30·934	+50·961	− 5	*m*	...
861					
...	+30·945	+35·580	− 1	...	...
*	31·003	− 7·751	1·00	46.3930	10·4
...	31·021	+20·634	− 3	*m*	...
†	31·208	−14·912	− 5	*m*	...
...	31·253	+17·667	− 1	...	...
...	+31·288	+ 0·432	− 4	*m*	...
...	31·319	− 0·491	− 5	*m*	...
...	31·337	+12·380	− 1	...	...
...	31·572	− 5·286	0·75	*a*	...
*	31·911	−35·734	1·40	46.3932	10·0
871					
...	+31·998	+35·001	0·90	...	...
...	32·065	+17·660	− 5	*m*	...
...	32·087	− 0·915	− 3	*m*	...
...	32·092	+29·776	− 5	*m*	...
...	32·190	+44·496	− 2	...	...
...	+32·208	+27·381	− 4	*m*	...
...	32·317	+26·165	− 5	*m*	...
...	32·357	− 2·534	− 3	*m*	...
...	32·361	−54·395	− 3	...	...
...	32·396	−18·654	0·70	...	...
881					
...	+32·553	+ 3·700	− 4	*m*	...
...	32·654	+57·175	− 5	...	...
...	32·840	−28·488	0·75	...	...
...	32·876	+47·583	0·67	...	...
...	33·001	+12·673	− 3	*m*	...
...	+33·002	−24·603	0·70	...	...
...	33·015	+19·813	− 2	...	...
*	33·016	+23·268	1·35	45.4020	9·8
...	33·281	+47·817	− 5	*m*	...
...	33·296	+49·341	0·85	...	...
891					
...	+33·411	−16·779	− 4	*m*	...
...	33·476	+51·906	− 4	*m*	...
...	33·484	−59·090	− 5	...	...
...	33·661	+33·184	− 3	...	...
...	33·773	−19·001	− 3	*m*	...
...	+33·865	−11·605	0·85	...	...
*	34·077	+34·590	1·25	45.4021	9·9
...	34·179	−19·749	0·80	...	...
...	34·272	−28·325	− 3	...	...
...	34·351	+ 9·563	− 5	*m*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
901-960					
901	′	′		°	
…	+34·353	−53·122	− 1	…	…
…	34·737	+34·306	− 2	…	…
…	34·916	+42·621	− 5	*m*	…
…	34·916	+17·144	− 3	*m*	…
…	34·920	+42·882	− 2	…	…
*	+35·139	−19·493	1·00	46.3935	10·4
*	35·159	+ 3·637	1·25	45.4022	10·0
…	35·183	−21·117	− 4	*m*	…
*	35·717	−58·255	1·60	46.3936	9·8
…	35·936	−15·766	− 1	…	…
911					
…	+36·046	+28·105	0·90	…	…
…	36·140	−51·272	1·20	46.3937	10·0
…	36·203	+26·290	0·85	…	…
…	36·219	+43·581	− 4	…	…
…	36·420	+54·109	− 4	*m*	…
…	+36·504	+30·011	− 1	…	…
…	36·746	+56·796	− 5	*m*	…
…	36·865	+41·895	− 3	…	…
*	37·413	− 5·173	1·10	45.4023	10·2
…	37·422	+41·314	− 5	*n*	…
921					
†	+37·490	−49·812	− 3	…	…
…	37·492	−53·735	− 1	46.3938	10·4
*	37·781	−53·695	1·35	46.3939	10·0
…	37·963	− 2·944	0·80	…	…
…	38·085	+25·042	− 5	*m*	…
†	+38·167	+10·034	− 5	*m*	…
*	38·171	+53·204	1·40	44.4191	10·0
…	38·241	53·807	− 1	46.3940	10·4
*	38·369	+44·452	1·40	45.4024	9·3
*	38·391	+41·229	1·50	45.4025	9·6
931					
*	+38·399	+56·703	1·35	44.4193	10·0
…	38·412	+23·597	− 5	*m*	…
*	38·582	−37·788	1·40	46.3941	9·8
…	38·584	+17·093	− 3	…	…
…	38·648	−13·569	0·70	…	…
…	+38·742	+30·722	− 3	*m*	…
*	38·760	+34·836	1·30	45.4026	9·8
…	38·942	+16·205	0·85	…	…
…	39·023	−30·726	− 5	*m*	…
…	39·023	−34·292	0·90	46.3942	10·4
941					
…	+39·116	−21·695	0·90	…	…
…	39·243	−37·149	− 1	…	…
…	39·315	+ 6·731	− 4	…	…
*	39·334	+ 0·141	1·50	45.4028	9·3
…	39·425	−17·355	− 5	*m*	…
‡	+39·760	+38·539	1·00	45.4027	10·0
†	39·892	+20·620	− 5	…	…
†	39·897	+ 1·323	− 4	*m*	…
…	39·997	+ 5·357	− 5	*m*	…
…	40·022	−24·338	− 5	*m*	…
951					
…	+40·047	+ 1·284	− 5	*m*	…
*	40·089	−10·876	1·30	46.3943	9·6
…	40·281	−57·246	− 5	…	…
…	40·447	− 2·280	− 5	*m*	…
…	40·472	−30·555	− 5	…	…
*	+40·626	−30·207	1·00	46.3944	10·2
…	40·676	+56·740	− 4	44.4196	10·4
…	40·843	+45·530	− 3	*b*	…
*	40·942	+19·750	1·00	45.4029	10·4
*	41·077	+11·664	1·00	45.4030	10·0
961-1020					
961	′	′		°	
…	+41·237	+ 4·189	0·90	…	…
*	41·274	−29·866	1·20	46.3945	9·9
…	41·415	−36·123	− 3	…	…
…	41·509	+47·885	− 4	…	…
…	41·527	− 4·341	0·70	…	…
*	+41·736	+ 6·503	1·05	45.4031	9·9
*	41·816	−44·362	1·20	46.3946	10·0
…	41·849	−13·250	− 5	*m*	…
…	41·947	−21·239	− 5	*m*	…
…	42·118	−41·901	− 1	…	…
971					
S ‡	+42·263	+54·808	1·70	44.4200	9·2
…	42·265	+38·341	− 4	…	…
…	42·291	+43·682	− 1	…	…
…	42·391	−35·704	− 5	…	…
…	42·405	+59·252	− 5	…	…
…	+42·469	+36·860	− 1	45.4034	10·4
N*	42·481	+39·109	1·30	45.4032	9·9
…	42·541	+33·596	− 5	*m*	…
*	42·607	−22·652	2·00	46.3947	9·5
…	42·619	+45·293	0·95	45.4033	10·4
981					
…	+42·635	+ 5·272	− 5	*m*	…
*	42·724	+ 7·007	1·10	45.4035	9·9
*	42·776	−25·201	1·05	46.3948	9·9
…	42·822	+43·034	− 5	*m*	…
…	42·969	+ 2·115	0·90	…	…
*	+42·975	−34·049	1·05	46.3950	10·0
…	43·000	−29·308	− 5	*m*	…
…	43·179	− 7·058	− 3	*m*	…
…	43·358	+21·899	− 5	*m*	…
…	43·399	−14·775	0·75	…	…
991					
*	+43·418	− 8·632	1·30	46.3949	9·8
…	43·427	−37·208	− 5	…	…
…	43·530	+42·308	− 5	…	…
…	43·724	−39·060	− 5	…	…
…	43·766	+28·203	− 2	…	…
…	+43·827	+45·005	− 5	*m*	…
…	43·869	−54·242	− 5	…	…
*	43·925	+55·052	1·40	44.4209	9·6
…	43·978	+29·146	− 5	*m*	…
…	44·039	+47·796	− 4	…	…
1001					
…	+44·040	+46·290	− 2	45.4036	10·4
…	44·176	+57·043	− 4	…	…
*	44·241	−36·350	1·00	46.3951	10·2
…	44·472	+38·918	− 5	*m*	…
†	44·868	+52·743	− 4	45.4037	10·4
…	+44·931	+57·693	− 4	44.4212	10·4
…	45·543	+28·758	− 5	*m*	…
…	45·548	+13·073	− 3	*m*	…
…	45·564	−17·252	0·95	…	…
*	45·571	+12·731	1·00	45.4038	10·2
1011					
S ‡	+45·666	− 4·808	2·90	45.4040	8·3
‡	45·668	+14·975	1·00	45.4039	9·8
…	45·775	+35·373	− 5	*m*	…
…	46·179	−28·015	− 2	…	…
†	46·432	−39·862	− 5	…	…
…	+46·440	+38·983	− 4	…	…
…	46·476	+ 1·785	− 5	*m*	…
*	46·481	+17·520	1·00	45.4043	10·4
…	46·568	−37·919	− 5	…	…
…	46·569	− 1·257	− 5	*m*	…
1021-1080					
1021	′	′		°	
…	+46·598	+29·531	− 4	…	…
*	46·625	+35·444	1·10	45.4041	10·1
…	46·653	+46·168	− 3	45.4042	10·4
…	46·992	− 0·875	− 3	*m*	…
*	47·023	+16·697	1·40	45.4045	9·8
*	+47·237	−17·001	1·00	46.3953	10·2
‡	47·255	+ 9·919	1·00	45.4048	10·0
†	47·338	−34·876	− 5	…	…
*	47·399	+48·470	1·20	45.4044	9·9
*	47·440	+ 0·272	1·30	45.4050	9·8
1031					
*	+47·482	+39·753	1·20	45.4046	9·8
*	47·521	+25·650	1·40	45.4049	9·6
…	47·729	+ 0·702	− 1	…	…
†	47·741	−39·847	− 1	46.3954	10·2
†	47·786	+44·955	− 1	45.4047	10·2
…	+47·838	+24·151	− 4	*m*	…
…	48·123	+ 4·329	− 2	…	…
…	48·201	+40·806	− 5	*m*	…
‡	48·337	+24·988	1·15	45.4051	9·6
…	48·843	+23·497	− 5	*m*	…
1041					
…	+48·976	−36·067	− 1	…	…
…	49·002	+26·015	− 4	…	…
…	49·084	+48·039	− 5	…	…
…	49·085	−42·879	− 4	…	…
…	49·464	+40·082	− 5	*m*	…
*	+49·479	+53·964	2·80	44.4220	9·0
…	49·633	+28·061	− 1	45.4052	10·4
…	49·654	+14·040	− 5	*m*	…
*	49·997	+49·074	1·30	45.4053	9·8
…	50·235	−16·790	− 2	…	…
1051					
…	+50·295	+12·126	0·80	45.4055	10·4
*	50·490	+17·781	1·20	45.4059	10·0
…	50·665	+47·246	− 1	45.4054	10·4
…	50·771	+22·703	− 4	*m*	…
*	50·889	+33·844	1·20	45.4056	10·0
*	+50·897	+38·823	1·50	45.4057	9·8
*	51·024	+39·679	1·30	45.4058	9·9
…	51·115	+15·082	− 5	*m*	…
*	51·149	−56·203	1·40	46.3956	9·8
…	51·190	−38·870	0·75	46.3955	10·4
1061					
…	+51·500	+ 6·589	− 4	*m*	…
…	51·539	−46·821	− 5	…	…
…	51·695	+45·277	− 5	…	…
…	51·706	+ 1·728	− 5	*m*	…
…	51·860	+21·795	− 4	*m*	…
…	+51·900	− 1·182	− 3	*m*	…
*	52·193	+50·570	1·40	45.4060	9·8
…	52·295	−51·915	0·95	46.3957	10·4
…	52·341	+ 5·756	− 5	*m*	…
…	52·352	−38·142	− 2	…	…
1071					
…	+52·419	+29·076	− 5	*m*	…
*	52·492	+30·971	1·60	45.4061	9·4
…	52·668	+30·528	− 2	…	…
…	52·847	+48·666	− 5	*m*	…
…	52·932	+22·394	− 5	*m*	…
…	+53·097	−38·760	− 2	…	…
*	53·103	+13·603	1·30	45.4062	9·8
…	53·108	+19·840	− 4	*m*	…
…	53·362	+29·830	− 1	…	…
N	53·364	−32·338	− 1	46.3958	10·4

977. Mass, 45°·59, two stars.
1080. Mass; 46°·60, mass; 47°·59, brighter of double.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
1081-1110					
1081				°	
...	+53′·390	−21′·187	− 3	...	...
...	53·467	+58·945	− 4	...	...
...	53·481	+38·339	− 5	*m*	...
...	53·624	+41·884	− 5	*m*	...
...	53·706	−21·429	− 5	*m*	...
...	+53·863	+50·656	− 3	...	...
*	53·879	− 8·450	1·20	46.3959	10·2
...	53·889	−42·029	− 4	...	...
...	54·317	+40·019	− 5	*m*	...
†	54·382	+10·067	− 5	*m*	...
1091					
*	+54·477	−15·860	1·10	46.3960	10·1
...	54·540	+30·835	− 5	*m*	...
‡	54·681	+14·954	1·40	45.4065	9·8
...	54·695	− 0·556	− 4	*m*	...
‡	54·799	−16·444	2·50	46.3961	9·0
†	+54·853	+ 6·161	− 5	*m*	...
*	54·933	+37·644	1·30	45.4063	9·9
...	54·962	−32·062	− 5	*m*	...
...	55·206	+50·368	− 1	45.4064	10·4
...	55·249	+36·903	− 5	*m*	...
1101					
*	+55·418	+28·914	1·30	45.4066	9·9
...	55·427	−15·030	− 2	...	...
...	55·429	+41·751	− 1	...	...
*	55·487	+ 2·737	1·40	45.4067	9·4
...	55·730	+27·892	− 3	...	...
*	+55·835	+ 4·914	1·40	45.4069	9·8
...	55·915	+45·392	− 5	...	...
...	56·135	+25·072	0·80	45.4068	10·4
...	56·181	+16·675	0·95	45.4072	10·4
...	56·245	−35·395	− 4	...	...
1111-1140					
1111					
*	+56′·315	−32′·470	1·60	46°.3962	9·4
*	56·446	+31·794	1·30	45.4070	9·8
...	56·494	+ 1·609	− 3	...	...
*	56·749	+42·196	1·40	45.4071	9·6
*	56·862	+14·718	1·30	45.4074	10·0
...	+56·923	−29·337	− 4	...	...
*	56·937	+45·327	1·60	45.4073	9·4
...	57·083	−25·367	− 3	...	...
*	57·100	−21·720	1·15	46.3963	10·0
S *	57·159	−35·646	2·60	46.3964	9·0
1121					
*	+57·212	+28·733	1·40	45.4075	9·8
...	57·405	+45·771	− 5	*m*	...
...	57·423	+29·238	1·20	45.4076	10·0
...	57·426	−24·622	− 4	...	...
...	57·613	−34·265	− 5	...	...
...	+57·724	+27·817	− 5	*m*	...
...	57·812	+55·995	− 5	...	...
...	57·815	+39·260	− 3	...	...
...	57·907	+ 6·503	0·90	...	...
*	58·013	+18·689	1·30	45.4077	10·0
1131					
*	+58·759	+12·674	1·40	45.4080	9·9
...	58·936	+25·862	1·10	45.4079	10·2
...	58·942	−21·868	− 5	...	...
...	59·040	+57·896	− 4	...	...
*	59·042	−46·765	2·20	46.3967	9·2
...	+59·112	−57·957	− 4	...	...
...	59·160	−27·520	− 5	*m*	...
...	59·274	+34·247	− 3	...	...
...	59·290	+48·695	− 1	45.4078	10·4
...	59·290	+ 0·044	1·00	45.4081	10·
1141-1145					
1141				°	
...	+59′·363	−48′·222	− 5	...	...
...	59·465	−11·205	− 1	46.3966	10·4
...	59·468	−20·558	− 5	*e*	...
...	59·505	−32·916	− 5	...	...
...	59·629	−36·492	− 4	...	...

1-20					
I				°	
...	−59′·043	+12′·516	0·75	45.4038	10·2
...	59·031	+45·982	− 4	45.4042	10·4
*	59·015	+14·773	1·00	45.4039	9·8
...	58·828	−36·577	− 2	46.3951	10·2
...	58·730	+35·260	− 1	45.4041	10·1
S ‡	−58·393	− 5·012	2·30	45.4040	8·3
...	58·347	+48·303	0·95	45.4044	9·9
...	58·289	+17·338	− 3	45.4043	10·4
...	58·127	−17·450	− 2	...	...
*	57·970	+39·581	1·00	45.4046	9·8
II					
†	−57·851	+44·807	− 2	45.4047	10·2
*	57·729	+16·539	1·20	45·4045	9·8
*	57·510	+25·486	1·20	45.4049	9·6
...	57·268	+ 9·764	0·75	45.4048	10·0
...	57·151	−28·187	− 5	...	...
*	−56·799	+ 0·129	1·00	45.4050	9·8
‡	56·676	+24·841	1·10	45.4051	9·6
...	56·526	+ 0·561	− 4	...	...
...	56·452	−17·149	− 1	46.3953	10·2
*	56·435	+53·856	2·00	44.4220	9·0
21-40					
21				°	
...	−56′·041	+25′·901	− 4	...	...
...	55·739	+48·981	0·90	45.4053	9·8
...	55·465	+27·970	− 4	45.4052	10·4
†	55·225	−39·980	− 3	46.3954	10·2
†	55·022	+47·184	− 3	45.4054	10·4
*	−54·549	+38·760	1·20	45.4057	9·8
...	54·442	+39·620	0·90	45.4058	9·9
...	54·402	+33·796	− 1	45.4056	10·0
...	54·318	+12·068	− 3	45.4055	10·4
...	54.289	+17·723	0·70	45.4059	10·0
31					
...	−54·116	−36·148	− 3	...	...
...	53·788	−42·946	− 5	...	...
*	53·629	+50·553	1·10	45.4060	9·8
...	53·463	−16·849	− 5	...	...
*	52·706	+30·967	1·50	45.4061	9·4
...	−52·597	+58·967	− 4	...	...
...	52·521	+30·543	− 5	...	...
...	51·951	+50·682	− 4	...	...
†	51·822	+29·865	− 4	...	...
...	51·816	−38·878	− 3	46.3955	10·4
41-60					
41				°	
*	−51′·549	+13′·619	1·00	45.4062	9·8
*	51·318	−56·217	1·50	46.3956	9·8
...	50·678	−38·121	− 4	...	...
...	50·615	+50·431	− 4	45.4064	10·4
...	50·465	+37·701	0·90	45.4063	9·9
...	−50·298	−51·897	− 2	46.3957	10·4
...	50·122	+41·825	− 3	...	...
†	50·086	− 8·392	− 2	46.3959	10·2
‡	50·006	+15·030	1·00	45.4065	9·8
...	49·929	−38·710	− 5	...	...
51					
N	−49·862	−32·275	− 5	46.3958	10·4
*	49·721	+29·004	0·95	45.4066	9·9
...	49·379	+27·996	− 4	...	...
...	49·253	−15·767	0·85	46.3960	10·1
*	48·896	−16·349	2·00	46.3961	9·0
...	−48·890	+25·187	− 1	45.4068	10·4
*	48·815	+ 2·849	1·20	45.4067	9·4
*	48·794	+42·324	1·10	45.4071	9·6
*	48·770	+31·911	1·00	45.4070	9·8
*	48·720	+45·453	1·60	45.4073	9·4

MC measured from 1, 113, 242, 366, 481, 630.
ES ,, ,, . 48, 176, 292, 422, 553, 683.
51. Mass ; 46°·59, mass ; 47°·59, brighter of double.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
61-120					
61				°	
...	−48′·561	+16′·792	0·70	45.4072	10·4
*	48·545	+ 5·033	1·00	45.4069	9·8
...	48·331	−14·924	− 4	...	...
*	47·921	+28·878	1·05	45.4075	9·8
‡	47·819	+14·851	0·90	45.4074	10·0
...	−47·788	+ 1·754	− 4	...	...
...	47·707	+29·386	0·80	45.4076	10·0
...	47·649	+39·416	− 5	...	...
...	47·007	+58·074	− 4	...	...
*	46·906	−32·329	1·35	46.3962	9·4
71					
...	−46·872	−35·255	− 5	...	...
*	46·793	+18·864	0·90	45.4077	10·0
...	46·533	+ 6·678	− 2	...	...
...	46·461	+48·885	− 2	45.4078	10·4
...	46·427	−21·559	0·80	46.3963	10·0
...	−46·342	−25·203	− 5	...	...
...	46·113	+26·063	0·65	45.4079	10·2
...	46·046	−24·438	− 5	...	...
...	46·023	+34·447	− 5	...	...
S*	45·938	−35·472	1·90	46.3964	9·0
81					
*	−45·863	+12·872	0·90	45.4080	9·9
†	45·091	+21·830	− 3	...	...
...	44·947	+ 0·272	− 2	45.4081	10·4
...	44·600	−21·642	− 5	...	...
...	44·419	−10·968	− 2	46.3966	10·4
...	−44·106	−20·308	− 5	E	...
...	43·927	+14·338	− 4	...	...
...	43·871	+19·312	− 3	...	...
*	43·720	−46·529	1·90	46.3967	9·2
...	43·467	−36·236	− 4	...	...
91					
...	−43·462	−29·756	0·85	46.3968	10·2
...	43·307	−57·708	− 5	...	...
...	43·251	+50·709	0·80	45.4083	10·0
...	43·089	+41·274	− 5	...	...
*	42·999	+56·446	1·05	44.4248	9·8
...	−42·935	+10·357	− 4	...	...
...	42·788	− 6·961	− 2	45.4082	10·2
...	42·562	+15·556	− 5	B	...
...	42·490	+30·503	− 4	...	...
...	42·375	+50·056	− 2	45.4084	10·2
101					
...	−42·005	+41·763	− 4	45.4085	10·4
*	41·995	−18·566	0·90	46.3970	9·8
S*	41·510	+43·783	5·50	45.4086	5·5
*	41·133	−19·452	0·95	46.3972	9·8
...	40·994	−50·975	0·90	46.3971	9·9
...	−40·906	+42·702	− 4	45.4087	10·4
...	40·867	+50·931	− 5	B	...
*	40·724	+44·567	2·00	45.4088	9·2
...	40·698	+ 9·560	− 3	...	...
...	40·650	+50·404	− 5	...	...
111					
...	−40·333	+45·861	− 1	45.4090	10·2
†	40·106	+50·407	− 5	...	...
...	40·043	+ 0·976	− 3	45.4089	10·4
...	40·041	+24·373	− 4	...	...
...	39·982	+12·269	− 2	45.4091	10·4
...	−39·501	+17·751	− 4	...	...
†	39·471	+54·741	0·65	44.4252	10·4
...	39·460	+48·555	0·95	45.4092	9·8
...	38·939	+11·507	− 2	45.4093	10·1
...	38·550	+54·531	− 3	44.4254	10·4

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
121-180					
121				°	
*	−38′·457	+17′·720	1·90	45.4094	8·8
...	38·428	−14·347	− 3	46.3974	10·4
...	38·301	+26·358	− 2	45.4095	10·0
...	38·106	+37·918	− 3	...	...
...	38·090	+34·465	− 1	45.4097	10·4
*	−37·867	− 1·109	1·30	45.4096	9·3
...	37·752	−42·962	0·65	46.3976	10·2
...	37·733	−28·757	− 2	46.3975	10·4
...	37·105	−37·801	0·70	46.3977	10·2
...	36·958	−56·496	− 5	...	...
131					
...	−36·835	−48·135	− 1	46.3979	10·0
...	36·770	+18·921	− 4	...	...
...	36·730	+33·338	− 5	B	...
*	36·445	+25·321	1·20	45.4098	9·4
...	36·329	+10·241	− 4	...	...
...	−36·055	+37·841	− 3	...	...
...	35·779	−12·037	− 4	...	...
...	35·680	−49·581	− 3	46.3980	10·4
*	35·502	+21·513	0·90	45.4099	9·8
*	35·396	+32·994	0·95	45.4100	10·0
141					
...	−35·228	+ 4·454	− 2	45.4101	10·1
...	35·200	−55·578	− 4	...	...
...	34·993	+22·085	0·65	45.4102	10·2
...	34·513	+18·933	− 4	...	...
...	34·290	−31·385	− 3	46.3983	10·4
*	−34·259	−43·362	1·20	46.3982	9·6
...	34·241	+30·942	− 5	...	...
*	34·155	+15·114	1·00	45.4103	9·6
...	34·057	+22·842	0·65	45.4104	10·1
*	33·922	+ 2·432	1·20	45.4105	9·4
151					
...	−33·450	+34·310	− 5	B	...
...	33·190	− 5·843	− 3	45.4106	10·4
...	33·153	+51·932	− 2	45.4109	10·4
...	33·153	+22·269	0·65	45.4108	10·2
...	32·797	+ 8·714	− 1	45.4107	10·2
*	−32·625	+31·634	0·90	45.4110	10·0
*	32·404	−28·155	4·00	46.3984	7·8
...	32·139	−41·617	− 4	...	...
...	32·117	−37·828	− 4	...	...
...	32·059	+54·167	− 3	...	...
161					
*	−32·042	− 3·851	1·50	45.4111	9·0
...	31·864	−33·752	− 4	...	...
...	31·828	+43·292	− 3	...	...
...	31·810	+11·539	− 3	...	...
...	31·590	+57·725	− 1	44.4273	10·1
...	−31·530	+ 7·865	− 4	...	...
...	31·496	−52·335	− 3	46.3985	10·2
*	31·420	+ 8·841	1·10	45.4112	9·3
...	31·369	−51·281	− 5	...	...
...	31·102	+42·177	0·70	45.4113	10·0
171					
*	−31·102	− 8·949	1·20	46.3986	9·4
...	31·087	−50·961	− 4	...	...
...	30·564	− 4·856	− 2	45.4114	10·4
*	30·294	− 2·353	1·40	45.4115	9·2
N†	30·196	−12·632	− 2	46.3987	10·1
...	−29·881	+56·908	− 5	B	...
...	29·821	+ 4·360	− 4	...	...
...	29·551	−42·933	− 3	...	...
*	29·235	− 9·822	1·40	46.3988	9·3
*	28·988	+37·757	0·90	45.4116	9·9

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
181-249					
181				°	
...	−28′·913	+28′·890	0·70	45.4117	10·0
...	28·783	+54·661	− 5	A	...
...	28·518	− 1·990	− 5	...	...
...	28·215	−31·151	− 4	...	...
...	28·114	−56·590	− 4	...	...
...	−27·617	−31·947	− 5	...	...
...	27·615	−36·869	− 4	...	...
...	27·588	+35·891	0·65	45.4118	10·4
...	27·090	+38·437	0·65	45.4119	10·4
S*	26·629	+16·329	3·80	45.4120	7·4
191					
...	−26·509	+21·004	0·65	45.4121	10·2
...	26·463	+49·902	− 2	...	...
...	26·187	+14·384	− 4	...	...
...	26·085	− 0·830	− 5	...	...
...	26·033	− 6·820	− 5	...	...
...	−25·803	−18·451	− 3	...	...
...	25·671	−13·837	− 5	...	...
*	25·635	− 8·947	1·50	46.3989	9·2
...	25·036	+37·555	− 5	...	...
...	25·004	−11·788	0·70	46.3991	10·4
201					
...	−24·940	− 7·950	− 4	...	...
...	24·867	−46·094	− 4	46.3990	10·4
...	24·729	+38·972	− 4	...	...
...	24·703	+28·571	− 1	45.4122	10·4
...	24·582	−19·111	− 3	...	...
*	−24·580	−31·997	1·30	46.3993	9·4
...	24·515	−43·124	− 3	46.3992	10·4
...	24·452	− 2·594	− 5	...	...
...	24·327	− 7·413	0·75	46.3995	10·2
*	24·219	+30·962	0·85	45.4124	9·8
211					
*	−24·168	+21·963	0·90	45.4123	9·9
...	24·133	+ 0·161	− 2	α	...
...	24·114	−52·568	− 2	46.3994	10·4
...	24·061	+ 6·916	− 4	...	...
...	24·060	−16·874	− 5	...	...
*	−23·997	−49·715	0·95	46.3996	9·8
*	23·865	+31·382	0·90	45.4125	9·8
...	23·810	+46·963	− 5	...	...
*	23·702	−44·829	0·90	46.3997	9·8
...	23·558	+28·922	− 1	45.4126	10·4
221					
*	−23·537	+36·764	1·80	45.4127	9·0
...	23·507	−45·232	− 4	...	...
*	23·376	−26·811	0·90	46.3998	9·9
...	23·257	+15·979	0·65	45.4128	10·1
...	23·250	+37·551	− 4	...	...
...	−23·187	+ 7·726	− 5	...	...
*	23·098	− 2·678	4·00	45.4129	7·4
...	22·814	−55·791	− 1	46.3999	10·2
...	22·790	+ 1·041	− 3	...	...
S*	22·740	− 4·792	5·50	45.4130	7·1
231					
...	−22·690	− 8·227	− 5	...	...
...	22·318	+56·696	− 3	...	...
...	22·163	+49·453	− 4	45.4131	10·4
...	21·979	+15·911	− 1	45.4132	10·2
...	21·714	−45·239	0·70	46.4000	10·0
...	−21·576	+30·828	− 2	45.4133	10·4
...	21·520	−57·846	− 5	...	...
†	21·418	+49·732	− 3	45.4134	10·2
...	21·082	+44·858	− 5	...	...
*	21·061	− 6·729	1·05	45.4135	9·4

175. Brighter of double; 47°·59, mass.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−4.	No.	Mag.
241–300					
241	′	′		°	
...	−20·379	+55·370	− 5	...	...
...	20·064	−17·388	− 5	...	...
...	20·057	−26·826	0·80	46.4001	10·0
...	19·926	+52·070	− 4	...	...
...	19·818	−50·768	− 4	...	...
...	−19·463	− 5·162	− 3	45.4136	10·4
...	19·359	+47·423	− 1	45.4137	10·4
*	19·162	−28·447	1·20	46.4002	9·4
...	19·068	+42·801	− 3	45.4138	10·4
...	18·143	−31·368	0·75	46.4003	10·0
251					
...	−18·116	−32·737	− 4	...	...
...	17·846	+38·493	− 2	45.4139	10·4
...	16·814	−12·810	− 4	...	...
...	16·706	−17·789	− 4	...	...
*	16·390	−23·544	1·20	46.4004	9·5
...	−16·202	− 0·473	− 5	A	...
...	15·774	+54·676	− 4	...	...
...	15·543	−39·881	− 3	46.4005	10·2
...	15·514	+32·883	− 5	...	...
...	14·780	+46·564	− 4	...	...
261					
*	−14·743	−40·404	0·90	46.4006	9·8
*	14·718	+43·019	1·20	45.4140	9·3
...	14·691	+15·112	− 3	...	...
...	14·563	+31·410	− 3	...	...
*	14·527	+12·327	2·10	45.4141	8·6
*	−14·393	+40·757	0·90	45.4142	9·8
...	13·495	−43·122	− 3	46.4009	10·4
...	13·494	−41·419	0·85	46.4007	9·8
...	13·392	+44·495	− 4	...	...
*	13·384	−48·262	1·00	46.4008	9·8
271					
...	−13·342	+57·857	− 5	...	...
S *	13·310	−44·560	1·15	46.4010	9·4
*	13·001	−40·620	1·20	46.4011	9·2
...	12·868	+11·771	− 1	45.4143	10·1
...	12·723	+12·689	− 3	...	...
...	−12·645	+38·680	− 4	...	...
...	12·052	+ 7·021	0·80	45.4146	10·0
...	12·018	+ 7·466	− 4	...	...
...	12·000	+15·768	− 1	45.4144	10·0
...	11·994	−13·880	0·85	46.4012	10·0
281					
...	−11·977	+11·411	− 1	45.4145	10·2
...	11·678	+50·907	− 5	...	...
...	11·671	− 8·627	− 3	46.4013	10·4
...	10·766	+31·191	− 3	...	...
...	10·511	+ 7·889	− 3	...	...
...	−10·446	−57·593	− 3	46.4014	10·4
...	10·395	−22·627	− 3	...	...
...	10·260	+30·091	− 4	...	...
†	10·221	− 8·304	− 3	46.4015	10·4
‡	10·207	+26·949	1·00	45.4148	9·8
291					
†	−10·203	+20·766	− 2	45.4147	10·4
...	10·093	+13·808	− 4	...	...
*	10·051	+26·753	0·90	45.4149	9·8
*	9·545	+48·501	1·10	45.4150	9·5
...	9·345	+50·588	− 4	...	...
...	− 9·253	−30·546	− 4	...	...
...	9·220	−35·750	− 5	...	...
*	9·206	+37·539	0·95	45.4151	9·8
...	9·206	+ 3·911	− 2	45.4152	10·4
...	8·962	+47·733	− 5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−4.	No.	Mag.
301–360					
301	′	′		°	
...	− 8·825	− 3·382	− 4	...	...
...	8·671	−13·993	− 2	...	...
...	8·423	−21·554	− 5	...	...
...	8·339	+18·399	0·80	45.4153	10·0
*	8·297	−12·978	2·00	46.4016	8·8
...	− 8·138	−22·040	− 4	*m*	...
...	8·030	+36·423	− 4	...	...
...	8·028	+ 1·272	0·75	45.4154	10·0
...	7·712	−34·361	− 5	...	...
...	7·274	−33·267	− 5	...	...
311					
...	− 7·168	−34·624	0·80	46.4017	9·8
...	6·946	−10·737	− 1	46.4018	10·2
...	6·937	+38·684	− 4	*m*	...
...	6·911	+ 9·149	− 5	*m*	...
...	6·817	−33·485	0·70	46.4019	10·4
...	− 6·798	+ 7·879	0·65	45.4155	10·0
...	6·755	+42·593	− 4	*m*	...
*	6·681	−40·651	0·90	46.4020	9·9
...	6·583	+30·240	0·80	45.4156	10·0
...	6·580	+17·549	0·80	45.4158	9·9
321					
*	− 6·532	+ 8·543	1·00	45.4157	9·8
*	6·250	+ 5·492	0·95	45.4159	9·6
...	6·176	+14·558	− 5	M *m*	...
...	6·153	+14·647	0·80	45.4160	9·8
...	5·941	+47·814	− 5	*m*	...
...	− 5·874	+41·243	0·70	45.4161	10·1
...	5·781	+47·191	0·70	45.4162	10·2
...	5·744	+46·117	− 5	*m*	...
...	5·736	− 7·308	− 3	...	...
...	5·643	−37·456	− 5	...	...
331					
...	− 5·566	+ 1·705	0·75	45.4163	10·0
...	5·384	−16·995	− 5	M	...
...	5·289	+37·597	− 1	45.4164	10·2
...	5·145	+13·562	− 5	*m*	...
*	4·946	−16·716	2·00	46.4021	8·8
...	− 4·698	−46·740	0·75	46.4022	10·2
*	4·577	+56·234	0·90	44.4325	9·9
...	4·417	+29·369	− 4	...	...
*	4·306	+45·334	1·70	45.4165	9·2
...	4·278	+34·718	− 3	...	...
341					
*	− 4·248	+ 4·435	0·90	45.4166	9·8
...	4·067	+56·519	− 3	44.4326	10·4
...	3·864	−21·537	0·80	46.4023	9·8
...	3·806	−18·690	0·65	46.4024	10·2
...	3·580	+28·500	− 5	*m*	...
...	− 3·395	−44·174	− 5	...	...
...	3·322	+58·499	0·80	44.4327	9·9
*	3·261	+27·720	0·95	45.4167	9·8
...	3·155	+16·429	− 4	*m*	...
...	3·107	+35·745	− 5	*m*	...
351					
...	− 2·615	+48·746	− 5	*m*	...
...	2·442	+46·656	0·80	45.4169	10·0
...	2·411	+41·491	− 4	45.4168	10·4
*	2·369	+ 3·543	1·10	45.4170	9·6
...	2·193	−22·829	− 1	46.4025	10·4
...	− 2·076	+ 3·286	− 1	45.4171	10·4
...	1·877	−39·563	− 5	...	...
*	1·761	+39·411	1·80	45.4172	9·0
*	1·508	−23·319	1·00	46.4026	9·6
...	1·429	+ 8·087	− 4	*m*	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−4.	No.	Mag.
361–420					
361	′	′		°	
†	− 1·400	+54·807	− 3	44.4330	10·4
...	1·077	− 7·909	− 4	46.4027	10·4
...	0·988	−54·392	− 5	...	...
...	0·344	+21·637	− 2	...	...
...	− 0·311	− 8·335	− 5	46.4029	10·4
...	+ 0·282	+36·100	− 2	45.4174	10·0
...	0·382	+41·649	− 1	45.4173	10·2
...	0·572	+24·305	− 5	*m*	...
...	0·723	+33·238	− 1	45.4175	9·8
...	0·838	+31·636	− 4	45.4176	10·4
371					
...	+ 0·887	+24·082	− 5	*m*	...
...	1·072	−32·746	− 5	...	...
...	1·267	− 8·760	− 4	M	...
...	1·388	−19·085	0·65	46.4030	10·0
...	1·850	−25·524	0·65	46.4031	10·1
†	+ 2·033	+39·843	− 1	45.4177	10·2
...	2·055	+23·140	− 5	*m*	...
...	2·089	+43·877	0·65	45.4178	10·1
...	2·269	+ 5·532	− 4	*m*	...
...	2·291	+27·207	− 4	45.4179	10·4
381					
...	+ 2·311	−54·387	− 3	...	...
...	2·451	−18·787	0·75	46.4032	10·0
*	2·496	−37·316	1·40	46.4033	9·3
...	2·771	−24·564	− 1	46.4034	10·2
†	3·004	−35·001	− 2	46.4035	10·2
...	+ 3·219	+40·236	− 3	45.4180	10·4
...	3·287	−45·039	− 3	46.4036	10·4
†	3·553	+59·734	− 4	...	...
...	3·778	+35·418	− 3	45.4181	10·4
...	3·896	+34·354	− 1	45.4182	10·2
391					
...	+ 3·908	−33·849	− 5	46.4037	10·4
...	4·003	+23·151	− 4	45.4183	10·4
...	4·237	−59·813	− 2	46.4038	10·4
...	4·605	−28·610	− 1	46.4039	10·4
S *	5·201	− 9·864	3·10	46.4040	8·1
...	+ 5·270	−12·076	− 2	46.4041	10·1
...	5·280	−25·492	− 5	...	...
...	5·404	+54·509	− 4	...	...
...	5·631	−51·165	0·65	46.4043	10·1
...	5·733	−25·483	− 3	46.4042	10·4
401					
....	+ 5·887	− 9·371	0·65	46.4044	9·9
...	6·112	− 3·697	− 3	45.4185	10·4
S *	6·179	+44·459	1·90	45.4184	8·3
...	6·190	+17·532	− 3	...	...
...	6·501	+37·496	− 4	...	...
*	+ 6·669	−49·183	1·20	46.4045	9·5
†	6·977	+29·840	− 4	...	...
...	7·523	−22·819	− 4	...	...
...	7·711	+46·710	− 4	...	...
...	7·847	+42·604	0·85	45.4186	9·8
411					
...	+ 8·084	+31·912	− 4	*a*	..
...	8·217	−26·792	− 1	46.4046	10·2
*	8·340	+42·018	2·60	45.4187	8·3
...	8·359	+32·701	− 4	...	...
...	8·360	− 9·262	− 5	...	...
...	+ 8·597	+13·958	− 4	*b*	...
...	8·809	+36·776	− 3	...	...
...	9·094	+29·327	− 4	...	...
†	9·465	−45·031	− 2	46.4049	10·4
...	9·626	−15·283	0·80	46.4048	10·1

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. -4.	C.P.D. No.	C.P.D. Mag.
421-480					
421					
...	+ 9·649	−51·359	− 4	...	...
...	9·832	+ 8·518	− 5	*m*	...
...	10·009	+48·010	− 3	45.4188	10·4
*	10·073	−26·065	1·30	46.4050	9·4
...	10·101	−48·969	− 4	...	...
...	+10·178	+35·111	− 5	*b*	...
...	10·484	−34·749	− 5	*a*	...
†	10·557	−30·050	− 5	...	...
...	10·661	+ 8·338	− 5	*m*	...
*	10·845	+10·616	1·70	45.4189	9·2
431					
...	+10·899	+58·950	− 5	...	...
...	10·926	−16·371	− 4	...	...
...	11·047	+32·519	− 4	45.4191	10·4
...	11·138	+43·789	0·80	45.4190	9·8
...	11·469	+15·443	− 5	*m*	...
...	+11·702	+38·951	− 3	45.4192	10·4
...	11·713	−52·994	− 5	...	...
...	11·778	− 8·589	− 3	46.4051	10·4
...	11·864	−16·973	− 3	...	...
...	12·026	− 0·562	− 4	45.4194	10·4
441					
...	+12·218	+33·285	− 5	...	...
*	12·257	+43·939	2·70	45.4193	8·3
...	12·291	+30·851	− 2	45.4195	10·4
...	12·310	− 9·949	− 3	...	...
...	12·549	+16·970	− 4	*b*	...
...	+12·733	−26·344	− 5	...	...
...	12·802	+ 6·882	− 4	*b*	...
...	12·935	+58·306	− 5	...	...
...	13·350	+32·174	0·65	45.4196	10·2
...	13·443	+44·352	− 1	45.4197	10·2
451					
...	+13·513	−47·280	− 4	...	...
...	13·803	−45·440	− 5	...	...
...	13·935	−15·710	− 5	...	...
*	13·939	+14·245	0·90	45.4200	10·0
...	13·942	+52·804	0·85	45.4198	9·8
...	+14·061	+41·714	0·85	45.4199	9·9
...	14·405	−36·501	− 4	...	...
†	14·732	+28·621	− 1	45.4201	9·9
...	14·946	−38·183	− 3	46.4053	10·4
...	16·023	+43·541	− 5	...	...
461					
...	+16·027	− 6·589	− 1	45.4203	10·2
‡	16·039	+29·869	0·90	45.4202	9·5
...	16·233	+ 3·068	− 5	*m*	...
...	16·580	+51·931	0·70	45.4204	10·1
...	16·623	+ 9·582	− 5	...	...
...	+16·670	+27·425	0·80	45.4205	10·0
*	17·016	+17·555	1·80	45.4206	9·0
...	17·096	+49·973	− 4	...	...
...	17·233	−32·953	0·80	46.4055	10·0
...	17·250	− 8·624	− 2	46.4054	10·4
471					
...	+17·516	+59·146	− 4	...	...
...	17·623	+29·695	− 3	45.4207	10·4
...	17·651	− 2·060	− 3	...	...
...	17·801	+11·203	0·75	45.4208	9·8
...	17·854	−55·509	− 2	46.4056	10·4
*	+17·977	+ 1·883	0·90	45.4209	9·6
...	18·249	+ 9·363	− 4	45.4210	10·4
...	18·362	−27·286	0·65	46.4057	10·0
...	19·350	−37·344	− 5	...	...
...	19·557	+46·786	− 3	45.4211	10·4
481-540					
481					
...	+19·826	+16·402	0·65	45.4212	10·0
...	20·297	+30·482	− 4	...	...
...	20·396	+45·868	− 3	45.4213	10·4
...	20·619	−29·331	− 4	...	...
...	20·711	− 3·166	− 4	...	...
...	+20·985	+34·297	− 4	...	...
...	21·010	+ 1·496	− 5	*m*	...
...	21·188	+13·967	− 4	*a*	...
*	21·194	−14·739	1·30	46.4058	9·4
...	21·344	−18·388	− 2	46.4059	10·4
491					
...	+21·400	+38·336	− 4	...	...
...	21·543	−15·010	− 4	46.4060	10·4
*	21·669	−34·663	1·00	46.4061	9·8
...	21·821	−14·636	− 3	46.4062	10·2
*	21·842	+32·402	1·00	45.4214	9·6
*	+22·091	+31·009	1·00	45.4215	9·6
*	22·548	+31·857	1·00	45.4216	9·6
...	22·562	−48·307	− 3	...	...
...	22·580	+28·559	− 2	45.4217	10·4
...	22·705	−38·084	− 4	...	...
501					
*	+22·918	+28·810	1·10	45.4218	9·6
*	22·989	−50·863	1·30	46.4063	9·6
...	23·150	− 5·259	− 1	45.4219	10·1
...	23·329	+17·500	− 4	*a*	...
...	23·358	−34·552	− 4	46.4064	10·2
...	+23·665	+40·998	− 5	...	...
...	23·900	−24·844	− 4	...	...
‡	23·913	+34·852	1·60	45.4220	9·0
...	23·914	−21·541	− 5	...	...
...	24·232	− 2·119	− 5	...	...
511					
...	+24·287	+ 6·842	− 3	45.4222	10·4
...	24·414	+ 3·056	− 3	45.4224	10·4
...	24·472	+47·722	− 4	...	...
*	24·510	−43·853	1·10	46.4065	9·8
...	24·616	−19·110	− 5	...	...
...	+24·636	+51·023	− 2	45.4221	10·2
...	24·643	+42·005	0·70	45.4223	10·2
†	24·748	− 1·871	− 4	...	...
...	24·813	−37·031	− 5	...	...
*	25·009	−33·877	1·10	46.4067	9·5
521					
...	+25·143	− 9·002	− 4	46.4066	10·4
S *	25·385	+ 4·985	1·90	45.4225	8·6
...	25·410	+54·011	− 4	...	...
...	25·491	−37·944	− 5	...	...
...	25·586	− 3·387	− 4	...	...
...	+25·634	−33·624	0·65	46.4068	10·1
*	25·703	+22·121	1·00	45.4226	9·9
...	25·720	−57·466	− 5	...	...
...	25·761	−31·715	− 4	46.4069	10·4
...	26·309	+34·915	− 4	...	...
531					
S *	+26·353	−35·375	2·40	46.4070	8·4
...	26·576	+50·372	0·65	45.4227	10·1
...	26·668	+55·187	− 4	...	...
...	26·850	−54·166	0·65	46.4071	10·1
...	26·911	−50·373	− 5	...	...
*	+27·153	−45·219	0·90	46.4073	10·0
...	27·165	−41·402	− 3	46.4074	10·4
...	27·274	+58·186	− 3	44.4374	10·4
*	27·354	+49·251	1·30	45.4228	9·2
*	27·710	−53·914	1·20	46.4076	9·5
541-600					
541					
...	+27·752	+54·407	− 4	...	...
...	27·776	− 5·733	− 2	45.4229	10·4
*	27·869	−33·885	0·90	46.4075	9·6
...	27·937	−25·243	− 4	...	...
...	28·126	−20·650	− 3	46.4077	10·4
...	+28·132	−41·394	− 3	...	...
...	28·595	+43·417	− 1	45.4230	10·2
...	28·813	−26·240	− 5	...	...
...	28·880	−44·325	− 5	...	...
...	29·028	+ 4·194	0·70	45.4231	9·9
551					
...	+29·622	−24·646	− 2	46.4079	10·4
†	29·655	+16·144	− 4	...	...
†	29·733	+25·218	− 2	45.4232	10·4
...	29·789	−11·598	− 1	46.4078	10·2
...	29·802	+47·214	− 5	...	...
...	+29·932	−21·011	− 5	...	...
...	30·099	+16·608	− 5	*m*	...
n	30·201	−34·519	− 3	46.4080	10·4
...	30·310	+43·215	− 3	45.4233	10·2
n	30·471	−34·474	− 3	46.4080	10·4
561					
...	+31·015	−44·735	− 5	...	...
†	31·089	+39·747	0·70	45.4234	9·9
...	31·226	−16·770	− 1	46.4081	10·4
...	31·295	−28·983	− 2	46.4082	10·4
...	31·357	+19·594	− 2	45.4236	10·2
...	+31·466	+22·204	0·70	45.4235	9·9
...	31·714	+43·882	− 4	...	...
...	31·896	− 6·288	− 5	*a*	...
...	31·998	+21·480	0·80	45.4237	10·0
...	32·504	−19·752	− 2	...	...
571					
*	+32·710	−24·885	1·40	46.4083	9·4
†	32·714	+39·833	0·65	45.4239	10·0
*	32·723	+31·638	0·90	45.4238	9·8
...	32·732	−49·178	− 4	...	...
...	32·835	− 1·260	0·65	45.4240	10·2
...	+32·965	+13·979	− 3	...	...
...	33·286	−52·244	− 4	46.4087	10·4
...	33·290	+50·493	− 5	...	...
...	33·322	− 9·897	0·65	46.4085	10·2
*	33·378	−12·228	1·80	46.4086	8·8
581					
*	+33·431	− 3·095	0·90	45.4243	9·8
...	33·515	+15·588	− 5	...	...
*	33·738	+ 0·856	1·25	45.4244	9·4
...	33·782	+34·998	0·75	45.4241	10·2
...	33·872	+40·562	0·65	45.4242	10·1
...	+33·883	−32·340	− 4	...	...
...	33·893	−45·727	− 5	...	...
...	33·930	−24·447	− 2	46.4088	10·4
...	34·015	−16·627	− 5	...	...
...	34·323	−15·497	− 3	...	...
591					
...	+34·525	−46·032	0·85	46.4089	9·9
...	35·147	+14·670	0·65	45.4245	10·0
...	35·167	−19·050	− 5	...	...
...	35·560	−24·558	− 4	46.4090	10·4
S *	35·689	+50·462	2·20	45.4246	8·2
*	+35·807	+34·648	1·20	45.4247	9·6
...	36·087	+ 6·242	− 5	*m*	...
...	36·119	−37·551	− 5	...	...
...	36·138	+52·983	− 5	...	...
...	36·217	+45·846	− 5	...	...

558, 560. C.P.D., probably mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
601-650					
601					
...	+36·367	+53·237	0·65	44.4386	10·2
...	36·401	−32·865	− 2	...	...
...	36·442	+15·212	− 3	45.4249	10·2
†	36·464	−30·055	− 4	...	...
...	36·529	−34·531	− 1	46.4091	10·1
*	+36·691	+53·105	1·10	44.4388	9·8
...	36·724	+44·705	− 4	...	...
...	36·751	+43·402	− 3	45.4248	10·4
...	36·774	− 6·775	− 2	45.4250	10·4
...	37·115	−52·297	− 5	...	...
611					
...	+37·375	−49·015	0·70	46.4093	10·0
...	37·587	−40·561	− 4	...	...
...	37·751	+ 3·857	− 5	*m*	...
...	37·873	+22·852	− 5	*m*	...
...	38·007	−55·098	− 4	...	...
...	+38·018	−35·851	0·90	46.4094	9·9
*	38·046	− 1·822	1·10	45.4254	9·6
...	38·147	− 7·320	− 5	...	...
*	38·413	+25·279	1·00	45.4252	9·4
*	38·446	+24·742	1·20	45.4253	9·4
621					
N [	+38·616	+48·799	1·10	45.4251	9·5
...	38·668	+36·066	− 5	*a*	...
...	38·753	−32·460	− 4	...	...
...	38·828	−33·028	− 4	...	...
...	38·898	−26·467	− 4	...	...
...	+38·974	+47·490	− 3	45.4255	10·2
...	39·221	+17·459	− 4	...	...
...	39·432	−31·826	− 4	...	...
†	39·634	− 1·096	− 3	45.4256	10·4
...	39·741	−18·273	− 4	...	...
631					
...	+40·019	−59·627	− 4	46.4098	10·2
...	40·122	−52·522	0·90	46.4097	9·8
...	40·212	−53·529	0·80	46.4099	10·0
*	40·340	+32·409	1·60	45.4257	8·8
...	40·752	+27·694	− 2	45.4258	10·0
...	+40·894	−33·488	− 5	...	...
...	41·028	+ 7·197	− 5	*m*	...
...	41·051	−19·620	− 3	46.4100	10·4
...	41·104	−21·110	− 3	46.4101	10·4
...	41·242	+26·144	− 5	*b*	...
641					
...	+41·246	+ 6·203	− 4	*a*	...
...	41·584	−51·501	0·90	46.4102	9·9
*	41·596	+ 8·414	1·40	45.4259	9·2
...	41·617	−42·353	− 4	...	...
...	41·693	+19·776	− 5	*b*	...
...	+41·946	+24·889	− 3	45.4260	10·2
...	42·147	−17·221	− 5	...	...
...	42·428	−28·864	− 5	...	...
...	42·910	+13·304	− 5	*m*	...
...	42·915	−33·462	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
651-700					
651					
...	+42·974	+20·180	− 4	...	...
...	43·000	+27·266	− 3	45.4261	10·2
...	43·125	− 7·709	0·70	46.4103	10·1
...	43·202	+23·344	0·90	45.4262	9·9
...	43·469	+35·834	− 4	...	...
*	+43·517	−33·927	2·00	46.4104	8·4
...	43·939	−47·916	− 1	46.4105	10·1
...	44·340	−37·300	− 2	46.4106	10·2
*	44·470	+23·868	0·95	45.4263	9·8
...	44·555	− 1·823	− 1	45.4264	10·1
661					
...	+44·562	−42·060	− 3	46.4108	10·4
†	44·627	−27·127	0·70	46.4107	10·1
*	44·886	−56·301	1·60	46.4109	9·0
*	45·443	−37·396	1·00	46.4111	9·8
...	45·573	−36·193	− 1	46.4112	10·2
...	+45·593	+14·521	− 5	...	...
...	45·778	− 7·438	− 2	46.4110	10·4
*	46·059	−56·916	1·40	46.4114	9·6
†	46·348	+ 9·901	− 1	45.4265	10·4
...	46·782	+35·679	− 5	...	...
671					
...	+47·104	− 5·175	− 4	45.4267	10·4
...	47·249	+ 4·007	− 4	...	...
†	47·253	−15·025	− 4	...	...
...	47·624	+ 3·618	− 4	...	...
...	47·717	+39·476	0·65	45.4266	10·0
...	+47·927	−54·084	− 1	46.4115	10·0
...	48·236	−51·612	1·20	46.4116	9·8
...	48·605	+45·181	− 3	45.4268	10·4
...	48·713	−19·044	− 5	...	...
*	48·911	−33·040	1·00	46.4117	9·8
681					
...	+49·238	+37·223	− 4	...	...
...	49·316	− 9·535	− 3	46.4118	10·4
...	49·730	+18·522	− 5	*e*	...
*	49·741	−55·292	1·40	46.4119	9·6
...	49·895	−58·181	− 3	46.4120	10·2
...	+50·023	−24·396	− 5	...	...
...	50·166	− 6·828	− 5	...	...
...	50·239	−56·978	0·70	46.4121	10·0
...	50·393	+18·282	− 5	*e*	...
...	50·852	−27·584	0·65	46.4122	10·2
691					
...	+51·486	−35·283	0·65	46.4125	10·2
*	51·548	−10·966	1·25	46.4123	9·4
...	51·679	−25·687	− 2	...	...
...	51·835	+43·652	− 5	...	...
...	52·191	+17·227	− 4	*e*	...
‡	+52·314	+29·898	2·00	45.4269	8·6
*	52·603	−17·199	1·05	46.4127	9·3
*	52·660	−17·738	0·95	46.4128	9·8
...	52·729	−27·401	− 3	46.4129	10·4
...	52·902	+24·874	− 3	45.4270	10·4

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
701-739					
701					
...	+53·058	+32·781	− 5	...	...
...	53·343	+12·552	− 4	...	...
...	53·633	+ 0·676	− 5	*e*	...
...	54·009	+10·173	− 5	*e*	...
...	54·076	+24·029	− 5	...	...
...	+54·536	+46·576	− 2	45.4271	10·4
†	54·585	+26·184	− 1	45.4272	10·2
S ‡	54·614	−37·263	2·00	46.4131	8·2
†	54·676	+14·874	− 4	...	...
†	54·677	−28·104	− 4	...	...
711					
...	+55·230	+17·155	− 4	...	...
...	55·533	+ 7·856	− 5	...	...
...	55·678	+33·066	− 3	45.4273	10·4
S *	55·689	+10·597	2·40	45.4274	8·0
...	55·817	−45·936	− 5	46.4132	10·4
...	+56·223	−20·533	− 5	...	...
...	56·448	+22·922	− 3	45.4277	10·4
...	56·459	+28·638	− 5	...	...
...	56·595	+36·452	− 1	45.4275	10·4
*	56·922	+11·723	1·15	45.4278	9·4
721					
...	+56·948	+50·533	− 2	45.4276	10·2
S *	57·443	−17·769	1·80	46.4133	8·8
...	57·950	−28·579	− 3	46.4135	10·4
...	57·963	+14·033	− 5	*e*	...
S *	57·997	+40·043	1·50	45.4279	9·0
*	+58·058	−32·203	2·00	46.4136	8·6
...	58·117	+ 5·112	− 1	45.4280	10·4
...	58·192	+ 5·526	− 1	45.4281	10·4
n	58·276	−33·615	− 5	46.4137	10·0
...	58·325	+53·886	− 1	44.4419	10·0
731					
n	+58·438	−33·746	0·70	46.4137	10·0
*	58·512	+ 2·727	1·60	45.4283	9·3
...	58·840	+ 8·296	0·70	45.4284	10·0
...	58·904	+25·888	0·90	45.4282	10·0
...	58·969	−11·632	− 5	...	...
...	+58·986	−14·348	− 4	...	...
...	59·334	+ 5·547	0·85	45.4285	10·0
*	59·346	−43·993	1·15	46.4139	9·6
†	59·566	−51·428	− 1	46.4140	10·2

621. Mass, 45°·60, two stars.
729, 731. C.P.D., suspected double.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·70.	C.P.D. No.	C.P.D. Mag.
1–60					
1					
*	−59·650	−34·180	3·00	46.4104	8·4
*	59·617	− 2·048	1·00	45.4264	10·1
...	59·579	+38·511	− 5	...	...
...	59·482	+47·932	− 5	M	...
...	59·113	+14·310	− 2	...	...
...	−58·800	−48·143	− 1	46.4105	10·1
...	58·781	+35·442	− 5	...	...
...	58·780	+ 5·190	− 5	M	...
*	58·752	−27·337	1·00	46.4107	10·1
...	58·718	−37·513	0·95	46.4106	10·2
11					
...	−58·571	+35·501	− 3	...	...
...	58·356	−42·259	− 4	46.4108	10·4
*	58·218	− 7·633	1·00	46.4110	10·4
...	58·196	+ 9·713	1·00	45.4265	10·4
*	57·756	+39·327	1·10	45.4266	10·0
*	−57·617	−37·598	1·25	46.4111	9·8
*	57·588	−56·498	2·30	46.4109	9·0
...	57·530	−36·375	0·80	46.4112	10·2
...	57·506	−47·920	− 5	...	...
...	57·307	+ 9·811	− 3	M	...
21					
...	−57·111	+ 3·858	− 2	...	...
†	57·034	+45·050	0·75	45.4268	10·4
...	56·965	− 5·308	0·80	45.4267	10·4
...	56·946	−45·769	− 5	...	...
...	56·826	+36·935	− 5	...	...
...	−56·710	+ 3·481	− 2	...	...
...	56·547	+46·429	− 4	M	...
...	56·499	−15·182	0·65	...	...
...	56·490	+34·315	− 3	M	...
*	56·382	−57·077	1·90	46.4114	9·6
31					
...	−56·165	+37·115	0·70	...	...
...	55·909	−14·515	− 5	...	...
...	55·736	+36·926	− 5	M	...
...	55·088	+18·444	− 3	E	...
...	55·026	+30·670	− 5	M	...
†	−54·916	−19·140	− 4	...	...
...	54·611	− 9·607	0·90	46.4118	10·4
...	54·603	−54·193	0·85	46.4115	10·0
...	54·582	+43·956	− 3	...	...
...	54·418	+18·234	− 4	E	...
41					
*	−54·398	−51·702	1·40	46.4116	9·8
†	54·364	+10·072	− 3	M	...
*	54·297	−33·130	1·40	46.4117	9·8
...	54·220	+31·485	− 4	M	...
...	53·847	− 6·874	− 1	...	...
...	−53·758	+43·632	0·65	...	...
...	53·449	−24·443	− 3	...	...
...	53·416	−16·950	− 5	...	...
...	53·346	+ 1·975	− 3	M	...
...	53·297	+12·477	− 5	M	...
51					
...	−53·167	− 1·059	− 5	M	...
‡	52·847	+29·887	2·60	45.4269	8·6
*	52·762	−55·338	1·80	46.4119	9·6
...	52·650	− 6·739	− 4	...	...
...	52·586	+17·232	− 1	E	...
...	−52·504	−58·221	− 1	46.4120	10·2
...	52·503	−27·596	1·00	46.4122	10·2
...	52·466	+ 3·921	− 4	M	...
...	52·348	+16·717	− 3	M	...
*	52·333	−10·968	1·50	46.4123	9·4
61–120					
61					
...	−52·212	−57·006	0·90	46.4121	10·0
...	52·204	+32·813	0·70	...	...
...	52·089	+24·892	0·90	45.4270	10·4
...	51·754	−25·669	0·90	...	...
...	51·734	−11·179	− 4	M	...
*	−51·656	−35·272	1·00	46.4125	10·2
...	51·589	+39·881	− 4	M	...
...	51·413	−13·371	− 4	...	...
...	51·393	−37·176	− 5	...	...
...	51·290	+12·587	0·70	...	...
71					
...	−51·243	+37·418	− 5	M	...
...	51·154	+46·643	0·95	45.4271	10·4
*	51·083	−17·166	1·60	46.4127	9·3
N *	51·016	−17·691	1·40	46.4128	9·8
...	50·909	+24·086	− 1	...	...
...	−50·629	−27·358	0·85	46.4129	10·4
...	50·616	+ 0·726	− 1	E	...
...	50·524	+10·233	− 3	E	...
*	50·455	+26·250	1·00	45.4272	10·2
...	50·177	−32·415	− 1	...	...
81					
...	−50·083	+48·957	− 4	M	...
...	50·031	+14·964	− 1	...	...
...	49·613	− 0·500	− 5	M	...
...	49·588	+33·170	0·90	45.4273	10·4
...	49·541	+17·249	− 1	...	...
...	−49·355	+ 4·923	− 5	M	...
...	49·305	−22·146	− 4	...	...
...	49·278	+25·984	− 5	M	...
...	49·202	− 1·363	− 3	...	...
...	49·199	−29·722	− 5	...	...
91					
...	−48·986	−56·811	− 4	...	...
...	48·954	+ 7·959	− 2	...	...
...	48·944	− 0·820	− 4	M	...
S*	48·867	+10·692	2·80	45.4274	8·0
...	48·845	+50·660	0·90	45.4276	10·2
...	−48·776	+36·582	1·00	45.4275	10·4
...	48·681	+28·755	− 3	...	...
...	48·676	−28·008	− 2	...	...
...	48·625	+ 3·143	− 3	M	...
...	48·599	+29·822	− 5	M	...
101					
...	−48·512	+23·049	1·00	45.4277	10·4
S*	48·440	−37·159	2·65	46.4131	8·2
...	48·299	−26·029	− 3	...	...
...	47·830	−57·154	− 4	...	...
*	47·675	+11·867	1·40	45.4278	9·4
...	−47·601	+54·065	1·00	44.4419	10·0
...	47·565	− 8·544	− 5	M	...
...	47·531	+ 7·188	− 5	M	...
S*	47·471	+40·205	2·00	45.4279	9·0
...	47·426	+16·364	− 5	M	...
111					
...	−47·376	−20·394	− 2	...	...
...	47·323	−12·332	− 5	M	...
...	47·235	−37·121	− 5	M	...
...	47·151	−17·233	− 5	M	...
...	47·066	−26·223	− 4	...	...
...	−46·981	−45·792	− 3	46.4132	10·4
...	46·757	+58·660	− 5	...	...
...	46·723	+14·177	− 2	E	...
...	46·715	+58·930	− 5	...	...
...	46·621	+52·073	− 5	M	...
121–180					
121					
...	−46·361	+10·560	− 5	M	...
...	46·263	+ 5·298	0·90	45.4280	10·4
S*	46·234	−17·590	2·00	46.4133	8·8
*	46·207	+ 5·717	1·00	45.4281	10·4
*	46·132	+26·097	1·10	45.4282	10·0
...	−45·988	+20·808	− 4	M	...
...	45·900	−20·446	− 5	...	...
*	45·798	+ 2·936	1·40	45.4283	9·3
...	45·770	−53·510	− 4	...	...
*	45·656	+ 8·512	1·00	45.4284	10·0
131					
...	−45·601	−36·954	− 5	...	...
...	45·380	−28·370	0·85	46.4135	10·4
...	45·334	+32·126	− 4	M	...
...	45·331	+25·797	− 2	...	...
...	45·257	+48·389	− 4	...	...
*	−45·173	−31·989	2·10	46.4136	8·6
*	45·058	+ 5·777	1·05	45.4285	10·0
†	44·904	−11·402	0·80	...	...
†	44·899	+ 5·904	− 3	B	...
n †	44·887	−33·395	− 1	46.4137	10·0
141					
...	−44·802	−14·122	0·80	...	...
n	44·737	−33·521	1·00	46.4137	10·0
...	44·715	+18·146	− 3	M	...
...	44·640	+37·126	− 5	M	...
...	44·406	+23·337	− 4	M	...
...	−44·367	+10·570	0·90	45.4286	10·4
...	44·282	−57·693	− 5	...	...
...	44·268	−17·748	− 5	M	...
...	44·250	+46·896	− 4	M	...
...	44·223	+53·073	− 5	M	...
151					
...	−44·129	−11·603	− 5	M	...
...	44·094	−48·702	− 5	...	...
...	43·702	+13·478	− 5	M	...
†	43·656	+44·968	− 5	M	...
*	43·508	−43·736	1·40	46.4139	9·6
...	−43·484	+31·715	− 5	M	...
...	43·463	+ 6·323	0·75	...	...
...	43·313	+22·758	− 4	M	...
*	43·293	+56·508	1·95	44.4431	9·3
*	43·070	−51·164	1·00	46.4140	10·2
161					
...	−43·067	−12·504	− 5	M	...
...	43·041	−30·524	0·70	...	...
...	43·009	+28·329	− 4	M	...
...	42·969	+ 6·786	− 4	M	...
...	42·952	+27·487	− 5	M	...
...	−42·913	+48·164	− 3	...	...
...	42·887	+ 0·952	− 4	M	...
*	42·861	+30·753	1·40	45.4287	9·4
...	42·689	−31·425	− 4	...	...
*	42·595	+15·478	1·20	45.4288	9·8
171					
...	−42·534	+ 9·149	− 5	M	...
†	42·449	− 9·827	− 4	M	...
...	42·392	−13·062	0·75	...	...
...	42·375	+25·489	− 2	...	...
...	42·302	−58·360	− 2	...	...
...	−42·290	−19·151	− 4	M	...
...	42·274	+ 1·128	− 5	M	...
...	42·125	−33·290	0·85	...	...
...	41·979	+14·775	0·80	A	...
...	41·829	+53·807	− 5	M	...

Diameters remeasured by HP & MC in 1914, June; original measures inconsistent.
L measured from 1, 83, 204, 325, 460, 603, 762, 896, 1046, 1182, 1286, 1404.
C ,, ,, 37, 138, 251, 393, 527, 679, 828, 974, 1100, 1225, 1350, 1442.
74. Obscures 2nd image of 73. 140, 142. C.P.D., suspected double.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·70.	C.P.D. No.	C.P.D. Mag.
181-240					
181					
...	−41·829	+18·749	− 3	M	...
...	41·817	+ 4·387	− 5	M	...
*	41·752	− 0·908	1·15	45.4289	9·8
...	41·741	−12·195	− 5	M	...
...	41·701	+22·940	− 5	M	...
...	−41·590	−24·469	0·80	...	...
...	41·589	−26·322	0·85	...	...
*	41·382	−37·186	1·00	46.4141	10·1
...	41·325	+31·645	− 3	M	...
...	41·241	+ 5·219	− 3	M	...
191					
...	−41·228	+ 1·845	0·80	B	...
...	41·126	−23·571	− 4	...	...
...	41·076	+44·564	− 5	M	...
...	40·829	+36·613	− 4	M	...
†	40·774	−34·818	− 1	...	...
...	−40·720	+13·311	− 5	M	...
...	40·634	−27·574	− 5	M	...
...	40·500	−10·327	− 4	M	...
...	40·437	+23·181	− 5	M	...
...	40·426	+17·730	− 1	B	...
201					
*	−40·305	+36·139	1·00	45.4290	10·2
...	40·267	−38·399	− 4	...	...
...	40·203	−16·761	− 4	M	...
†	39·896	−48·892	− 3	...	...
*	39·741	−19·692	1·00	46.4142	10·2
*	−39·710	+26·847	2·00	45.4291	8·8
...	39·701	+19·558	− 2	A	...
*	39·350	+16·625	1·25	45.4292	9·6
...	39·159	+33·745	− 5	M	...
*	39·118	+27·434	1·00	45.4293	9·9
211					
...	−39·086	−52·682	− 1	46.4143	10·4
...	38·900	+40·943	1·00	...	...
*	38·743	+48·827	1·00	45.4294	10·2
...	38·637	−13·425	0·80	...	...
...	38·491	−21·820	0·90	46.4144	10·4
...	−38·053	−33·597	− 3	...	...
...	38·020	+39·652	− 5	M	...
...	37·898	+30·631	− 4	M	...
*	37·807	−18·456	1·00	46.4146	9·9
...	37·793	+27·465	− 5	M	...
221					
*	−37·788	+21·188	1·00	45.4295	10·0
...	37·763	−37·530	− 5	...	...
...	37·694	−51·122	− 5	...	...
...	37·616	+53·862	− 5	...	...
...	37·551	−55·230	1·10	46.4145	10·1
...	−37·472	−22·322	− 4	...	...
...	36·908	− 5·347	− 5	M	...
...	36·890	+29·395	− 4	M	...
...	36·841	− 5·698	− 4	M	...
...	36·770	− 7·800	− 2	M	...
231					
*	−36·689	+45·174	1·50	45.4296	9·6
...	36·533	+29·093	− 5	M	...
‡	36·450	+24·980	1·00	45.4297	10·2
...	36·365	−43·245	− 1	...	...
...	36·325	+39·199	− 1	...	...
†	−36·281	+10·012	− 3	M	...
...	36·275	+ 9·478	− 5	M	...
*	36·156	−45·813	1·25	46.4147	9·9
...	36·129	+ 7·587	− 5	M	...
...	36·045	+ 9·874	− 5	M	...
241-300					
241					
...	−35·997	+20·445	− 3	...	...
...	35·918	+47·680	1·00	45.4298	10·4
...	35·807	+ 8·109	− 2	M	...
...	35·697	−49·285	− 5	...	...
...	35·676	+18·484	0·85	45.4299	10·4
...	−35·624	+34·303	− 4	M	...
...	35·526	+20·656	− 4	M	...
*	35·324	−45·877	1·00	46.4148	10·1
†	35·123	−19·801	− 3	...	...
n‡	35·014	+44·673	1·00	45.4300	9·8
251					
†	−34·938	−12·490	0·70	...	...
†	34·924	+14·824	0·70	...	...
n	34·870	+44·565	0·80	45.4300	9·8
...	34·831	−25·837	0·75	46.4149	10·4
...	34·725	+23·911	− 3	M	...
*	−34·725	+55·327	2·00	44.4447	9·0
...	34·675	+28·959	0·95	45.4301	10·4
...	34·644	+ 3·683	− 4	M	...
...	34·523	+ 4·870	− 2	M	...
...	34·359	−53·653	− 2	...	...
261					
*	−34·323	−26·442	1·10	46.4151	9·9
...	34·289	−27·094	0·95	46.4150	10·4
...	34·122	−22·060	0·70	...	...
...	34·103	+37·964	− 5	M	...
...	34·102	+31·041	− 4	M	...
...	−34·023	− 9·222	− 3	M	...
...	33·941	+43·977	− 3	M	...
...	33·873	+ 4·299	− 3	M	...
*	33·736	+13·016	1·20	45.4302	10·0
...	33·598	−22·308	− 4	...	...
271					
*	−33·572	+ 7·695	1·25	45.4303	10·0
...	33·456	+19·874	− 2	M	...
...	33·265	+14·669	− 5	M	...
...	33·222	−32·061	− 4	...	...
...	33·184	+ 8·873	− 5	M	...
...	−33·141	−13·435	− 5	M	...
...	33·134	+10·447	− 4	M	...
...	33·077	+29·931	− 5	M	...
...	33·009	+18·515	− 5	M	...
*	32·984	+35·560	1·00	45.4306	10·8
281					
...	−32·922	+ 0·941	− 5	M	...
...	32·864	−35·518	0·65	...	...
...	32·845	− 7·864	− 3	M	...
...	32·783	−12·303	− 4	M	...
*	32·744	+ 2·770	1·00	45.4305	10·6
...	−32·735	−57·812	− 3	...	...
*	32·695	− 1·159	1·10	45.4304	10·5
...	32·623	− 8·770	0·90	46.4152	10·4
*	32·600	−13·849	1·50	46.4154	9·4
...	32·547	+45·505	− 3	M	...
291					
...	−32·392	+18·189	− 3	M	...
...	32·363	−35·938	− 1	46.4155	10·4
...	32·326	−22·464	− 4	M	...
*	32·299	−52·558	1·60	46.4153	9·4
...	32·060	+ 9·626	− 2	D	...
...	−32·024	−39·396	− 4	...	...
...	31·966	+27·338	− 5	M	...
...	31·893	+18·392	− 5	M	...
...	31·728	+ 9·822	− 5	M	...
*	31·668	+24·420	1·10	45.4307	10·8
301-360					
301					
...	−31·648	− 6·671	0·70	...	...
...	31·616	+53·669	− 5	M	...
...	31·478	−56·285	− 3	...	...
...	31·132	+ 4·648	− 5	M	...
...	30·987	−42·223	− 2	...	...
...	−30·903	+20·430	− 2	M	...
...	30·864	−52·523	1·00	...	...
...	30·839	+29·458	− 2	M	...
...	30·817	−32·170	− 5	M	...
*	30·723	+19·563	1·30	45.4308	9·8
311					
...	−30·661	+43·498	− 5	M	...
...	30·647	+52·968	− 5	M	...
...	30·623	+37·819	0·95	...	...
...	30·621	−57·938	0·65	46.4157	10·8
*	30·580	−56·394	1·30	46.4156	10·2
*	−30·380	−35·764	1·00	46.4158	10·8
N	30·371	−25·014	− 3	...	...
*	30·329	−26·694	2·90	46.4160	7·4
N	30·312	−24·957	− 5	...	...
*	30·310	−29·238	1·00	46.4159	10·4
321					
...	−30·249	+22·975	− 5	M	...
...	30·236	−14·747	− 4	M	...
...	30·097	−53·853	− 2	...	...
†	30·017	+18·420	0·70	A	...
†	29·983	+33·694	− 3	M	...
†	−29·936	+23·168	− 4	M	...
...	29·886	+12·054	− 4	M	...
...	29·768	− 8·074	− 3	...	...
...	29·742	+41·134	0·80	...	...
*	29·654	+55·309	1·00	44.4453	10·5
331					
*	−29·554	+ 6·777	0·95	45.4309	10·4
...	29·514	+16·781	− 4	M	...
...	29·439	+27·361	− 4	M	...
...	29·375	− 8·277	0·90	...	...
...	29·363	+ 7·718	− 5	M	...
...	−29·146	−56·555	− 5	...	...
S*	28·985	−52·465	2·25	46.4162	8·5
...	28 839	−33·002	0·65	...	...
...	28·794	+33·087	− 5	M	...
...	28·529	−16·505	− 5	M	...
341					
...	−28·509	−32·660	− 4	...	...
...	28·470	+12·635	− 3	M	...
...	28·464	−29·866	− 2	...	...
...	28 388	+43·240	− 5	M	...
...	28·324	−53·418	− 1	...	...
...	−28·207	+22·543	− 2	M	...
*	28·049	+31·393	1·00	45.4311	10·8
*	27·984	−26·385	1·00	...	...
...	27·938	− 6·330	− 2	...	...
...	27·904	−24·312	− 5	...	...
351					
*	−27·782	+ 6·066	1·35	45.4310	9·6
...	27·780	+22·555	− 5	M	...
...	27·715	+ 1·940	− 4	M	...
...	27·687	+31·549	− 5	M	...
†	27·627	−54·686	− 1	46.4163	10·8
...	−27·545	+ 7·742	− 4	M	...
...	27·541	+30·244	− 5	M	...
...	27·407	+46·759	− 1	...	...
*	27·392	−49·988	1·00	46.4164	10·8
...	27·374	+43·130	0·70	...	...

250, 253. C.P.D., probably mass.
317, 319. 47°·60, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·70.	C.P.D. No.	C.P.D. Mag.
361–420					
361					
...	−27·325	+48·064	− 5	M	...
...	27·130	−13·515	0·65	A	...
...	27·079	+ 1·424	− 5	M	...
...	27·049	−31·661	0·90	...	...
...	27·018	−51·346	− 3	...	...
...	−26·872	+17·095	0·90	...	...
*	26·801	+56·410	1·45	44.4457	10·0
*	26·789	+27·508	1·15	45.4312	10·0
...	26·726	+ 7·592	0·85	...	...
...	26·691	+27·032	− 4	M	...
371					
...	−26·679	+20·460	− 5	M	...
*	26·664	+41·856	1·10	45.4313	10·6
...	26·640	−49·492	− 1	...	...
*	26·546	−15·592	1·00	...	...
...	26·258	+24·782	− 5	M	...
...	−26·231	+ 3·912	− 4	M	...
...	26·219	−45·215	− 3	...	...
...	26·074	−43·145	− 5	...	...
...	26·039	+44·688	− 4	M	...
...	26·018	+33·783	− 3	...	...
381					
...	−26·010	+29·838	− 5	M	...
...	25·985	− 3·055	− 4	M	...
...	25·926	−48·722	0·85	...	...
†	25·761	−39·804	− 3	...	...
...	25·689	+47 690	− 1	...	...
...	−25·643	−12·416	0·90	...	...
...	25·618	+34·290	0·95	45.4314	10·8
...	25·603	−52·831	− 5	M	...
...	25·586	+26·882	− 5	M	...
...	25·496	+ 4·051	− 5	M	...
391					
...	−25·349	−27·690	− 2	...	...
...	25·223	+51·485	− 5	M	...
*	24·931	+10·976	0·90	...	...
*	24·917	− 1·577	1·00	45.4315	10·4
...	24·729	−30·803	0·90	...	...
...	−24·727	+43·088	− 5	M	...
...	24·446	+28·541	0·90	...	...
...	24·230	+25·928	− 1	A	...
*	24·111	+ 8·579	1·05	45.4316	10·2
...	24·054	−19·622	0·65	...	...
401					
...	−24·007	+29·669	− 4	M	...
...	23·914	−10·988	0·90	...	...
...	23·743	−22·409	− 3	...	...
...	23·711	−41·198	− 3	...	...
...	23·704	+30·660	− 4	M	...
...	−23·563	+23·429	− 4	M	...
...	23·557	+12·021	0·70	B	...
*	23·421	+12·259	1·00	45.4317	10·8
...	23·345	−42·213	− 3	...	...
...	23·322	+50·358	− 4	M	...
411					
...	−23·271	+19·168	0·90	...	...
...	23·225	+24·667	− 4	M	...
...	23·224	+28·180	− 5	M	...
...	23·214	−13·632	− 2	...	...
...	23·063	+18·775	− 1	A	...
...	−22·693	− 9·139	0·85	46.4168	10·8
...	22·668	−20·661	0·70	...	...
*	22·555	+42·969	1·00	45.4318	10·8
...	22·417	+30·870	− 1	A	...
...	22·325	+21·328	− 2	M	...
421–480					
421					
...	−22·298	+ 1·669	− 3	M	...
...	22·214	+53·147	− 5	M	...
...	22·120	− 3·533	− 4	M	...
...	21·983	−30·077	− 4	M	...
...	21·968	−30·123	− 5	M	...
*	−21·976	+22·425	1·00	...	...
...	21·975	−47·187	− 2	...	...
...	21·809	−43·212	− 5	...	...
...	21·729	−31·262	0·80	...	...
*	21·713	−44·100	1·00	46.4169	10·4
431					
...	−21·668	− 8·638	− 4	M	...
...	21·567	+12·307	− 3	M	...
...	21·561	−14·741	− 2	...	...
...	21·474	− 1·249	− 4	M	...
*	21·472	+23·090	1·00	...	...
...	−21·369	−33·443	− 1	...	...
...	21·363	+40·302	− 4	M	...
...	21·336	+ 6·946	− 5	M	...
...	21·282	−16·454	− 1	...	...
...	21·119	−50·934	− 4	...	...
441					
...	−21·027	−35·949	0·65	...	...
...	20·932	+46·054	− 4	M	...
...	20·906	−17·172	− 5	M	...
...	20·904	+26·437	− 4	M	...
*	20·825	+50·826	1·00	45.4319	10·8
...	−20·655	− 5·582	− 4	M	...
...	20·583	+47·731	− 5	M	...
*	20·529	−32·201	1·05	46.4170	10·2
...	20·521	−36·363	− 4	...	...
...	20·484	−36·315	− 4	...	...
451					
...	−20·382	−16·428	− 3	...	...
...	20·366	+ 8·887	0·80	...	...
...	20·363	+25·214	− 2	M	...
...	20·360	−10·530	− 2	...	...
...	20·232	− 9·651	0·90	46.4171	10·8
...	−20·138	−42·755	− 5	...	...
...	20·135	+36·056	0·70	A	...
...	20·119	+32·271	− 2	...	...
...	20·084	− 7·442	− 5	M	...
...	19·947	−39·891	− 4	...	...
461					
*	−19·774	+38·426	1·00	45.4321	10·8
...	19·736	+59·207	0·95	44.4466	10·8
*	19·730	− 3·267	1·30	45.4320	9·4
...	19·639	− 1·474	− 5	M	...
...	19·564	−45·848	− 4	...	...
...	−19·527	−20·485	− 5	...	...
*	19·396	−27·441	1·00	46.4172	10·4
...	19·352	−17·024	− 2	...	...
...	19·290	−54·500	− 5	...	...
...	19·157	−13·713	− 5	M	...
471					
*	−19·154	−38·917	1·00	46.4173	10·6
...	19·153	+25·234	− 5	M	...
...	18·996	+10·816	− 3	M	...
...	18·991	−31·030	− 3	...	...
*	18·865	+13·780	1·05	45.4322	10·4
...	−18·844	−12·848	− 3	M	...
*	18·746	+27·938	1·00	45.4323	10·5
*	18·680	−51·186	1·10	46.4174	10·4
...	18·500	−40·008	0·80	...	...
...	18·472	−21·101	− 2	...	...
481–540					
481					
...	−18·454	+48·757	0·90	...	...
...	18·432	−13·097	− 5	M	...
...	18·281	+37·196	0·80	...	...
*	18·265	−18·056	2·00	46.4175	8·8
...	18·171	− 1·926	− 5	M	...
...	−18·073	−22·616	0·70	...	...
...	18·006	−19·165	− 3	...	...
...	17·967	+13·401	0·70	B	...
...	17·939	+ 4·086	− 3	M	...
†	17·918	+10·121	− 4	M	...
491					
...	−17·714	−44·348	− 5	...	...
*	17·705	+43·573	1·05	45.4324	10·5
...	17·678	+29·041	0·70	...	...
...	17·601	+18·587	− 3	M	...
†	17·503	+59·916	− 5	M	...
...	−17·221	+48·438	− 5	M	...
...	16·954	+30·611	0·80	...	...
...	16·948	+45·385	− 2	M	...
...	16·701	− 6·612	− 3	M	...
...	16·596	−26·792	− 5	...	...
501					
...	−16·548	−26·690	0·65	...	...
...	16·396	−17·907	− 5	...	...
...	16·387	−52·778	− 1	...	...
*	16·335	+24·727	1·00	45.4325	10·8
...	16·246	+31·737	− 5	M	...
...	−16·241	−32·483	− 5	...	...
...	16·226	−15·572	− 3	...	...
...	16·218	− 6·886	0·80	...	...
...	16·169	−21·584	0·70	...	...
...	16·129	+12·339	0·90	...	...
511					
...	−16·076	+31·016	− 5	M	...
...	15·930	+ 4·977	− 3	B	...
...	15·894	−45·906	− 4	...	...
...	15·820	−17·955	− 5	M	...
...	15·818	+ 2·107	− 4	M	...
...	−15·744	−55·791	− 4	...	...
*	15·646	−18·728	1·15	46.4179	10·0
*	15·615	−55·029	1·20	46.4178	10·2
...	15·593	−19·994	0·70	...	...
...	15·545	−23·447	− 5	M	...
521					
...	−15·390	− 2·415	− 1	...	...
...	15·381	−23·623	− 2	...	...
...	15·369	− 3·993	0·90	...	...
...	15·161	−37·460	1·00	...	...
†	15·112	−19·785	− 3	...	...
‡	−15·095	−48·547	1·40	46.4180	9·6
†	14·983	−34·263	0·80	...	...
...	14·896	+24·398	− 4	M	...
...	14·815	+53·705	− 4	M	...
...	14·483	−36·091	− 5	...	...
531					
...	−14·434	+ 8·111	− 4	M	...
*	14·405	+ 1·304	1·00	45.4326	10·4
...	14·399	−16·263	− 4	...	...
...	14·362	−12·522	0·70	...	...
...	14·216	+ 5·964	0·85	45.4327	10·8
...	−14·168	−27·260	− 3	...	...
...	14·154	+35·803	0·70	...	...
...	14·103	+49·258	0·80	...	...
...	14·091	+26·427	0·90	45.4328	10·8
...	14·050	− 2·652	0·85	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·70.	C.P.D. No.	C.P.D. Mag.
541–600					
541					
...	−14·038	+44·811	− 2	M	...
...	13·789	+ 2·038	− 5	M	...
...	13·722	−44·040	0·75	...	...
...	13·623	+41·469	− 5	M	...
...	13·560	− 7·675	− 5	M	...
†	−13·545	+34·989	0·65	A	...
*	13·454	− 2·880	1·00	45.4329	10·8
...	13·435	− 4·646	− 5	M	...
...	13·386	+27·080	− 1	A	...
...	13·319	+40·757	− 3	M	...
551					
...	−13·264	−41·095	− 5	...	...
...	13·220	+20·894	− 3	D	...
...	13·195	− 1·963	− 3	...	...
...	13·116	+13·742	− 4	M	...
...	13·056	+13·534	0·70	B	...
...	−12·952	−24·615	− 5	M	...
...	12·910	+ 0·685	− 4	M	...
...	12·884	−11·752	− 4	...	...
...	12·878	− 3·887	− 4	M	...
...	12·872	+45·597	− 4	M	...
561					
...	−12·755	− 4·533	− 2	...	...
...	12·655	−10·058	− 2	A	...
...	12·527	−46·483	− 2	...	...
*	12·508	−41·848	1·15	46.4181	10·2
...	12·457	+ 4·733	0·70	B	...
...	−12·418	−14·220	− 5	M	...
...	12·361	+55·024	− 4	M	...
...	12·325	−17·251	− 5	M	...
...	12·318	−57·281	1·00	46.4182	10·6
*	12·304	+ 5·792	1·25	45.4330	10·0
571					
...	−12·192	+33·890	0·85	...	...
*	12·180	−31·484	1·00	...	...
*	12·015	+14·419	1·05	45.4331	10·4
*	11·940	−38·436	1·00	46.4183	10·5
...	11·882	−53·266	0·70	...	...
...	−11·857	−15·858	0·75	...	...
...	11·844	+27·765	0·95	...	...
...	11·687	+28·750	− 2	A	...
...	11·686	+10·960	0·80	...	...
*	11·527	+48·877	1·10	45.4332	10·2
581					
...	−11·408	+27·249	− 5	M	...
...	11·404	+ 6·503	− 5	M	...
...	11·355	− 7·258	− 2	A	...
...	11·333	−27·816	0·70	...	...
...	11·246	−28·424	− 2	...	...
...	−11·207	+50·628	− 5	M	...
...	11·147	+35·905	0·80	...	...
...	10·928	−12·573	0·70	...	...
...	10·854	+53·703	− 4	M	...
*	10·805	−32·284	1·20	46.4184	10·2
591					
...	−10·705	−22·811	− 3	M	...
...	10·692	+31·564	− 4	M	...
...	10·678	−13·687	0·70	...	...
...	10·607	−35·797	− 5	M	...
...	10·532	−38·099	0·95	46.4186	10·8
...	−10·391	−34·699	0·90	...	...
...	10·370	−50·788	− 4	...	...
...	10·336	− 2·072	0·70	...	...
...	10·336	−12·988	− 3	M	...
...	10·292	−18·692	− 1	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·70.	C.P.D. No.	C.P.D. Mag.
601–660					
601					
...	−10·203	+21·334	− 4	M	...
*	10·150	−24·713	1·00	46.4187	10·6
‡	10·012	+53·501	1·20	44.4475	10·0
...	9·915	+41·733	0·90	45.4334	10·8
...	9·873	+36·394	− 3	M	...
...	− 9·837	+36·243	0·80	45.4333	10·8
*	9·819	−32·339	1·25	46.4188	9·6
...	9·796	−43·254	− 4	...	...
...	9·749	−12·274	− 4	M	...
...	9·643	+37·518	− 2	...	...
611					
*	− 9·577	+45·123	1·30	45.4335	9·9
...	9·536	+29·726	0·65	...	...
...	9·374	−41·514	− 4	...	...
...	9·297	+ 2·626	0·70	B	...
...	9·216	−20·208	− 4	M	...
...	− 9·179	+27·493	− 2	M	...
...	9·153	+12·080	− 4	M	...
...	9·149	+16·119	0·90	...	...
...	9·086	−10·941	0·90	...	...
...	8·892	+ 4·988	− 2	B	...
621					
...	− 8·861	+48·174	− 4	M	...
...	8·496	+20·768	0·70	...	...
...	8·444	+25·679	− 5	M	...
...	8·330	+34·648	− 4	M	...
...	8·246	−25·079	0·75	...	...
...	− 8·155	+16·591	− 4	M	...
...	8·152	−12·105	− 4	M	...
...	7·947	+27·315	0·90	...	...
...	7·916	−44·914	− 2	...	...
...	7·898	+49·836	− 4	M	...
631					
*	− 7·857	+34·532	1·10	45.4336	10·2
...	7·809	+27·782	− 4	M	...
*	7·665	+17·623	1·00	45.4337	10·8
...	7·535	+ 0·362	− 5	M *m*	...
*	7·441	−29·260	1·00	...	...
...	− 7·425	−25·176	− 5	M *m*	...
*	7·424	−17·026	1·35	46.4190	9·5
*	7·338	+50·927	1·20	45.4338	9·9
...	7·308	+48·738	− 4	M	...
...	7·267	+14·670	0·70	A *m*	...
641					
...	− 7·207	−53·527	0·95	46.4191	10·8
*	6·924	+ 1·529	1·00	45.4339	10·0
...	6·897	+ 8·833	− 3	M *m*	...
...	6·864	+ 4·904	− 4	M *m*	...
...	6·840	−57·116	− 4	...	...
...	− 6·741	−46·463	− 5	M *m*	...
...	6·672	+31·352	− 5	M *m*	...
*	6·620	+31·057	1·00	45.4340	10·8
...	6·575	+14·164	0·70	A *m*	...
...	6·552	−29·491	− 4	...	...
651					
...	− 6·476	+ 3·638	− 1	B *m*	...
S*	6·421	− 9·122	4·20	46.4193	6·8
...	6·354	+ 5·986	− 4	M *m*	...
...	6·344	−50·187	− 5	...	...
...	6·261	−58·875	0·85	46.4194	10·8
...	− 6·156	+18·029	− 2	M *m*	...
...	6·008	+54·377	− 3	...	...
...	5·985	+ 2·672	− 5	M *m*	...
...	5·969	+27·854	− 5	M *m*	...
...	5·931	−34·243	− 2	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·70.	C.P.D. No.	C.P.D. Mag.
661–720					
661					
*	− 5·899	−24·009	1·00	46.4195	10·6
...	5·776	−18·649	0·70	...	...
...	5·747	−23·363	0·65	...	...
...	5·684	+57·087	1·00	44.4479	10·8
...	5·668	− 5·988	− 2	M *m*	...
...	− 5·651	+ 9·284	− 5	M *m*	...
...	5·631	− 6·722	− 5	M *m*	...
...	5·568	+59·000	1·00	44.4481	10·8
*	5·560	−40·867	1·00	46.4196	10·4
*	5·481	−43·252	1·00	46.4197	10·6
671					
...	− 5·480	+49·661	− 5	M *m*	...
...	5·441	−53·444	− 4	*m*	...
...	5·349	+ 9·658	0·70	B *m*	...
...	5·283	−30·977	0·70	...	...
...	5·150	−25·701	0·80	...	...
†	− 5·120	+49·810	− 5	M *m*	...
†	5·120	+40·084	0·65	*m*	...
‡	5·065	+38·003	1·00	...	...
...	4·988	− 1·712	− 3	M *m*	...
...	4·952	−12·710	− 4	M *m*	...
681					
...	− 4·949	+59·165	− 5	M *m*	...
*	4·793	+50·807	1·60	45.4341	9·5
...	4·786	− 2·740	0·70	...	...
...	4·743	−58·781	− 2	...	...
...	4·616	+33·605	− 5	M *m*	...
S*	− 4·596	+47·346	2·50	45.4342	7·8
*	4·569	−31·599	1·00	46.4198	10·2
...	4·558	−41·431	0·65	...	...
...	4·548	− 5·167	− 5	M *m*	...
...	4·528	−15·864	− 3	*m*	...
691					
...	− 4·370	−31·239	− 4	M *m*	...
...	4·329	−40·587	− 3	*m*	...
...	4·309	−17·938	− 2	*m*	...
...	4·293	+38·235	− 2	...	...
...	4·270	−15·952	− 3	M *m*	...
...	− 4·266	−58·287	− 5	...	...
...	4·238	−17·374	− 2	...	...
...	4·101	+50·999	− 4	M *m*	...
...	4·058	+37·898	− 4	M *m*	...
...	4·045	− 0·751	− 4	M *m*	...
701					
...	− 4·018	−56·163	− 4	...	...
...	3·993	−18·984	− 4	*m*	...
...	3·921	+ 7·770	0·70	A *m*	...
*	3·901	−28·619	1·35	46.4199	9·0
...	3·818	−47·700	− 5	...	...
...	− 3·755	+17·959	− 4	M *m*	...
...	3·692	+46·631	− 3	M *m*	...
...	3·605	+44·646	− 2	A *m*	...
...	3·574	−19·538	0·75	...	...
...	3·445	− 0·604	− 5	M *m*	...
711					
...	− 3·397	+54·307	− 4	M *m*	...
S*	3·382	+13·423	1·60	45.4343	8·7
...	3·375	−19·215	− 5	M *m*	...
...	3·322	−22·525	− 4	M *m*	...
...	3·320	−45·529	− 5	...	...
*	− 3·225	+16·417	1·15	45.4344	9·5
...	3·174	+ 4·646	− 1	M *b*	...
...	3·162	−17·325	− 5	M *m*	...
...	3·095	−24·578	− 1	...	...
...	3·010	+43·066	− 2	M	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·70.	C.P.D. No.	C.P.D. Mag.
721-780					
721					
...	− 2·969	−46·644	− 4	...	...
...	2·954	−52·239	− 2	...	...
‡	2·951	+39·934	1·20	45.4345	9·8
‡					
...	2·949	−37·957	− 3	...	...
...	2·865	+31·330	− 1	B m	...
...	− 2·775	−26·772	− 2	...	...
*	2·772	+20·308	1·05	45.4346	10·0
*	2·656	+43·281	1·95	45.4347	8·5
...	2·614	+13·316	− 3	M m	...
...	2·571	+54·542	− 1	...	...
731					
...	− 2·519	+ 5·654	− 5	M m	...
...	2·466	−23·188	− 2	...	...
*	2·410	+20·901	0·90	45.4348	10·4
...	2·398	+ 2·940	− 3	M b	...
...	2·366	+48·341	− 4	M m	...
...	− 2·131	−13·772	0·70	m	...
*	2·117	+15·739	1·55	45.4349	9·0
...	2·064	+42·797	− 1	...	...
...	1·995	+49·747	− 5	M m	...
...	1·947	−55·895	− 5	...	...
741					
...	− 1·915	+13·111	− 5	M m	...
...	1·729	+30·535	− 5	M m	...
...	1·686	+43·834	− 5	M m	...
...	1·647	+30·370	− 4	M m	...
...	1·592	−22·333	− 5	M m	...
...	− 1·526	−14·435	− 3	M m	...
*	1·491	−41·329	1·00	46.4200	10·0
...	1·337	+38·837	− 3	M m	...
...	1·028	+43·324	− 4	M m	...
...	1·026	−46·069	− 4	...	...
751					
*	− 0·884	+10·419	1·00	45.4350	10·4
...	0·780	−40·429	− 3	...	...
...	0·742	−45·100	− 4	...	...
*	0·622	−43·740	1·05	46.4202	10·2
...	0·602	+ 6·400	− 4	M m	...
...	− 0·527	+29·715	− 4	M m	...
...	0·525	+40·105	− 3	M m	...
...	0·436	+44·582	− 5	M m	...
...	0·425	−43·491	− 4	...	...
...	0·289	−50·580	− 3	m	...
761					
‡	− 0·114	+23·150	1·05	45.4351	10·0
‡					
...	+ 0·068	−22·529	− 2	...	...
...	0·166	−14·165	− 5	M m	...
...	0·171	−12·775	− 1	...	...
...	0·309	−32·331	− 3	...	...
...	+ 0·324	+ 8·450	− 4	M m	...
...	0·377	+11·672	− 4	M m	...
...	0·401	+31·440	− 4	M m	...
...	0·434	−30·074	− 1	...	...
...	0·458	−23·383	− 5	M m	...
771					
...	+ 0·572	−46·421	− 5	...	...
*	0·654	+18·283	1·00	45.4353	10·0
...	0·673	− 0·413	− 2	M	...
*	0·692	+38·005	1·00	45.4352	10·2
...	0·694	+28·644	− 4	M m	...
*	+ 0·806	+32·290	1·00	45.4354	10·2
...	0·924	− 5·650	− 2	M	...
...	1·021	−25·673	0·80	...	...
...	1·030	+45·957	− 4	M m	...
...	1·043	+23·099	− 5	M m	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·70.	C.P.D. No.	C.P.D. Mag.
781-840					
781					
*	+ 1·119	−12·059	0·95	46.4203	10·8
...	1·170	+45·811	− 4	M m	...
...	1·224	−11·669	− 2	...	...
...	1·264	−49·894	1·00	46.4204	10·6
...	1·273	+57·530	− 5	M m	...
...	+ 1·274	+44·532	− 3	M m	...
...	1·540	+ 0·833	− 5	M m	...
...	1·664	+ 1·080	− 3	M m	...
...	1·668	−21·870	− 3	A m	...
...	1·719	−29·996	− 3	...	...
791					
*	+ 1·778	−26·167	1·70	46.4205	9·2
...	1·821	+ 5·894	− 4	M m	...
†	1·856	− 9·933	− 5	M m	...
...	1·922	+36·295	− 3	M m	...
...	2·044	−31·823	− 5	M	...
...	+ 2·078	+28·828	0·65	...	...
...	2·232	+47·919	− 2	...	...
...	2·268	−36·656	− 1	...	...
...	2·424	+10·767	− 5	M m	...
...	2·432	−28·993	0·70	...	...
801					
...	+ 2·465	+ 6·552	0·65	B m	...
...	2·467	+14·294	0·70	M	...
...	2·640	−13·158	0·70	...	...
*	2·801	+49·007	0·95	45.4355	10·5
...	2·969	+ 7·191	− 5	M m	...
...	+ 3·064	+21·985	− 5	M m	...
...	3·100	−17·254	− 1	...	...
...	3·108	−35·866	− 2	...	...
...	3·118	+24·939	− 4	M m	...
...	3·210	−15·750	− 3	M	...
811					
...	+ 3·321	+17·292	− 5	M m	...
...	3·460	+24·926	0·70	...	...
...	3·622	+53·966	− 4	M m	...
...	3·678	+ 7·836	− 5	M m	...
...	3·701	− 8·238	− 4	M m	...
...	+ 3·750	+34·031	− 5	M m	...
*	3·921	−51·579	1·20	46.4206	10·0
...	4·120	+52·454	0·70	...	...
...	4·137	−34·412	− 5	M	...
...	4·213	−19·505	− 5	M m	...
821					
...	+ 4·276	+16·310	0·75	45.4356	10·8
...	4·298	+58·443	0·80	44.4503	10·8
...	4·440	+52·943	− 4	M m	...
...	4·454	+14·663	− 1	A m	...
...	4·574	+50·753	− 1	...	...
...	+ 4·767	−13·521	− 2	...	...
†	4·898	−18·820	− 5	M m	...
†	4·936	+ 1·339	− 5	M m	...
†	4·940	+21·154	− 4	M m	...
‡	4·949	−42·899	1·25	46.4207	10·0
831					
†	+ 4·957	+ 2·715	− 4	M m	...
...	5·033	+47·474	0·85	...	...
*	5·041	+ 4·337	1·30	45.4358	9·5
*	5·113	+35·444	1·10	45.4357	10·5
...	5·131	−49·236	− 3	...	...
...	+ 5·307	+32·944	− 5	M m	...
...	5·311	− 6·033	− 5	M m	...
...	5·385	+34·347	0·75	...	...
...	5·512	+32·974	− 5	M m	...
...	5·708	+12·642	− 5	M m	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·70.	C.P.D. No.	C.P.D. Mag.
841-900					
841					
...	+ 5·726	+ 0·805	− 5	M m	...
...	5·765	+46·928	0·90	...	...
*	5·867	−34·995	1·15	46.4208	10·2
...	5·957	+24·409	− 4	M m	...
...	5·984	−16·363	− 5	M m	...
...	+ 6·015	+18·460	− 3	M m	...
...	6·033	−23·532	− 1	...	...
...	6·208	+34·543	− 4	M m	...
...	6·481	−26·138	− 5	M m	...
...	6·536	+18·320	0·80	M	...
851					
*	+ 6·549	−21·424	1·00	46.4209	10·5
...	6·611	+ 2·403	− 2	M m	...
...	6·656	−52·825	0·90	46.4210	10·8
...	6·669	−42·657	− 5	M	...
...	6·799	−38·391	− 4	M	...
...	+ 6·813	+46·183	− 4	M m	...
...	6·897	+50·544	− 2	...	...
...	6·942	−10·903	− 2	A m	...
*	6·964	−46·515	1·25	46.4211	10·2
...	7·231	+13·298	− 3	M m	...
861					
...	+ 7·278	+39·771	− 2	b	...
...	7·278	− 9·047	− 5	M m	...
...	7·295	−13·932	− 5	M m	...
...	7·390	+55·720	− 2	...	...
...	7·405	+51·286	0·95	45.4359	10·6
...	+ 7·560	−16·071	− 4	M m	...
*	7·578	−18·921	1·00	46.4212	10·6
...	7·581	+ 7·427	0·70	b	...
...	7·805	+47·783	− 3	m	...
...	8·118	−45·336	− 4	M	...
871					
...	+ 8·143	−26·257	− 4	m	...
...	8·348	− 0·708	− 4	m	...
...	8·393	−14·003	− 5	m	...
...	8·420	+45·489	− 5	m	...
*	8·527	+16·658	1·00	45.4360	10·2
...	+ 8·560	−16·708	− 2	...	...
...	8·618	−55·891	− 4	...	...
...	8·676	−18·444	− 5	m	...
...	8·754	+49·288	− 3	m	...
*	8·843	−28·184	1·00	46.4213	10·4
881					
...	+ 8·860	+21·477	− 5	m	...
...	8·996	−12·833	0·85	...	...
...	9·087	+ 8·867	− 5	m	...
...	9·094	−11·911	− 3	a	...
...	9·146	+24·661	− 1	a	...
...	+ 9·178	+52·110	− 2	...	...
...	9·209	−38·507	0·90	46.4214	10·8
...	9·242	−23·666	− 5	m	...
...	9·244	−33·894	− 3	...	...
...	9·246	+11·703	− 5	m	...
891					
...	+ 9·258	+ 9·454	0·70	...	...
...	9·479	−10·867	0·85	...	...
...	9·579	− 4·755	− 5	m	...
...	9·682	+43·861	− 5	m	...
...	9·703	+44·158	− 4	...	...
†	+ 9·917	+10·220	− 5	m	...
...	9·976	−25·308	− 3	...	...
...	10·040	−39·695	− 3	...	...
...	10·095	−29·492	− 5	...	...
...	10·155	−57·806	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·70.	C.P.D. No.	C.P.D. Mag.
901–960					
901					
...	+10·345	+10·778	− 2	...	...
...	10·378	+ 6·815	− 2	*m*	...
...	10·468	−10·238	− 5	*m*	...
...	10·500	+16·325	− 2	*a*	...
...	10·534	−31·773	− 1	...	...
...	+10·556	+52·871	− 4	*m*	...
S *	10·573	−27·095	2·10	46.4215	8·1
...	10·598	+ 7·733	− 5	*m*	...
...	10·639	+32·134	− 5	*m*	...
...	10·856	+39·329	− 4	*m*	...
911					
...	+10·875	+23·745	− 4	*m*	...
...	10·891	−25·399	− 5	*m*	...
...	10·968	+34·012	− 1	...	...
...	10·974	−45·783	− 5	...	...
...	11·063	−17·944	− 3	*m*	...
...	+11·170	+52·611	− 5	*m*	...
*	11·237	−26·839	1·00	46.4216	10·4
...	11·340	+34·785	− 2	*m*	...
*	11·349	+ 2·110	1·10	45.4363	10·0
...	11·372	+ 4·817	− 5	*m*	...
921					
*	+11·378	−27·481	1·00	46.4217	10·4
...	11·415	+ 7·509	0·80	...	...
* [	11·446	+35·389	2·80	45.4362	7·8
* [	11·545	+35·437	1·20		
*	11·472	+44·563	1·60	45.4361	9·3
...	+11·485	+46·894	− 5	*m*	...
...	11·594	−18·453	0·85	46.4218	10·6
...	11·601	−44·183	− 1	...	...
...	11·635	+38·016	− 4	...	...
...	11·673	−16·673	− 3	*m*	...
931					
*	+11·730	+46·621	1·60	45.4364	9·2
*	11·810	−11·737	1·00	46.4219	10·5
*	11·831	+55·870	1·00	44.4519	10·8
*	11·831	+36·190	1·00	45.4365	10·2
...	11·832	+ 3·791	0·90	...	...
...	+11·902	+33·463	− 4	*m*	...
...	11·903	+ 1·317	− 2	*b*	...
...	11·910	−16·987	− 5	*m*	...
...	11·990	+48·098	− 5	*m*	...
...	12·115	−11·598	0·90	46.4220	10·6
941					
*	+12·149	−52·124	1·00	46.4222	10·2
*	12·202	−49·950	1·00	46.4223	10·8
...	12·248	+45·124	− 5	*m*	...
*	12·254	−55·205	1·20	46.4224	10·2
*	12·457	−18·682	1·00	46.4221	10·2
†	+12·490	− 9·893	− 5	*m*	...
...	12·623	+51·262	− 4	...	...
...	12·701	−49·356	− 3	...	...
...	12·918	−57·467	− 1	...	...
*	13·098	+24·567	1·00	45.4366	10·4
951					
*	+13·151	−42·992	1·00	46.4226	10·6
...	13·289	+38·450	0·80	...	...
...	13·316	−47·648	− 2	*m*	...
...	13·402	−40·783	− 5	...	...
*	13·529	−54·840	1·60	46.4228	9·4
...	+13·561	−36·974	− 2	...	...
...	13·621	+26·227	− 2	*m*	...
...	13·668	−44·137	0·90	...	...
...	13·744	−10·401	− 5	*m*	...
*	13·796	−30·683	1·05	46.4229	10·2
961–1020					
961					
...	+13·815	−51·120	0·75	...	...
...	13·816	+ 5·610	− 4	*m*	...
...	13·839	+10·245	− 3	*b*	...
...	13·950	+35·863	− 4	*m*	...
...	13·959	−28·690	− 5	*m*	...
*	+14·047	− 1·990	1·00	45.4367	10·2
...	14·176	+37·554	− 5	*m*	...
...	14·333	−15·155	− 4	*m*	...
*	14·353	−13·909	1·00	46.4230	10·4
...	14·394	+54·670	− 4	*m*	...
971					
*	+14·512	−47·983	1·00	46.4231	10·4
...	14·620	− 4·393	− 4	*m*	...
...	14·623	−43·699	0·70	...	...
†	14·940	+38·758	− 5	*m*	...
‡	14·940	−29·091	1·00	46.4232	10·2
...	+15·006	−59·603	− 2	...	...
...	15·104	+17·341	− 2	...	...
...	15·174	+14·266	− 1	*b*	...
...	15·217	+53·250	− 5	*m*	...
...	15·220	−31·892	− 4	*m*	...
981					
...	+15·319	−36·530	0·70	...	...
*	15·412	+25·543	1·20	45.4368	9·8
...	15·417	+13·394	− 3	*m*	...
...	15·486	− 8·871	− 4	*m*	...
...	15·499	+30·597	0·70	...	...
...	+15·572	−15·391	− 5	*m*	...
...	15·583	+13·213	− 4	*m*	...
‡	15·598	− 9·950	1·20	46.4234	9·9
...	15·679	+ 3·534	0·90	...	...
...	15·695	+ 5·314	− 4	*m*	...
991					
...	+15·798	+44·047	− 5	*m*	...
...	15·825	−27·272	− 5	*m*	...
...	15·853	+26·324	− 2	...	...
*	15·952	−12·052	1·40	46.4235	9·5
...	15·992	−34·884	− 5	*m*	...
...	+15·999	−56·727	− 4	...	...
...	16·009	−33·828	− 4	...	...
...	16·078	+40·210	− 5	*m*	...
...	16·086	+33·348	0·70	...	...
...	16·106	−30·816	− 3	*m*	...
1001					
*	+16·177	+49·333	1·30	45.4369	9·8
...	16·178	−38·068	− 4	...	...
...	16·345	−11·517	− 2	*a*	...
†	16·349	+10·015	− 4	*m*	...
*	16·400	+15·546	1·50	45.4371	9·0
...	+16·400	+13·522	− 3	*m*	...
*	16·405	+46·444	1·05	45.4370	9·8
...	16·417	+ 6·383	− 4	*m*	...
...	16·436	−35·860	0·90	46.4236	10·4
...	16·595	−44·181	0·95	46.4237	10·8
1011					
...	+16·753	− 0·912	− 4	*m*	...
...	16·844	− 2,960	− 3	*m*	...
...	16·971	−40.705	− 1	...	...
...	17·097	−45·296	− 2	...	...
...	17·205	−31·189	− 3	...	...
*	+17·260	−32·760	1·10	46.4238	10·0
*	17·264	+24·146	1·30	45.4372	9·4
...	17·306	+11·679	− 3	*m*	...
...	17·317	− 7·782	− 5	*m*	...
...	17·479	+34·408	− 5	*m*	...
1021–1080					
1021					
...	+17·580	+13·072	− 5	*m*	...
...	17·732	− 9·028	− 2	...	...
...	17·845	+ 6·046	0·80	...	...
...	17·881	+51·815	0·90	...	...
...	17·903	+21·583	− 4	*m*	...
...	+17·918	−27·999	− 3	...	...
...	17·934	− 7·240	− 5	*m*	...
...	18·174	+40·896	− 5	*m*	...
...	18·264	+54·702	− 5	*m*	...
...	18·265	−14·391	− 5	*m*	...
1031					
...	+18·416	−39·879	0·70	...	...
...	18·470	+11·838	− 4	*m*	...
...	18·611	− 1·716	− 3	*m*	...
...	18·624	−45·366	0·90	...	...
...	18·709	+14·713	− 5	*m*	...
...	+18·903	+28·178	− 4	*m*	...
*	18·936	+38·565	1·00	45.4373	10·2
...	18·976	− 6·715	− 4	*m*	...
...	19·123	−10·394	− 4	*m*	...
*	19·151	−15·755	0·90	46.4239	10·5
1041					
...	+19·374	+26·499	− 5	*m*	...
...	19·486	−52·284	− 5	...	...
...	19·558	− 7·824	− 5	*m*	...
...	19·601	−28·409	− 4	*m*	...
...	19·632	−22·806	− 4	*m*	...
†	+19·926	+27·114	− 2	...	...
...	19·958	−40·737	0·90	46.4240	10·8
*	20·001	+33·366	1·25	45.4374	9·6
...	20·160	−33·486	− 4	*m*	...
...	20·200	−16·720	− 5	*m*	...
1051					
...	+20·224	+12·130	− 4	*m*	...
...	20·418	−13·391	− 2	*m*	...
...	20·457	−36·254	− 5	...	...
...	20·510	−21·801	− 4	...	...
...	20·587	+51·404	− 4	...	...
...	+21·149	−56·153	− 4	...	...
*	21·170	+16·584	1·10	45.4375	10·4
...	21·312	+59·561	0·90	44.4534	10·6
...	21·484	− 1·764	− 5	*m*	...
...	21·637	+59·057	− 5	*m*	...
1061					
α ‡	+21·667	+ 0·122	1·00	45.4376	10·8
...	21·776	− 8·370	− 5	*m*	...
...	21·809	−17·062	− 5	*m*	...
...	21·935	− 1·542	− 5	*m*	...
...	21·988	+19·774	0·70	*a*	...
...	+22·037	+ 7·311	− 3	*m*	...
...	22·059	−25·224	− 5	...	...
...	22·060	−30·562	0·75	...	...
...	22·103	−13·554	− 3	...	...
...	22·113	−51·162	− 4	...	...
1071					
*	+22·210	+55·666	1·00	44.4536	10·0
...	22·293	−22·366	− 2	...	...
...	22·724	−38·540	0·70	...	...
S *	22·824	−52·941	4·80	46.4241	6·8
...	22·864	+ 1·266	− 4	*m*	...
...	+22·912	+23·784	− 4	*m*	...
...	22·930	+17·874	− 5	*m*	...
...	22·967	−11·054	0·70	...	...
...	23·392	−11·688	− 2	...	...
...	23·408	− 1·143	0·95	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·70.	C.P.D. No.	C.P.D. Mag.
1081–1140					
1081	′	′		°	
*	+23·521	+29·224	1·05	45.4377	10·4
...	23·680	− 8·317	− 4	...	...
*	23·780	+56·686	1·15	44.4540	10·0
...	23·801	−52·856	− 3	...	...
...	23·811	+19·652	0·70	...	...
...	+23·931	+ 2·927	− 5	*m*	...
...	23·944	+59·140	− 4	...	...
...	24·129	+32·806	− 5	*m*	...
...	24·234	+22·827	− 5	*m*	...
...	24·259	−40·244	− 3	...	...
1091					
...	+24·262	−17·218	− 3	...	...
...	24·424	+13·988	− 5	*m*	...
*	24·543	−22·080	0·95	46.4242	10·4
...	24·713	− 7·170	0·70	...	...
†	24·783	−44·402	0·90	...	...
†	+24·786	−20·391	− 2	...	...
†	24·787	−18·590	− 3	...	...
‡	24·801	−19·427	1·00	46.4243	10·5
‡	24·814	+44·536	1·00	45.4378	10·6
...	24·968	+25·664	− 2	*m*	...
1101					
...	+24·973	−30·534	− 3	...	...
...	24·991	+43·866	− 1	...	...
†	25·042	−29·867	0·90	46.4245	10·8
*	25·121	−13·941	1·20	46.4244	9·5
...	25·125	+23·891	− 5	*m*	...
...	+25·163	+42·236	− 5	*m*	...
*	25·214	−42·296	1·15	46.4246	10·0
...	25·238	− 3·174	− 2	...	...
...	25·459	− 1·701	− 1	...	...
...	25·466	+46·329	0·90	45.4379	10·8
1111					
...	+25·480	−16·945	− 2	...	...
*	25·488	+ 3·691	1·30	45.4380	9·4
...	25·495	−31·469	− 2	...	...
...	25·513	+38·279	− 4	*m*	...
...	25·522	+36·287	− 5	*m*	...
...	+25·534	−47·185	− 5	...	...
...	25·560	+32·347	− 5	*m*	...
...	25·588	+28·155	− 3	*m*	...
...	25·681	−51·728	− 3	...	...
*	25·719	+15·233	1·10	45.4381	10·0
1121					
...	+25·768	+14·936	− 5	*m*	...
...	26·018	+55·890	− 4	*m*	...
...	26·072	+31·908	− 2	...	...
...	26·183	+21·568	− 1	...	...
...	26·187	−51·465	− 5	*m*	...
...	+26·228	−47·588	− 2	...	...
...	26·231	− 7·906	− 5	*m*	...
...	26·247	− 1·242	− 3	...	...
†	26·458	+44·962	− 2	...	...
...	26·483	− 3·014	− 5	*m*	...
1131					
...	+26·495	+52·071	0·80	...	...
...	26·678	− 8·839	− 3	...	...
...	26·780	+22·984	0·70	...	...
...	26·899	− 7·899	− 2	...	...
...	26·994	− 2·823	− 1	...	...
...	+26·998	+ 1·147	− 2	*b*	...
...	27·094	−35·203	− 3	...	...
...	27·110	− 5·091	− 4	*m*	...
*	27·162	−20·854	0·90	46.4247	10·4
...	27·262	+50·836	− 5	*m*	...
1141–1200					
1141	′	′		°	
...	+27·334	−31·369	− 5	...	...
...	27·410	−14·561	− 1	...	...
...	27·420	−17·244	0·70	...	...
...	27·423	−12·484	0·70	...	...
...	27·433	+40·932	− 5	*m*	...
*	+27·563	−18·595	1·00	46.4248	10·2
...	27·608	−43·954	− 4	...	...
...	27·659	+43·462	− 3	*m*	...
...	27·771	−15·156	− 5	*m*	...
...	27·844	+24·675	0·75	...	...
1151					
...	+27·860	+45·277	− 4	*m*	...
...	27·969	−16·976	− 3	...	...
...	27·978	−33·010	− 5	...	...
...	27·983	+32·866	− 5	*m*	...
...	28·049	+10·548	− 3	*m*	...
...	+28·091	−25·546	− 2	...	...
*	28·115	+ 2·666	0·90	45.4382	10·6
...	28·119	+ 8·210	− 4	*m*	...
*	28·192	+ 2·145	1·00	45.4383	10·8
...	28·277	+16·682	− 5	*m*	...
1161					
...	+28·297	−44·631	− 5	...	...
†	28·301	+ 0·066	− 4	*m*	...
...	28·309	+41·008	− 5	*m*	...
...	28·431	+54·180	− 2	...	...
...	28·494	−16·891	− 3	...	...
†	+28·507	− 9·837	− 4	*m*	...
...	28·661	−38·050	0·90	46.4249	10·4
...	28·807	− 1·901	0·80	45.4384	10·8
...	28·964	− 8·614	− 2	...	...
...	28·966	−24·936	− 3	...	...
1171					
*	+28·992	−36·849	1·05	46.4250	10·2
...	29·137	+24·392	− 5	*m*	...
...	29·166	+55·423	− 5	*m*	...
...	29·244	+19·930	− 3	*m*	...
...	29·252	− 6·616	− 2	...	...
...	+29·335	+57·757	− 1	...	...
...	29·345	−38·957	0·70	...	...
...	29·355	+26·135	0·70	*b*	...
...	29·459	−33·761	− 5	...	...
...	29·583	+13·309	− 4	*m*	...
1181					
...	+29·660	+11·250	0·65	...	...
†	29·898	−36·733	− 1	...	...
...	30·022	+11·667	− 3	*m*	...
...	30·043	− 4·594	− 4	*m*	...
...	30·054	− 4·337	0·65	...	...
...	+30·352	+44·214	− 5	*m*	...
...	30·713	−25·472	− 5	...	...
...	30·768	−27·569	− 5	...	...
...	30·925	− 9·351	0·70	...	...
*	31·071	+ 7·656	1·20	45.4385	9·9
1191					
...	+31·134	− 2·959	− 4	...	...
...	31·162	+21·656	0·70	...	...
...	31·221	− 9·283	− 4	*m*	...
...	31·453	− 2·777	0·85	45.4386	10·8
‡	31·626	+ 5·211	1·30	45.4387	9·4
...	+31·877	− 9·183	0·65	...	...
...	31·924	−33·319	− 3	...	...
...	31·946	+38·875	− 4	*m*	...
...	31·953	−14·698	− 5	*m*	...
...	32·140	−16·801	− 3	...	...
1201–1260					
1201	′	′		°	
...	+32·190	+32·045	− 5	*m*	...
†	32·196	+29·997	− 2	...	...
...	32·245	+29·737	− 4	*m*	...
*	32·263	+ 6·297	1·00	45.4389	10·0
...	32·277	−24·146	− 4	...	...
*	+32·514	+35·377	1·00	45.4388	10·5
...	32·628	−10·146	− 5	*m*	...
*	32·876	+12·729	1·00	45.4390	10·4
*	32·918	−57·066	1·50	46.4253	9·8
...	33·264	+53·993	0·90	44.4554	10·8
1211					
...	+33·325	−44·440	− 4	...	...
...	33·338	−17·299	− 2	...	...
*	33·475	+47·665	1·00	45.4391	10·4
...	33·649	− 9·357	− 3	...	...
...	34·100	+29·798	− 4	*m*	...
...	+34·257	−17·269	0·90	46.4254	10·6
...	34·280	− 9·165	− 4	...	...
...	34·516	+52·456	− 4	*m*	...
...	34·565	+11·710	− 5	*m*	...
...	34·577	−41·215	− 1	...	...
1221					
...	+34·730	−23·007	− 2	...	...
†	34·745	+37·319	− 3	...	...
S ‡	34·775	+17·594	2·40	45.4392	8·3
†	34·782	−44·452	− 5	...	...
...	35·150	+59·576	− 5	*m*	...
...	+35·270	−47·380	0·90	46.4256	10·6
...	35·297	−22·739	− 3	...	...
*	35·481	+48·459	1·20	45.4393	10·2
...	35·517	+18·777	0·75	...	...
*	35·530	−13·476	1·00	46.4255	10·0
1231					
*	+35·673	+ 7·357	0·90	45.4394	10·6
†	35·679	+15·052	− 2	*m*	...
†	35·895	+39·954	0·65	...	...
*	35·962	+12·142	1·00	45.4395	10·6
...	36·014	+ 3·232	− 5	*m*	...
...	+36·216	+14·457	− 5	*m*	...
...	36·333	− 1·534	− 3	...	...
...	36·379	+ 9·364	0·70	...	...
...	36·405	+23·236	− 5	*m*	...
...	36·407	+20·213	− 4	*m*	...
1241					
...	+36·445	+ 5·487	0·75	*a*	...
†	36·516	−29·818	− 3	*m*	...
...	36·561	+32·990	− 3	*m*	...
...	36·588	+34·586	0·90	45.4397	10·8
...	36·666	−10·355	− 4	*m*	...
S *	+36·678	+49·646	1·80	45.4396	8·9
...	36·981	−31·887	0·80	46.4257	10·8
...	37·047	+59·717	− 2	...	...
...	37·106	+48·279	− 2	...	...
...	37·144	−18·537	− 4	...	...
1251					
†	+37·181	+25·002	− 2	*m*	...
...	37·228	+57·918	0·80	44.4559	10·8
†	37·422	−59·687	− 3	...	...
*	37·468	−16·343	0·90	46.4258	10·8
...	37·540	+46·689	− 1	...	...
...	+37·600	−21·147	− 2	...	...
...	37·702	− 5·572	0·90	45.4399	10·6
...	37·851	−16·607	− 2	...	...
...	37·854	−17·385	− 5	*m*	...
...	37·976	+50·034	− 5	*m*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·70.	C.P.D. No.	C.P.D. Mag.
1261-1320					
1261					
*	+37·986	+42·564	1·50	45.4398	9·4
...	37·986	+16·943	− 5	*m*	...
...	38·025	−36·578	0·75	...	...
...	38·052	+15·322	− 3	*m*	...
...	38·092	+43·544	− 4	*m*	...
...	+38·195	+ 6·229	0·75	...	...
*	38·240	−27·265	1·00	46.4259	10·2
...	38·265	+27·797	− 5	*m*	...
...	38·296	+22·994	− 5	*m*	...
...	38·402	+21·215	0·70	45.4400	10·8
1271					
*	+38·657	+36·758	1·20	45.4401	10·0
...	38·727	+34·793	− 2	...	...
...	38·772	+ 8·958	− 3	*m*	...
...	38·961	+24·770	0·70	...	...
...	38·962	−37·485	− 4	...	...
...	+38·967	−35·466	− 4	...	...
...	39·114	+29·321	− 4	*m*	...
*	39·159	−33·693	1·40	46.4260	9·5
...	39·284	− 9·332	− 5	*m*	...
...	39·481	+14·458	− 5	*m*	...
1281					
...	+39·548	+52·417	− 3	...	...
*	39·619	− 2·363	1·15	45.4403	10·5
...	39·691	+45·810	0·95	45.4402	10·6
‡	39·783	−13·194	− 3	...	...
‡	39·814	−22·282	− 3	...	...
‡	+39·882	−37·470	0·90	46.4262	10·8
...	39·927	+ 2·621	− 3	*m*	...
...	39·931	−37·109	− 5	...	...
...	39·952	−13·181	0·80	46.4261	10·8
...	40·040	−55·882	− 5	...	...
1291					
...	+40·114	−43·309	− 2	...	...
*	40·267	+ 2·554	0·90	45.4404	10·4
...	40·408	+32·641	− 3	...	...
...	40·548	+ 4·522	− 4	*m*	...
*	40·624	−36·934	1·00	46.4264	10·4
...	+40·728	−42·599	0·90	46.4265	10·4
...	40·857	+11·195	− 5	*m*	...
...	40·866	+25·194	− 4	*m*	...
...	40·881	+ 5·383	− 5	*m*	...
*	41·005	+42·564	− 4	...	...
1301					
...	+41·129	+14·960	− 4	*m*	...
...	41·517	−44·573	0·80	46.4267	10·8
...	41·684	−31·388	− 5	...	...
...	41·721	+ 5·850	− 5	*m*	...
...	41·950	−55·743	0·90	46.4270	10·4
...	+41·952	− 5·742	0·80	...	...
...	41·967	+31·742	− 3	...	...
...	42·019	−42·595	− 4	...	...
...	42·093	−32·404	− 5	...	...
...	42·111	− 7·388	− 2	*m*	...
1311					
*	+42·149	+31·715	1·00	45.4405	10·4
†	42·150	−49·756	− 5	...	...
...	42·197	+38·059	− 5	*m*	...
...	42·214	− 1·722	− 4	*m*	...
...	42·237	+12·277	− 5	*m*	...
*	+42·288	−15·517	1·30	46.4269	9·6
...	42·357	+23·713	− 2	*m*	...
...	42·411	− 4·486	0·70	...	...
...	42·429	+ 6·792	− 3	*m*	...
...	42·521	−10·678	− 5	*m*	...
1321-1380					
1321					
...	+42·605	+43·949	− 3	...	...
...	42·612	+20·938	− 5	*m*	...
†	42·649	−14·837	− 5	*m*	...
...	42·707	−15·424	− 4	...	...
...	42·739	+18·711	− 2	...	...
...	+42·765	−45·422	1·00	46.4271	10·8
...	42·914	−32·236	− 2	...	...
...	42·964	+34·646	− 1	...	...
...	43·003	+54·675	1·00	44.4569	10·8
...	43·021	+45·158	− 5	*m*	...
1331					
*	+43·072	+12·881	1·20	45.4406	9·5
*	43·182	−45·731	1·60	46.4272	9·5
...	43·234	− 7·945	− 5	*m*	...
...	43·352	−48·051	− 5	...	...
*	43·460	−58·620	1·00	46.4273	10·2
...	+43·584	−11·874	− 5	*m*	...
...	43·961	+26·782	0·90	45.4407	10·8
...	44·110	−11·247	0·65	...	...
...	44·171	+ 7·333	− 2	...	...
*	44·293	+47·647	1·00	45.4408	10·6
1341					
...	+44·323	+11·525	− 4	*m*	...
...	44·392	+43·982	− 2	...	...
...	44·393	−11·788	− 2	...	...
*	44·413	−24·424	0·75	46.4274	10·8
*	44·468	−47·427	1·10	46.4279	10·2
...	+44·512	−27·307	− 5	...	...
*	44·688	−22·825	1·00	46.4277	10·2
...	44·704	−12·572	0·85	46.4275	10·8
†	44·767	− 2·761	0·85	...	...
*	44·849	−25·223	1·20	46.4280	10·0
1351					
*	+44·914	+27·921	1·50	45.4409	9·5
*	45·003	−19·022	1·10	46.4281	10·2
*	45·187	− 2·469	1·00	45.4410	10·5
...	45·248	+52·032	− 4	*m*	...
...	45·407	−27·815	− 4	...	...
...	+45·419	+11·541	− 4	*m*	...
*	45·581	−29·072	1·00	46.4283	10·4
...	45·790	+27·628	− 5	*m*	...
*	45·848	−53·273	1·40	46.4285	9·6
*	45·855	−37·782	1·10	46.4284	10·0
1361					
...	+45·902	−24·757	0·85	...	...
...	45·920	−27·236	− 5	*m*	...
...	45·949	− 5·746	− 3	...	...
...	45·973	− 6·483	− 3	...	...
...	46·078	−34·283	0·65	...	...
...	+46·230	+ 3·065	− 3	*m*	...
...	46·392	− 0·763	− 3	*m*	...
‡	46·401	+44·994	1·70	45.4411	9·4
*	46·445	−38·341	1·00	46.4286	10·4
...	46·455	−47·578	− 2	...	...
1371					
...	+46·471	+30·204	0·70	...	...
...	46·655	+32·276	− 5	*m*	...
...	47·012	−28·363	− 5	...	...
...	47·030	+44·776	0·95	45.4412	10·5
...	47·454	+22·783	0·90	...	...
...	+47·471	+15·409	0·65	...	...
...	47·478	+52·358	− 1	...	...
...	47·595	−34·260	− 3	...	...
...	47·668	− 3·168	0·65	...	...
...	47·679	− 1·434	0·90	...	...
1381-1440					
1381					
*	+47·712	+27·243	2·30	45.4413	8·4
S *	47·809	−34·006	2·40	46.4287	8·3
...	47·863	+49·103	− 3	*a*	...
*	47·961	−49·534	2·50	46.4289	8·3
...	48·028	−55·992	0·70	46.4290	10·5
*	+48·068	+47·951	1·10	45.4414	10·2
...	48·171	+23·210	0·65	...	...
...	48·301	+17·947	− 4	*m*	...
...	48·333	− 8·424	− 4	...	...
...	48·363	+26·353	− 1	...	...
1391					
...	+48·383	− 4·085	− 4	...	...
...	48·404	−56·400	− 1	46.4291	10·6
...	48·443	+21·380	− 4	*m*	...
*	48·611	−13·862	0·95	46.4288	10·8
...	48·855	−28·930	− 4	...	...
*	+48·889	−40·427	1·00	46.4292	10·6
...	48·961	+23·878	− 5	*m*	...
...	49·027	−21·001	− 2	...	...
...	49·063	− 1·443	− 2	...	...
...	49·225	+49·396	− 4	*m*	...
1401					
...	+49·417	+23·904	− 1	...	...
...	49·605	+19·567	0·90	45.4415	10·8
...	49·686	−41·927	− 4	...	...
*	50·116	−46·896	1·00	46.4294	10·2
*	50·207	+49·654	1·60	45.4416	9·8
...	+50·214	−24·491	− 4	...	...
*	50·376	+52·086	1·70	45.4417	9·6
...	50·716	−16·391	0·85	...	...
...	51·025	+ 9·620	0·70	...	...
...	51·075	−55·730	0·95	46.4295	10·4
1411					
...	+51·164	−36·045	− 3	...	...
...	51·279	+53·982	− 4	...	...
...	51·287	+ 6·301	− 5	*m*	...
*	51·333	+ 3·008	1·00	45.4419	10·2
...	51·370	− 5·317	0·70	...	...
*	+51·790	+33·231	1·30	45.4418	9·9
...	51·940	−33·895	− 3	...	...
...	52·216	+16·556	− 4	*m*	...
*	52·271	−38·863	1·00	46.4296	10·5
...	52·294	−36·328	0·90	46.4297	10·2
1421					
...	+52·421	−36·468	− 2	...	...
*	52·591	−35·897	1·60	46.4299	9·5
*	52·600	+43·165	1·00	45.4420	10·4
*	52·612	−16·840	1·00	46.4298	10·8
...	52·744	+ 3·745	− 2	...	...
...	+52·747	−21·548	− 2	...	...
...	52·819	+ 1·354	0·85	...	...
...	52·843	−32·959	− 4	...	...
*	53·012	+23·530	1·90	45.4421	9·2
...	53·157	+29·109	− 5	*m*	...
1431					
...	+53·308	−25·859	0·75	...	...
...	53·471	+52·601	− 5	...	...
...	53·493	+14·872	− 4	*m*	...
*	53·994	−12·443	1·00	46.4300	10·5
...	54·006	−15·653	− 5	...	...
...	+54·034	− 3·068	− 1	...	...
...	54·205	+17·975	− 5	*m*	...
*	54·250	−18·689	1·40	46.4301	10·0
...	54·452	+35·704	0·70	...	...
†	54·698	+37·076	− 4	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	0·70.	No.	Mag.
1441–1460					
1441	′	′		°	
†	+54·765	+12·560	−4	*m*	...
...	54·895	−36·185	0·95	46.4303	10·8
*	55·047	− 4·760	1·00	45.4423	10·0
...	55·128	+20·807	−5	*m*	...
*	55·382	+25·158	1·00	45.4422	10·2
...	+55·450	−10·519	0·80	...	...
...	55·469	−52·057	0·95	46.4304	10·6
...	55·711	−12·359	0·65	...	...
...	55·768	−12·235	−5	*m*	...
...	55·803	−35·337	−1	...	...
1451					
...	+55·821	+53·635	−2	...	...
...	55·834	+16·993	−3	*e*	...
*	55·985	−30·813	1·30	46.4305	10·0
...	56·134	+21·565	−5	*m*	...
‡	56·184	−19·874	1·00	46.4306	10·8
...	+56·237	+40·897	−1	...	...
...	56·467	−53·126	−3	46.4308	10·8
...	56·506	+ 6·172	−2	*e*	...
...	56·528	−47·520	−1	...	...
*	56·538	+46·028	1·15	45.4424	10·2

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	0·70.	No.	Mag.
1461–1478					
1461	′	′		°	
...	+56·549	−44·603	−5	...	...
...	56·575	−25·746	−3	...	...
...	57·071	+ 8·545	−1	*e*	...
...	57·135	−14·446	−2	...	...
...	57·239	−23·678	−5	...	...
...	+57·382	+50·101	−5	*m*	...
...	57·810	+ 0·582	−5	*m*	...
...	57·949	−25·647	0·70	...	...
...	57·950	−13·841	0·90	...	...
...	57·972	+14·509	0·70	...	...
1471					
...	+58·184	−33·873	−3	...	...
*	58·215	−49·551	1·50	46.4310	10·0
...	58·963	− 0·960	−2	...	...
...	59·072	−53·654	−4	...	...
*	59·168	− 6·970	1·30	45.4425	9·6
...	+59·433	−51·725	−3	...	...
*	59·549	−57·871	3·60	46.4313	8·0
*	59·638	−31·786	1·20	46.4311	10·0

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	...	No.	Mag.

1–30					
1	′	′		°	
...	−59·770	−11·467	−4	...	...
*	59·602	−45·977	1·40	46.4272	9·5
...	59·475	−12·018	−5	...	...
...	59·377	− 2·974	−3	...	...
‡	59·231	+44·806	1·60	45.4411	9·4
...	−59·128	−12·779	−3	46.4275	10·8
...	59·062	−24·634	−3	46.4274	10·8
...	58·966	− 2·674	0·80	45.4410	10·5
...	58·938	−58·854	−1	46.4273	10·2
...	58·829	−23·035	0·90	46.4277	10·2
11					
...	−58·706	+30·027	−4	...	...
...	58·620	−19·228	0·90	46.4281	10·2
...	58·593	+44·617	−3	45.4412	10·5
*	58·582	−25·443	0·95	46.4280	10·0
...	58·394	+52·202	−4	...	...
...	−58·268	−47·625	0·80	46.4279	10·2
...	57·730	−29·257	0·65	46.4283	10·4
...	57·666	+47·810	0·65	45.4414	10·2
†	57·564	−24·934	−4	...	...
...	57·487	+22·634	−3	...	...
21					
*	−57·363	+27·101	2·00	45.4413	8·4
...	57·258	+15·265	−4	...	...
...	57·191	−37·958	0·85	46.4284	10·0
...	57·088	−34·434	−4	...	...
...	56·796	+23·083	−4	...	...
*	−56·717	−53·426	1·30	46.4285	9·6
...	56·585	−38·498	0·90	46.4286	10·4
...	56·504	− 1·566	−5	...	...
...	56·482	− 3·304	−4	...	...
...	56·279	−47·726	−5	...	...

31–60					
31	′	′		°	
...	−55·570	−34·388	−5	...	...
*	55·569	+49·581	1·20	45.4416	9·8
...	55·562	+23·807	−4	...	...
*	55·497	+52·010	1·10	45.4417	9·6
S *	55·351	−34·122	2·00	46.4287	8·3
...	−55·236	+19·477	−3	45.4415	10·8
...	55·188	−13·945	−1	46.4288	10·8
...	55·127	− 1·535	−5	...	...
*	54·710	−49·624	2·20	46.4289	8·3
...	54·668	+53·941	−5	...	...
41					
...	−54·420	−56·094	−2	46.4290	10·5
...	54·076	−40·506	−1	46.4292	10·6
...	54·048	−56·499	−2	46.4291	10·6
...	53·492	+ 9·591	−4	...	...
*	53·491	+33·218	1·10	45.4418	9·9
...	−52·990	+43·166	0·80	45.4420	10·4
...	52·990	−16·415	−4	...	...
*	52·989	+ 2·994	0·85	45.4419	10·2
...	52·681	− 5·328	−4	...	...
...	52·632	−46·930	0·75	46.4294	10·2
51					
*	−51·955	+23·557	1·30	45.4421	9·2
...	51·931	−36·052	−5	...	...
...	51·593	+ 3·765	−4	...	...
...	51·471	+ 1·385	−3	...	...
...	51·399	−55·735	−2	46.4295	10·4
...	−51·082	−16·812	−2	46.4298	10·8
...	50·916	+35·767	−3	...	...
...	50·803	−21·528	−4	...	...
...	50·792	−36·307	−1	46.4297	10·2
...	50·741	−38·831	0·65	46.4296	10·5

61–90					
61	′	′		°	
...	−50·709	+37·133	−5	...	...
...	50·668	−36·432	−4	...	...
*	50·514	−35·860	1·20	46.4299	9·5
...	50·112	−25·803	−3	...	...
...	50·097	− 3·000	−5	...	...
...	−50·073	+53·725	−5	...	...
...	49·850	−12·366	0·80	46.4300	10·5
...	49·637	+25·278	0·80	45.4422	10·2
*	49·406	−18·591	1·00	46.4301	10·1
...	49·274	+41·017	−4	...	...
71					
...	−49·132	+46·169	0·90	45.4424	10·2
*	49·045	− 4·649	0·90	45.4423	10·0
...	48·926	+17·103	−5	E	...
...	48·433	−10·398	−2	...	...
...	48·187	−36·067	0·65	46.4303	10·8
...	−48·130	−12·225	−3	...	...
...	47·914	+ 6·318	−4	E	...
...	47·424	−19·728	0·70	46.4306	10·8
...	47·418	+ 8·703	−4	E	...
...	47·298	−35·200	−5	...	...
81					
*	−47·277	−30·661	1·00	46.4305	10·0
...	47·122	−51·929	0·65	46.4304	10·6
...	46·849	−25·591	−5	...	...
...	46·717	+14·688	−3	...	...
...	46·653	−14·268	−4	...	...
...	−46·254	−23·492	−5	...	...
...	46·206	−47·346	−4	...	...
...	46·167	−59·756	−5	...	...
...	46·104	−52·961	−3	46.4308	10·8
...	45·848	−13·641	−2	...	...

MC measured from 1, 126.
ES „ „ 67, 152.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
91-150					
91				°	
...	−45·677	+56·813	− 5	...	...
...	45·474	−25·453	− 3	...	...
...	45·237	− 0·735	− 4	...	...
†	44·978	−33·650	− 5	...	...
*	44·838	− 6·728	1·05	45.4425	9·6
*	−44·469	−49·317	1·00	46.4310	10·0
...	44·327	+31·946	0·65	45.4426	10·8
...	44·248	+16·337	− 5	...	...
...	44·241	+46·034	− 2	...	...
...	44·188	+23·111	− 4	...	...
101					
...	−43·936	− 1·331	− 5	...	...
...	43·763	−13·565	− 5	A	...
*	43·726	−13·487	1·00	46.4312	9·6
*	43·604	−31·524	0·90	46.4311	10·0
...	43·482	−53·401	− 5	...	...
...	−43·181	−51·468	− 5	...	...
...	42·989	−14·777	− 4	...	...
*	42·847	−57·596	3·00	46.4313	8·0
... [	42·583	+31·700	− 1	45.4427	10·4
... [	42·574	+31·664	0·65		
111					
*	−42·525	−18·493	1·00	46.4314	10·0
...	42·460	−35·408	0·80	46.4315	10·4
*	42·366	−31·452	1·00	46.4316	10·0
...	41·850	−40·548	− 5	...	...
...	41·627	−20·914	− 5	...	...
S*	−41·461	− 7·995	1·60	46.4320	8·8
S*	41·413	+ 1·088	1·90	45.4428	8·3
n*	41·277	+42·096	0·95	45.4430	7·5
...	41·256	−55·479	− 2	46.4317	10·8
...	41·178	+ 5·843	0·70	45.4429	10·8
121					
*	−41·164	−49·290	1·20	46.4318	9·6
Sn*	41·084	+41·924	2·40	45.4430	7·5
...	41·016	−57·836	− 2	46.4319	10·6
...	40·029	+ 7·448	− 5	B	...
†	39·993	−37·429	− 2	46.4321	10·8
n*	−39·547	−35·475	1·60	46.4322	8·8
...	39·469	− 5·190	− 5	...	...
n	39·378	−35·358	0·70	46.4322	8·8
...	39·364	+58·930	− 1	44.4604	10·5
...	39·140	−15·367	− 2	...	...
131					
...	−38·996	+53·044	0·80	44.4605	10·4
...	38·883	−15·058	− 2	...	...
...	38·829	+17·406	− 4	...	...
*	38·759	−41·487	1·20	46.4323	9·8
*	38·711	+29·360	1·00	45.4431	9·6
...	−38·363	−56·576	− 5	...	...
...	38·087	−11·989	− 2	...	...
...	37·971	+11·541	− 5	...	...
...	37·780	− 7·039	− 3	45.4432	10·8
...	37·739	−14·260	− 2	...	...
141					
...	−37·615	−38·299	− 3	46.4325	10·8
...	37·546	−42·469	− 4	...	...
...	37·347	+ 9·312	− 5	M	...
...	37·030	− 3·470	− 3	...	...
...	36·929	−11·208	− 2	...	...
*	−36·893	+19·524	0·90	45.4433	10·0
...	36·362	+ 0·326	− 5	M	...
...	36·127	+44·124	− 4	45.4434	10·8
...	36·036	+43·967	− 4		
...	36·012	+14·352	− 5	...	...
151-210					
151				°	
...	−35·262	−35·474	− 4	...	...
...	34·832	−43·976	− 4	...	...
*	34·335	−22·560	1·15	46.4326	9·4
*	34·190	+14·733	1·20	45.4435	9·2
...	33·095	−36·589	− 5	...	...
...	−32·883	+51·720	0·65	45.4436	10·6
...	32·796	−50·803	− 5	...	...
...	32·708	−56·179	− 5	...	...
...	32·687	−32·448	− 3	...	...
...	32·683	− 9·741	− 4	...	...
161					
...	−32·573	−35·277	− 3	46.4328	10·8
...	32·572	−46·500	− 5	...	...
*	32·505	+55·778	1·10	44.4612	9·8
...	32·400	+58·977	− 3	44.4614	10·8
*	32·336	− 0·905	0·90	45.4437	9·8
...	−31·755	+35·643	− 3	...	...
...	31·667	+20·262	− 4	...	...
...	31·658	− 9·135	− 4	...	...
*	31·266	− 5·862	0·95	45.4438	9·5
...	31·229	+55·990	0·65	44.4618	10·6
171					
...	−31·130	+23·145	− 2	45.4440	10·8
*	30·913	+ 0·983	1·70	45.4439	8·8
...	30·826	− 4·207	− 4	...	...
...	30·660	−37·472	− 3	...	...
*	30·469	+28·864	1·05	45.4441	9·6
...	−30·456	+46·440	− 4	...	...
...	30·217	−19·541	− 2	...	...
...	30·066	−37·204	− 4	...	...
†	29·987	+32·351	0·90	45.4442	10·2
†	29·983	−33·851	− 5	...	...
181					
...	−29·845	+25·998	− 3	...	...
...	29·646	+41·325	− 4	B	...
*	29·523	−35·671	0·90	46.4329	10·2
...	29·516	− 0·317	− 1	45.4443	10·8
...	29·484	−26·302	− 4	...	...
*	−29·235	+10·399	0·90	45.4444	10·2
...	29·196	−40·305	− 5	...	...
...	29·138	+17·986	− 3	...	...
*	28·846	+50·405	0·90	45.4445	10·0
...	28·751	+21·036	− 3	...	...
191					
†	−28·635	− 9·962	− 2	46.4330	10·8
...	28·324	+36·523	− 5	A	...
...	28·264	−38·416	− 3	...	...
...	28·167	−46·465	− 4	...	...
...	28·075	+52·881	− 3	44.4621	10·8
...	−28·002	−52·259	0·70	46.4331	10·8
...	27·666	−50·823	− 5	...	...
...	27·449	− 2·135	− 5	...	...
...	27·427	+40·515	− 4	...	...
...	26·862	−38·817	− 5	...	...
201					
...	−26·318	+11·292	− 3	...	...
...	26·046	−56·872	− 5	...	...
...	25·786	−30·816	− 5	...	...
...	25·627	− 9·879	0·85	46.4332	10·4
...	25·598	+ 7·504	− 3	...	...
†	−25·034	+ 9·478	0·80	45.4446	10·2
...	24·636	−14·219	− 3	...	...
...	24·462	+42·582	− 5	...	...
...	24·414	−55·011	0·80	46.4333	10·4
...	24·379	+23·177	− 2	45.4447	10·8
211-270					
211				°	
...	−24·371	− 6·999	− 5	...	...
...	23·875	+34·675	− 5	...	...
...	23·856	− 7·719	− 5	...	...
...	23·742	+ 5·037	− 2	...	...
...	23·733	−56·569	0·80	46.4334	10·4
...	−23·625	−28·049	− 5	...	...
...	23·344	+24·506	0·70	45.4448	10·4
...	23·261	−52·394	− 5	...	...
...	23·210	+26·584	− 4	...	...
...	22·737	+57·623	− 5	...	...
221					
...	−22·486	−47·256	− 5	...	...
*	22·268	+50·736	1·80	45.4449	9·0
...	22·029	+ 7·305	− 5	...	...
...	21·972	−24·464	− 5	B	...
...	21·275	+38·800	− 4	...	...
...	−21·102	−55·515	− 5	...	...
...	21·016	−56·885	0·80	46.4336	10·4
...	21·003	+15·281	− 2	...	...
...	20·973	−23·238	− 3	...	...
...	20·543	−35·843	− 2	46.4337	10·8
231					
*	−20·500	− 4·835	0·90	45.4450	10·0
...	20·373	−10·710	− 4	...	...
...	20·054	− 6·230	− 1	45.4451	10·6
...	19·880	+57·086	0·90	44.4634	10·2
...	19·793	+29·696	− 3	...	...
...	−19·604	−31·492	0·65	46.4339	10·8
*	19·604	−55·633	1·35	46.4338	9·4
...	19·483	+ 9·224	− 3	...	...
*	19·480	−40·396	0·95	46.4341	10·0
...	19·444	−45·218	− 2	46.4340	10·8
241					
...	−19·402	+32·331	0·80	45.4453	10·4
*	19·373	+18·895	1·15	45.4452	10·0
...	19·154	−41·260	− 3	46.4343	10·8
S*	19·071	−52·085	1·20	46.4342	9·3
...	19·018	+19·410	− 5	...	...
...	−18·839	−58·177	− 4	...	...
*	18·606	−36·898	0·95	46.4344	10·0
*	18·386	+27·274	1·50	45.4454	9·2
...	18·358	−32·256	0·70	46.4345	10·4
...	18·303	+47·626	− 5	...	...
251					
...	−18·123	+20·257	− 2	45.4455	10·8
*	18·086	−28·659	1·10	46.4346	9·6
...	18·056	−27·322	0·70	46.4347	10·5
...	17·984	−32·211	− 3	...	...
...	17·893	−51·083	− 4	...	...
...	−17·725	+52·644	− 4	...	...
...	17·644	− 3·434	− 5	...	...
...	17·364	−46·734	− 3	46.4348	10·8
...	16·917	−55·780	− 5	...	...
...	16·787	−10·987	− 4	...	...
261					
...	−16·555	−26·968	− 5	...	...
...	16·528	+17·785	− 5	M	...
...	16·446	− 0·361	0·80	45.4456	10·4
...	16·433	−51·791	− 5	...	...
...	16·053	−17·288	− 5	...	...
...	−16·025	−41·129	− 2	...	...
...	15·987	−52·394	− 5	...	...
...	15·857	−23·672	− 4	...	...
*	15·749	−56·829	1·15	46.4349	9·5
...	15·544	+26·968	− 4	...	...

118, 122. C.P.D., mass.
126, 128. C.P.D., mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
271-330					
271					
*	−15′501	+46′961	1·60	45°4458	9·0
*	15·446	+14·166	0·90	45.4457	10·2
...	15·386	+10·502	− 4	...	...
...	15·272	+28·435	− 4	...	...
...	15·251	−42·513	0·85	46.4350	10·2
...	−14·937	−20·526	− 5	...	...
...	14·502	+39·488	− 5	B	...
...	14·285	+52·196	− 5	...	...
...	14·253	+21·677	− 4	45.4459	10·8
*	14·159	−45·626	0·95	46.4351	10·0
281					
...	−13·927	− 1·254	− 3	...	...
...	13·867	+24·767	− 3	...	...
...	13·544	+25·555	0·85	45.4460	10·2
...	13·487	−41·373	− 4	...	...
*	13·438	−39·524	0·95	46.4352	10·0
...	−13·275	+19·192	− 3	...	...
...	13·175	− 5·517	0·80	45.4461	10·2
...	12·963	−34·615	0·85	46.4353	10·2
...	12·802	−24·605	− 5	...	...
...	12·694	+18·372	− 2	45.4462	10·8
291					
...	−12·607	− 1·045	− 4	45.4463	10·6
...	12·071	−23·594	− 5	A	...
...	11·961	+41·337	− 4	...	...
*	11·954	− 5·129	0·90	45.4464	10·2
...	11·816	− 8·160	− 5	...	...
...	−11·680	−23·594	− 5	...	...
...	11·639	−59·235	− 5	...	...
...	11·632	+46·871	0·85	45.4465	10·2
*	11·585	+ 5·640	1·10	45.4466	9·6
S *	11·326	+18·171	1·55	45.4467	8·8
301					
...	−11·300	− 3·153	− 5	...	...
...	11·046	− 3·498	0·90	45.4468	10·2
...	11·043	−20·946	0·75	46.4354	10·2
*	10·933	−53·727	1·20	46.4355	9·6
...	10·850	+26·428	− 5	...	...
...	−10·801	+59·124	− 5	...	...
...	10·793	+11·774	0·75	45.4469	10·4
*	10·748	−59·086	2·00	46.4357	8·0
*	10·718	−51·516	0·90	46.4356	10·2
...	10·370	+21·230	− 4	B	...
311					
...	−10·353	−40·894	− 4	...	...
...	10·322	−19·581	− 5	...	...
†	10·033	−17·519	0·70	46.4358	10·4
†	9·956	+14·623	0·70	45.4470	10·5
*	9·696	+42·687	0·95	45.4471	10·2
...	− 9·602	− 8·117	− 5	...	...
...	9·573	−32·164	− 5	...	...
†	9·407	−59·798	− 4	...	...
...	9·377	−58·536	− 5	...	...
...	9·285	+ 6·126	− 3	45.4472	10·8
321					
...	− 9·108	−30·059	− 4	...	...
...	8·948	+59·520	0·75	44.4642	10·4
...	8·605	− 8·579	− 5	...	...
...	8·589	+45·595	− 5	...	...
...	8·260	+ 8·396	− 3	45.4473	10·8
...	− 8·036	−24·361	− 4	...	...
...	7·810	+53·028	0·80	44.4644	10·4
...	7·773	+16·421	0·65	45·4474	10·8
*	7·642	−39·023	0·95	46.4359	10·2
...	7·410	+24·069	0·80	45.4475	10·2

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
331-390					
331					
...	− 6′934	−40′548	0·70	46°4360	10·8
*	6·861	+38·653	1·00	45.4476	10·0
...	6·759	+19·707	0·65	45.4477	10·6
...	6·602	+31·936	− 4	*m*	...
...	6·477	−24·400	0·75	46.4362	10·2
...	− 6·348	−47·192	− 2	46.4361	10·8
...	5·873	+23·160	− 2	45.4478	10·6
...	5·449	−58·151	− 3	...	...
...	5·388	+49·721	− 5	...	...
...	5·370	+26·517	0·80	45.4479	10·4
341					
*	− 5·284	−47·749	0·85	46.4363	10·4
...	5·213	+26·326	− 5	M *m*	...
...	5·192	+25·715	0·75	45.4480	10·6
...	‡ 5·026	−22·744	1·40	46.4364	8·8
...	4·951	+49·112	− 4	...	...
...	− 4·902	− 3·312	− 5	...	...
...	4·422	+46·527	− 3	...	...
...	4·337	+14·233	− 5	*m*	...
...	4·270	+ 4·099	− 5	M *m*	...
...	3·457	−26·870	− 5	...	...
351					
S *	− 3·305	−13·766	2·00	46.4365	8·3
...	3·286	+42·995	0·90	45.4481	10·4
...	3·269	− 0·313	− 5	A *m*	...
...	3·055	+24·813	− 3	45.4482	10·8
...	2·853	+59·582	0·65	44.4654	10·5
...	− 2·852	−34·044	0·70	46.4367	10·6
...	2·333	+ 9·437	− 5	M *m*	...
...	1·718	−53·347	− 4	...	...
...	0·522	−55·316	− 5	...	...
*	0·517	−55·425	1·00	46.4369	9·9
361					
*	− 0·505	−14·170	2·20	46.4368	8·4
...	0·189	−55·795	− 4	...	...
†	− 0·031	−19·056	− 2	46.4370	10·8
...	+ 0·271	+ 7·835	0·85	45.4483	10·4
*	0·319	−33·688	1·00	46.4371	9·9
...	+ 0·379	+54·365	0·75	44.4658	10·4
...	0·484	−48·046	0·80	46.4372	10·4
*	0·516	+29·119	0·95	45.4484	10·0
...	0·695	+57·836	− 3	...	...
...	0·964	−37·587	− 3	...	...
371					
*	+ 1·379	− 8·544	1·05	46.4373	9·8
...	1·383	− 4·018	− 5	M	...
*	1·450	−23·299	0·90	46.4374	10·0
*	1·580	+ 2·022	1·35	45.4485	9·4
...	1·584	+45·289	− 2	45.4486	10·8
...	+ 1·762	+39·401	− 4	...	...
...	1·764	+17·947	− 4	M	...
...	2·993	+31·406	− 3	45.4487	10·8
...	3·106	+57·330	− 1	44.4662	10·8
...	3·341	−33·643	− 3	...	...
381					
...	+ 3·620	− 1·813	− 5	M	...
...	3·750	−25·219	− 2	46.4375	10·8
*	3·858	+21·267	1·10	45.4488	9·8
...	4·030	+28·235	− 4	...	...
...	4·175	+36·954	− 5	...	...
...	+ 4·277	+ 3·778	− 5	M *m*	...
...	4·778	− 0·466	− 4	...	...
†	4·930	+58·672	− 3	44.4663	10·8
...	5·413	+ 6·951	0·70	45.4489	10·4
...	5·486	+24·167	0·75	45.4490	10·4

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
391-450					
391					
...	+ 5′549	−12′181	− 1	46°4376	10·6
...	5·588	+30·532	− 4	*m*	...
...	5·900	+ 7·464	0·70	45.4491	10·4
...	5·940	−33·996	− 5	...	...
...	5·959	−56·686	− 1	46.4377	10·8
...	+ 6·072	+18·759	− 5	M	...
...	6·450	− 2·987	− 3	...	...
...	6·493	+28·713	− 5	M	...
...	6·538	+35·534	− 5	M *m*	...
†	6·835	+19·868	− 2	45.4492	10·8
401					
...	+ 6·942	+ 6·931	− 5	M *m*	...
N [	7·126	−51·615	− 4	...	...
...	7·271	+ 6·935	− 4	45.4493	10·8
...	7·292	−30·709	− 4	...	...
...	7·406	+ 4·856	− 4	M	...
...	+ 7·454	−16·045	− 4	...	...
...	7·760	− 1·512	− 3	45.4494	10·8
...	8·170	−47·169	− 3	...	...
...	8·172	−55·749	0·65	46.4380	10·8
...	8·889	+32·690	− 4	...	...
411					
*	+ 9·029	+46·035	0·95	45.4495	10·2
...	9·258	+ 1·216	− 5	...	...
...	9·295	−26·360	− 5	...	...
...	9·352	−27·167	− 5	...	...
...	9·444	−16·042	− 3	...	...
...	+ 9·571	− 8·439	− 3	...	...
†	9·572	−54·835	0·85	46.4382	10·4
...	9·806	−10·557	− 5	46.4383	10·8
†	9·950	+ 6·822	− 2	45.4496	10·8
...	10·249	−49·092	− 5	...	...
421					
...	+10·453	−27·441	− 3	...	...
*	10·501	+35·360	1·45	45.4497	9·0
...	10·945	+46·826	− 5	...	...
...	11·035	−46·247	− 5	...	...
*	11·097	−21·333	1·05	46.4384	9·6
...	+11·254	+ 1·855	− 3	45.4499	10·8
*	11·288	+20·473	1·10	45.4498	9·6
...	11·378	+28·217	− 2	45.4500	10·5
...	11·389	−33·916	− 5	...	...
...	11·676	+37·024	− 4	45.4501	10·6
431					
...	+12·247	−53·780	− 3	46.4385	10·8
*	12·645	−38·600	1·00	46.4386	10·0
...	12·749	−56·142	− 5	...	...
*	12·900	+ 2·746	1·05	45.4502	9·8
...	13·069	+ 3·099	− 5	*m*	...
...	+13·306	−49·505	0·70	46.4387	10·2
...	13·468	+56·474	− 4	...	...
...	13·494	− 5·519	− 4	45.4503	10·8
...	13·635	+16·805	− 3	...	...
...	13·833	−50·530	0·75	46.4388	10·2
441					
...	+13·950	+18·112	− 4	...	...
...	13·983	−33·940	− 5	...	...
...	14·208	− 9·163	− 4	...	...
...	14·265	+42·812	− 3	45.4504	10·8
*	14·464	+ 4·055	0·90	45.4505	10·0
...	+14·526	− 8·006	0·80	46.4389	10·4
...	15·018	+47·299	− 5	*b*	...
*	15·252	−47·335	1·15	46.4390	9·8
...	15·386	+12·059	− 2	45.4506	10·8
...	15·635	+53·787	0·75	44.4672	10·5

402. Mass, 47°·61, mass; 47°·62, two stars.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
451-510					
451					
*	+15′674	−26′816	1·15	46°4391	9·6
...	15·793	−56·041	− 4	...	...
...	15·908	+50·425	− 5	...	...
...	16·153	+16·500	0·85	45.4507	10·2
...	16·299	+ 6·248	− 5	*m*	...
...	+16·500	+ 9·753	− 5	*m*	...
...	16·745	+58·499	0·70	44.4673	10·8
...	16·885	−47·749	− 4	...	...
...	16·943	+39·290	− 5	...	...
*	17·070	+42·721	1·05	45.4508	10·0
461					
...	+17·649	−23·463	− 3	...	...
...	17·955	+16·299	− 5	...	...
...	18·220	+49·427	0·70	45.4509	10·4
...	18·289	+24·155	− 5	*m*	...
...	18·345	+29·562	− 2	45.4510	10·8
...	+18·753	+42·335	− 3	45.4511	10·8
...	18·785	+ 0·483	− 3	*a*	...
*	19·240	−37·169	1·20	46.4393	9·4
...	19·249	−30·787	− 3	46.4394	10·8
...	19·313	+ 6·028	− 5	*m*	...
471					
...	+19·418	−22·004	− 5	...	...
...	19·428	+44·701	− 5	...	...
...	19·670	−15·803	− 2	46.4395	10·6
...	19·817	+45·164	− 5	...	...
S ‡	19·960	+53·959	0·95	44.4675	10·0
...	+20·178	+58·248	− 5	...	...
...	20·659	−47·739	− 5	...	...
...	20·892	− 2·296	0·70	45.4512	10·8
...	21·172	−20·146	− 2	46.4396	10·5
...	21·274	+36·655	− 2	45.4513	10·8
481					
...	+21·497	−22·242	− 4	...	...
...	21·970	−13·734	− 1	46.4397	10·4
...	22·052	−29·019	− 3	...	...
...	22·636	− 1·998	− 5	...	...
S*	22·677	+ 5·673	2·50	45.4514	8·1
...	+22·769	+ 1·360	− 4	45.4515	10·8
*	23·205	−20·133	1·10	46.4399	10·0
...	23·215	−11·129	0·70	46.4398	10·2
*	23·267	−46·246	1·00	46.4400	10·0
*	23·333	+26·691	1·40	45.4516	9·2
491					
...	+23·415	+11·987	0·70	45.4518	10·6
*	23·458	+26·188	0·95	45.4517	9·6
...	23·468	+ 4·807	− 3	45.4520	10·6
...	23·557	−29·403	− 5	...	...
*	23·609	+23·147	1·40	45.4519	9·2
...	+24·257	−12·299	− 5	...	...
...	24·378	+45·987	− 5	...	...
*	24·469	−38·733	0·85	46.4401	10·0
...	24·593	+47·502	− 3	...	...
*	24·764	−17·780	0·95	46.4402	10·0
501					
†	+24·865	+ 2·894	0·75	45.4521	10·2
‡	24·884	−52·313	0·90	46.4403	10·2
...	25·289	− 1·559	− 5	...	...
...	25·301	+31·253	− 1	45.4522	10·8
...	25·580	+ 8·321	− 4	...	...
...	+25·697	+44·067	− 5	...	...
*	26·116	−23·551	1·80	46.4404	8·8
...	27·030	−17·943	− 5	...	...
...	27·189	−34·600	− 5	...	...
*	27·786	− 2·291	0·85	45.4523	10·4

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
511-570					
511					
...	+27′844	− 5′761	− 1	45°4524	10·5
...	28·017	+52·814	0·80	44.4687	10·5
...	28·385	+54·041	− 5	...	...
...	28·423	−21·500	− 5	...	...
*	28·592	−36·413	0·90	46.4405	10·2
*	+29·313	+27·557	1·05	45.4525	10·0
†	29·326	+ 9·955	− 4	45.4527	10·8
...	29·366	−44·689	− 3	...	...
...	29·450	+54·527	− 4	...	...
*	29·595	+42·995	1·15	45.4526	9·6
521					
...	+29·720	+10·080	0·75	45.4528	10·4
...	29·758	+23·603	− 5	...	...
...	30·442	+45·945	0·70	45.4529	10·5
...	30·484	−30·357	− 5	...	...
...	30·601	−50·737	− 2	46.4406	10·8
...	+30·698	−38·375	− 5	...	...
...	30·775	−53·565	− 1	46.4407	10·8
*	31·087	−25·138	1·00	46.4408	10·0
...	31·213	+11·923	− 3	...	...
...	31·284	−32·845	0·75	46.4409	10·2
531					
...	+31·573	−32·101	0·65	46.4410	10·4
...	31·916	+12·833	− 3	...	...
...	32·188	+37·913	− 4	...	...
...	32·346	− 6·039	− 2	...	...
...	32·615	+14·509	− 5	...	...
...	+32·902	−29·754	− 4	...	...
...	33·401	+55·808	0·80	44.4693	10·4
*	33·431	+33·165	1·10	45.4530	9·6
S*	33·732	−20·281	3·30	46.4411	7·2
*	34·353	+42·857	1·15	45.4531	9·5
541					
*	+34·428	+17·500	0·90	45.4532	10·2
...	35·128	−48·440	− 4	...	...
...	35·238	+46·319	− 1	...	...
...	35·280	+30·466	− 5	...	...
...	35·370	+40·290	− 1	45.4533	10·8
...	+35·858	−57·079	− 5	...	...
...	35·899	+43·791	− 5	...	...
...	35·964	+55·083	0·80	44.4698	10·4
...	35·985	+48·254	0·75	45.4534	10·4
...	36·153	+10·344	− 5	...	...
551					
...	+36·456	−13·029	0·70	46.4413	10·5
...	37·209	−29·039	− 4	...	...
...	37·214	+58·651	− 5	...	...
...	37·265	−14·560	− 5	...	...
†	37·320	+29·917	0·70	45.4535	10·8
...	+37·436	+33·788	0·70	45.4536	10·4
...	37·497	−28·234	− 2	...	...
...	37·592	−14·776	− 4	...	...
*	37·816	+22·325	1·10	45.4537	9·5
...	37·908	−45·776	− 4	...	...
561					
...	+38·339	−29·364	− 4	...	...
...	38·357	+13·477	− 3	...	...
...	38·420	−56·852	− 4	...	...
...	38·648	−29·294	− 4	...	...
...	38·843	+22·031	− 3	...	...
...	+39·350	+50·223	0·90	45.4538	10·4
...	39·718	−37·672	− 1	...	...
...	40·380	+17·601	− 5	*a*	...
...	40·496	+18·613	− 5	...	...
...	40·595	+36·596	− 5	*a*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
571-630					
571					
...	+40′868	− 6′607	− 4	° ...	...
*	41·183	+37·663	1·00	45.4539	10·0
...	41·202	−44·146	− 4	...	...
...	41·535	+40·390	0·70	45.4540	10·4
...	41·724	+48·540	− 1	45.4541	10·6
*	+41·846	+14·385	1·80	45.4542	8·8
...	41·863	− 3·082	0·70	45.4543	10·6
*	42·833	+55·384	1·45	44.4701	9·4
...	42·998	+17·087	− 5	...	...
...	43·362	+11·600	− 5	...	...
581					
...	+43·488	+ 8·161	− 4	...	...
...	43·700	+47·529	− 5	...	...
*	43·783	−13·480	1·20	46.4414	9·5
...	43·849	−44·534	− 5	...	...
...	43·915	−44·125	− 5	46.4415	10·8
...	+44·105	+24·192	− 3	45.4544	10·8
...	44·420	+ 5·169	0·70	45.4545	10·6
...	44·478	+ 1·098	− 4	...	...
*	44·565	−42·066	1·00	46.4417	10·0
...	44·635	− 1·948	− 3	...	...
591					
...	+44·685	−25·611	− 3	...	...
*	44·694	−44·560	1·70	46.4418	9·2
†	44·877	+17·522	0·70	45.4546	10·4
...	45·033	−18·658	− 4	...	...
...	45·193	− 4·709	− 5	...	...
...	+45·811	−13·261	− 5	...	...
...	46·033	−17·151	− 4	...	...
...	46·230	+55·438	− 5	...	...
...	46·419	+52·962	− 5	...	...
*	47·222	+12·842	1·90	45.4547	8·3
601					
...	+47·243	+ 1·404	− 5	...	...
...	47·611	+ 0·410	− 5	...	...
...	48·421	+39·940	− 4	...	...
...	48·490	+ 5·808	− 5	...	...
...	48·684	−41·027	− 3	...	...
S *	+48·978	−29·796	2·05	46.4420	8·1
...	49·308	−59·550	− 2	46.4421	10·8
...	49·361	− 7·309	− 1	45.4549	10·8
*	49·417	+51·362	1·80	45.4548	9·4
†	49·460	+19·918	− 3	...	...
611					
...	+49·749	+31·055	− 4	...	...
...	49·972	+23·665	− 4	...	...
...	50·017	+11·745	− 4	...	...
...	50·247	− 4·497	− 2	...	...
...	50·586	+28·722	− 5	...	...
...	+50·757	−45·068	0·65	46.4422	10·6
...	50·904	− 7·738	− 5	...	...
...	50·971	− 0·853	− 5	...	...
...	51·127	−26·192	− 4	...	...
...	51·209	−31·585	− 3	...	...
621					
...	+51·882	− 4·647	− 4	...	...
...	51·886	−55·302	− 5	...	...
...	51·911	+57·127	− 5	...	...
*	51·928	−47·116	1·00	46.4423	10·0
...	52·055	−16·465	− 5	...	...
...	+52·126	−32·893	− 5	...	...
...	52·149	− 4·459	− 3	45.4551	10·8
...	52·165	+54·336	0·90	44.4716	10·4
...	52·217	+36·017	− 5	...	...
...	52·607	+27·424	0·65	45.4550	10·6

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
631-640					
631					
...	+52·865	−56·903	− 4	46.4424	10·8
...	52·932	−49·543	− 5	...	...
*	53·921	+36·121	1·10	45.4552	10·0
*	53·986	+36·484	0·85	45.4553	10·2
*	54·973	−43·418	1·00	46.4425	10·2
...	+54·492	+17·148	− 4	45.4554	10·8
...	54·518	− 5·501	− 5	...	...
...	55·031	+24·077	0·70	45.4555	10·5
*	55·134	−28·249	1·00	46.4426	10·0
*	55·292	+19·516	1·60	45.4556	8·9
641-650					
641					
...	+55·325	−45·802	− 4	46.4427	10·8
...	56·079	−29·494	− 5	...	...
†	56·460	−59·841	0·80	46.4429	10·2
...	56·515	+43·496	− 5	...	...
S *	56·559	+50·851	2·60	45.4557	7·8
...	+56·617	−20·430	0·80	46.4428	10·2
S *	56·765	+16·551	2·40	45.4558	7·7
...	56·904	+22·330	− 4	...	...
...	57·731	+59·189	1·00	44.4718	10·2
...	58·136	−29·004	0·65	46.4430	10·5
651-655					
651					
...	+58·674	−21·514	− 5	...	...
...	58·869	+ 4·865	− 5	...	...
...	59·385	+42·317	− 5	...	...
...	59·405	+27·598	0·70	45.4559	10·8
‡	59·750	− 36·346	2·50	46.4431	8·0

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
1-40					
1					
*	−60·010	−13·723	1·10	46.4414	9·5
†	59·961	+ 4·926	0·65	45.4545	10·6
...	59·905	+17·283	− 1	45.4546	10·4
...	59·790	+ 0·872	− 5	...	...
...	59·527	− 2·173	− 4	...	...
...	−58·914	−44·357	− 5	46.4415	10·8
...	58·729	−25·824	− 4	...	...
...	58·615	−18·860	− 5	...	...
...	58·343	−42·271	0·90	46.4417	10·0
*	58·129	−44·754	1·60	46.4418	9·2
11					
*	−57·408	+12·691	1·80	45.4547	8·3
...	57·045	+39·787	− 5	...	...
...	57·036	+ 1·258	- 5	...	...
*	56·416	+51·263	1·20	45.4548	9·4
...	55·916	+ 5·695	− 5	...	...
...	−55·452	+30·951	− 4	...	...
...	55·394	+19·825	− 4	...	...
...	55·007	+23·594	− 4	...	...
...	54·658	− 7·377	− 2	45.4549	10·8
...	54·593	+11·674	− 4	...	...
21					
S ‡ ‡	−54·308	−29·863	2·00	46.4420	8·1
...	54·266	−41·116	− 4	...	...
...	53·850	− 4·550	− 3	...	...
...	53·764	+54·307	− 2	44.4716	10·4
...	53·146	+36·003	− 5	...	...
...	−53·090	− 7·775	− 4	...	...
...	53·070	−59·616	− 4	46.4421	10·8
...	52·491	+27·427	− 2	45.4550	10·6
...	52·285	−26·216	− 4	...	...
...	52·215	− 4·649	− 5	...	...
31					
...	−52·067	−45·074	− 2	46.4422	10·6
...	52·041	−31·596	− 3	...	...
...	51·931	− 4·456	− 3	45.4551	10·8
*	51·450	+36·154	1·00	45.4552	10·0
...	51·388	+36·523	− 1	45.4553	10·2
...	−51·082	−32·868	− 4	...	...
*	50·821	−47·087	0·90	46.4423	10·0
...	50·289	+17·216	− 4	45.4554	10·8
...	49·953	+24·156	− 1	45.4555	10·5
...	49·764	−49·482	− 5	...	...
41-80					
41					
...	−49·587	−56·840	− 4	46.4424	10·8
*	49·548	+19·605	1·30	45.4556	8·9
...	49·535	− 5·412	− 5	...	...
S *	49·257	+50·962	2·70	45.4557	7·8
...	49·080	+43·611	− 5	...	...
...	−48·933	−30·863	− 4	...	...
...	48·801	−43·322	0·90	46.4425	10·2
*	48·363	+59·330	0·95	44.4718	10·2
...	48·212	−28·131	0·90	46.4426	10·0
...	48·033	+22·457	− 4	...	...
51					
S *	−47·974	+16·689	2·30	45.4558	7·7
...	47·474	−45·672	− 3	46.4427	10·8
...	46·968	−20·279	0·70	46.4428	10·2
...	46·614	+57·849	− 5	...	...
...	46·172	+42·521	− 5	...	...
...	−45·900	−59·682	0·85	46.4429	10·2
...	45·698	+27·817	− 1	45.4559	10·8
...	45·533	+ 5·077	− 4	...	...
†	45·196	−28·783	− 2	46.4430	10·5
...	45·066	+27·631	− 3		
61				45.4560	10·8
...	−44·940	+27·776	− 4		
...	44·913	+50·066	− 3	45.4561	10·8
...	44·889	−21·291	− 5	...	...
...	44·189	−18·777	− 5	...	...
...	44·173	+52·186	− 5	...	...
...	−44·121	+42·636	0·80	45.4562	10·2
...	43·378	+27·188	− 2	45.4563	10·6
*	43·356	+55·413	1·20	44.4724	9·6
*	43·345	−36·072	2·00	46.4431	8·0
...	43·270	−35·997	− 3	A	...
71					
...	−43·338	+45·343	− 5	A	...
*	43·144	−27·950	1·80	46.4432	8·8
...	43·050	+12·546	− 4	...	...
...	43·017	+10·982	− 4	...	...
...	42·957	+ 1·899	− 4	...	...
*	−42·849	+45·070	2·00	45.4564	8·6
...	42·720	−23·428	− 5	...	...
...	42·714	+33·405	− 5	A	...
...	42·353	+18·886	− 5	...	...
...	42·129	+30·271	− 2	45.4567	10·8
81-120					
81					
*	−42·103	+23·071	1·70	45.4565	8·7
...	42·047	−41·971	− 5	...	...
...	41·955	+14·108	0·75	45.4566	10·4
...	41·469	+49·946	− 5	...	...
...	41·401	+11·279	− 3	...	...
...	−41·241	−15·848	− 2	...	...
...	40·996	+ 8·134	− 5	...	...
†	40·430	+29·853	− 4	...	...
*	40·371	+15·851	0·90	45.4568	9·9
...	40·063	+ 3·263	− 2	45.4569	10·8
91					
...	−40·022	28·504	− 5	...	...
...	39·927	+43·454	− 2	45.4571	10·6
...	39·764	+ 9·623	− 4	...	...
*	39·595	+ 2·293	0·95	45.4570	9·9
...	38·905	+23·532	− 4	...	...
...	−38·784	+26·297	− 1	45.4572	10·4
...	38·694	−26·158	− 5	...	...
...	38·183	+53·993	− 5	...	...
...	37·991	− 4·339	− 5	...	...
...	37·609	−48·955	− 4	46.4436	10·8
101					
...	−37·570	−42·212	− 1	...	...
...	37·368	+46·676	− 2	45.4574	10·6
...	37·336	+28·890	− 2	45.4573	10·8
...	37·186	−24·140	− 4	...	...
...	37·066	−55·761	− 3	46.4437	10·8
...	−36·947	+47·824	− 4	...	...
...	36·792	+48·072	0·70	45.4576	10·2
...	36·791	− 0·637	0·65	45.4575	10·5
...	36·686	+31·901	− 3	...	...
...	36·612	−47·172	− 4	...	...
111					
...	−36·354	+50·334	0·65	45.4577	10·2
...	36·295	−50·266	− 3	46.4439	10·8
...	35·884	+46·255	− 5	...	...
*	35·421	− 6·212	1·00	45.4578	9·6
†	35·298	+ 2·221	− 2	45.4579	10·6
†	−35·242	−32·720	− 3	...	...
†	35·228	−50·354	0·70	46.4441	10·5
...	35·081	−26·516	− 3	...	...
...	34·997	+41·009	− 2	45.4580	10·8
...	34·956	+46·812	0·80	45.4581	10·2

MC measured from 1, 145, 314, 477.
ES „ „ 59, 229, 381, 553.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
121-180					
121				°	
...	−34′417	+26′234	− 5	...	...
...	34·328	−49·684	− 5	B	...
...	34·109	−55·385	− 1	46.4442	10·5
...	34·093	+12·435	− 4	...	...
*	34·017	+57·188	1·40	44.4736	9·5
...	−33·965	−10·693	− 5	...	...
...	33·618	−17·810	− 5	...	...
*	33·507	−32·405	1·05	46.4444	9·2
*	33·157	+52·952	1·30	44.4737	9·3
...	32·833	−38·666	− 5	...	...
131					
...	−32·650	+14·045	− 5	...	...
...	32·558	−39·791	− 3	...	...
...	32·507	−48·441	− 5	...	...
...	32·344	+47·540	− 5	...	...
...	32·307	+25·332	− 4	A	...
...	−32·279	+47·120	− 5	...	...
...	32·205	−25·836	0·70	46.4445	10·4
...	31·995	+18·789	0·75	45.4582	10·2
...	31·544	− 9·583	− 5	...	...
*	31·296	−41·462	0·95	46.4446	10·0
141					
...	−31·205	− 2.995	− 5	...	...
...	31·067	+10·365	− 4	...	...
*	30·765	+52·970	1·20	44.4740	9·6
...	30·482	+15·916	0·70	45.4583	10·4
‡	30·275	−50·589	0·85	46.4447	10·2
...	−30·135	+ 7.844	− 4	...	...
...	30·096	+34·334	− 3	45.4584	10·8
...	29·919	−34·562	0·65	46.4448	10·5
...	29·584	−30·706	− 3	...	...
...	29·572	−27·254	− 4	...	...
151					
...	−29·378	+57·162	− 2	44.4742	10·6
...	29·080	−15·769	− 4	...	...
...	28·738	+51·315	− 3	45.4585	10·8
*	28·023	+ 3·445	0·90	45.4586	10·0
*	27·807	+27·265	1.00	45.4587	9·5
...	−27·732	+30·420	− 4	...	...
...	27·270	+ 7·038	− 4	A	...
...	27·135	+41·890	− 5	A	...
...	27·089	− 5·878	− 5	...	...
...	26·876	−41·724	− 4	...	...
161					
...	−26·559	−28·669	− 4	...	...
...	26·450	−41·274	− 4	...	...
...	26·365	−35·135	− 5	...	...
*	26·184	+52·458	1·20	44.4745	9·3
...	26·103	+49·085	− 3	...	...
...	−26·051	−33·969	− 5	...	...
*	25·965	+44·565	1·10	45.4588	9·4
*	25·821	−53·177	1·10	46.4449	9·5
...	25·725	−14·623	− 5	...	...
*	25·661	−35·426	0·85	46.4450	10·2
171					
...	−25·586	+30·582	0·70	45.4589	10·4
...	25·360	+31·622	− 3	...	...
...	25·211	+35·623	− 2	45.4590	10·8
...	24·795	−51·633	− 4	...	...
...	24·371	−37·706	0·70	46.4451	10·5
*	−24·255	+37·869	1·60	45.4591	8·7
...	23·757	−12·708	− 4	...	...
...	23·548	−33·389	− 3	...	...
...	23·426	+ 5.871	0·70	45.4592	10·4
...	23·207	+18·939	− 3	...	...
181-240					
181				°	
...	−22′914	− 7′660	− 3	...	...
...	22·823	− 8·969	− 4	...	...
*	22·787	−36·030	0·90	46.4452	10·2
...	22·621	−36·432	0·65	46.4453	10·6
...	22·478	−26·178	− 4	...	...
...	−22·287	+18·158	− 3	45.4593	10·6
S *	22·211	−51·334	1·30	46.4454	9·0
*	21·898	+21·974	0·80	45.4594	10·4
...	21·797	+49·738	− 4	...	...
...	21·769	−52·881	− 5	...	...
191					
...	−21·753	+51·849	− 5	...	...
...	21·752	+35·536	− 4	...	...
...	21·748	+16·885	− 3	...	...
n*	21·431	−16·135	0·90	46.4455	9·8
...	21·415	+25·178	− 5	...	...
n	−21·309	−16·218	0·65	46.4455	9·8
...	21·240	−11·467	− 4	46.4456	10·8
...	21·154	+30·189	− 3	...	...
...	21·135	+17·679	− 3	...	...
...	21·022	− 9·802	− 4	46.4458	10·8
201					
...	−20·956	−10·086	− 5	...	...
...	20·912	−10·385	− 4	46.4459	10·8
...	20·834	−41·009	− 4	...	...
...	20·832	+36·881	− 5	...	...
*	20·827	− 3·849	1·70	45.4595	8·3
...	−20·771	+47·994	− 4	...	...
...	20·475	−25·775	− 4	...	...
...	20·465	+40·925	− 5	...	...
...	20·013	+23·407	− 4	...	...
...	19·774	+15·103	− 3	...	...
211					
...	−19·759	−14·675	0·65	46.4461	10·4
...	19·725	−20·087	− 3	46.4460	10·8
...	19·351	−50·210	− 1	46.4462	10·8
...	19·236	− 9·041	− 5	...	...
...	19·172	+26·521	− 2	45.4596	10·8
...	−18·408	+13·600	− 4	...	...
...	18·361	−55·722	− 5	...	...
...	18·348	+58·942	0·65	44.4752	10·4
...	18·207	−11·531	0·70	46.4463	10·4
...	17·692	− 7·197	− 4	...	...
221					
...	−17·045	+14·203	− 4	...	...
...	16·979	−43·769	− 5	...	...
*	16·429	+56·012	1·20	44.4755	9·4
...	16·152	−28·349	− 5	...	...
...	16·067	+52·467	− 5	...	...
...	−15·965	−29·128	− 3	...	...
...	15·840	+42·047	0·75	45.4597	10·4
...	15·793	−10·312	− 4	...	...
...	15·253	+14·151	− 2	45.4598	10·8
...	15·208	+25·243	− 5	...	...
231					
...	−14·837	+59·226	− 4	44.4756	10·8
*	14·527	−17·130	1·15	46.4464	9·2
...	14·484	+18·874	− 5	...	...
...	13·968	−33·502	− 5	...	...
...	13·822	− 1·235	− 4	...	...
...	−13·765	−36·399	− 2	46.4465	10·8
...	13·688	− 7·505	− 4	...	...
...	13·551	−19·728	0·80	46.4466	10·2
*	13·537	+ 1·040	1·35	45.4599	9·0
...	13·167	−13·382	− 3	...	...
241-300					
241				°	
...	−12′844	−54′328	− 5	...	...
...	12·771	−49·342	0·65	46.4468	10·5
*	12·460	+47·583	1·10	45.4600	9·4
...	12·220	−19·008	− 5	...	...
†	12·217	−24·973	− 1	46.4469	10·5
...	−12·204	+19·208	− 5	...	...
...	12·049	+13·286	− 5	...	...
...	11·729	+38·509	− 5	...	...
...	11·696	−33·979	0·65	46.4470	10·4
*	11·375	+ 4·859	0·75	45.4601	10·0
251					
...	−11·354	−48·001	− 3	...	...
...	10·874	+42·944	− 5	...	...
...	10·746	−58·137	− 3	...	...
...	10·126	−34·507	− 2	46.4472	10·8
...	10·052	+23·010	− 4	...	...
...	− 9·798	−10·759	0·80	46.4473	10·2
...	9·738	+19·279	− 5	...	...
...	9·639	+29·366	0·65	45.4602	10·4
...	9·599	−33·510	− 5	...	...
...	9·547	−12·068	− 3	46.4474	10·8
261					
...	− 9·258	+24·805	− 1	45.4603	10·6
...	9·115	−23·299	− 3	...	...
...	9·003	+ 1·256	− 1	45.4604	10·6
...	8·884	+28·869	− 5	...	...
...	8·701	+ 3·845	− 4	...	...
...	− 8·561	+ 2·262	− 5	B	...
N*	8·417	−10·674	0·90	46.4477	9·3
N	8·390	−10·602	0·75		
...	7·975	+37·381	− 3	45.4605	10·8
...	7·923	−17·767	− 5	m	...
271					
...	− 7·651	+11·932	− 4	...	...
S *	7·482	−10·913	2·10	46.4478	7·9
...	7·480	+42·956	0·65	45.4606	10·8
*	6·850	− 7·853	1·05	46.4479	9·6
...	6·630	+50·883	− 1	45.4607	10·6
...	− 6·610	+36·179	0·80	45.4609	10·4
...	6·453	+ 0·198	− 5	βm	...
...	6·445	+29·207	0·65	45.4608	10·4
...	6·274	+42·933	− 5	...	...
...	6·187	−21·305	− 5	...	...
281					
*	− 6·069	−28·320	1·10	46.4480	9·6
...	6·032	+22·981	− 5	m	...
...	5·890	+25·371	− 5	Mm	...
...	5·764	+43·170	0·65	45.4610	10·8
...	5·745	+59·294	0·70	44.4767	10·4
...	− 5·443	−49·738	0·85	46.4481	10·2
...	5·209	−55·408	− 5	...	...
...	5·175	+45·298	− 5	...	...
...	5·076	+12·176	0·80	45.4611	10·2
...	4·966	−57·753	− 5	...	...
291					
...	− 4·900	−42·226	− 5	...	...
...	4·858	−24·604	− 2	46.4482	10·8
S *	4·583	+ 8·823	1·20	45.4612	9·2
...	4·337	+33·465	− 5	...	...
...	4·085	− 4·660	0·70	45.4613	10·5
...	− 3·910	+19·814	− 4	...	...
...	3·877	− 1·406	− 1	45.4614	10·4
...	3·706	−54·658	− 5	m	...
...	3·552	−30·075	− 5	...	...
...	2·879	−40·410	− 4	...	...

194, 196. C.P.D., mass.
267, 268. 47°62, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
301-360					
301				°	
...	− 2·854	+31·523	− 5	...	...
...	2·773	−29·793	− 3	...	...
...	2·539	− 4·720	0·65	45.4615	10·6
*	2·490	+ 8·616	1·15	45.4616	9·5
...	2·372	−42·097	− 5	...	...
...	− 2·268	−47·080	− 2	46.4483	10·8
...	1·990	−34·723	0·75	46.4484	10·2
...	1·588	−32·885	− 4	...	...
...	1·544	−59·164	− 5	...	...
...	1·285	+28·837	− 1	45.4617	10·6
311					
*	− 0·829	+59·719	1·05	44.4776	9·4
...	0·812	+38·498	− 2	45.4618	10·5
...	0·677	+21·554	− 2	45.4619	10·8
*	0·102	−18·153	2·00	46.4485	8·2
...	− 0·077	−55·003	0·75	46.4486	10·5
...	+ 0·773	+15·588	0·80	45.4620	10·2
...	1·145	−50·868	− 3	...	...
...	1·276	−56·218	− 4	...	...
...	1·535	−41·868	− 5	...	...
...	1·563	−34·660	− 4	...	...
321					
*	+ 1·612	+ 5·615	0·90	45.4621	10·0
...	1·715	−40·408	− 3	46.4487	10·8
...	1·717	−51·498	− 4	...	...
...	1·891	−15·405	− 4	...	...
...	2·274	+10·900	− 5	M *m*	...
...	+ 2·603	−35·464	− 1	46.4488	10·8
...	2·722	+ 5·613	− 5	M *m*	...
...	2·747	− 1·740	− 3	45.4622	10·8
...	2·857	−19·735	− 4	...	...
...	2·862	−13·696	0·70	46.4489	10·6
331					
*	+ 3·216	−35·412	1·20	46.4490	9·4
...	3·302	−46·901	− 4	...	...
...	3·517	−13·759	0·80	46.4491	10·2
...	3·645	+41·228	− 3	45.4623	10·8
*	3·668	−37·694	1·20	46.4492	9·4
...	+ 3·700	+28·255	− 5	M *m*	...
...	4·015	−58·996	− 1	46.4493	10·0
S*	4·370	+52·798	1·40	44.4785	8·9
...	4·713	−37·012	− 5	M	...
...	4·789	−46·392	0·80	46.4494	10·4
341					
...	+ 4·854	+31·829	− 4	...	...
...	5·110	+19·353	0·70	45.4625	10·2
*	5·196	+19·700	1·20	45.4624	9·6
...	5·200	− 4·414	− 3	45.4626	10·8
S*	5·247	−48·533	1·50	46.4495	8·6
...	+ 5·979	− 5·439	− 4	...	...
...	6·425	−28·681	− 3	...	...
...	6·606	− 2·957	− 4	...	...
...	6·617	−45·829	− 4	...	...
...	6·727	+ 6·739	− 5	M *m*	...
351					
...	+ 6·981	+41·287	− 3	45.4627	10·8
...	7·192	−28·121	− 4	...	...
...	7·441	−15·068	0·65	46.4496	10·5
...	7·538	+26·952	− 5	*m*	...
...	8·139	+24·841	− 3	45.4628	10·6
...	+ 8·573	−21·709	− 4	...	...
...	8·748	−20·642	− 4	...	...
...	8·813	−37·647	− 3	...	...
...	8·984	+37·233	− 4	...	...
*	9·114	+30·638	1·20	45.4629	9·5

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
361-420					
361				°	
...	+10·117	+55·615	− 3	44.4789	10·8
...	10·533	− 7·781	− 3	46.4497	10·8
...	10·573	−34·223	− 5	...	...
...	11·006	−44·587	− 1	46.4498	10·6
...	11·176	−52·852	− 5	...	...
*	+11·604	−40·852	0·90	46.4499	10·0
...	11·809	−15·097	− 3	...	...
...	11·958	−13·587	− 5	...	...
...	12·153	− 2·054	0·65	45.4630	10·4
...	12·202	+52·862	− 4	*a*	...
371					
...	+12·493	−10·161	0·75	46.4500	10·4
...	12·530	−57·056	− 3	46.4502	10·8
...	12·637	+15·082	0·80	45.4631	10·2
...	12·718	−21·961	0·70	46.4501	10·4
...	12·817	+ 2·744	0·70	45.4632	10·5
...	+13·021	+25·950	0·65	45.4633	10·4
...	13·729	+50·952	− 1	45.4634	10·6
...	13·825	+24·990	− 5	...	...
*	14·354	−29·431	1·30	46.4503	9·4
...	14·359	−42·454	− 2	46.4504	10·8
381					
†	+14·621	+32·886	− 5	...	...
†	14·635	+ 2·648	− 5	*m*	...
...	14·762	−15·050	− 2	46.4505	10·8
*	14·810	+38·160	1·00	45.4635	9·6
...	14·930	−38·548	− 5	...	...
...	+15·258	− 9·872	− 2	46.4507	10·8
...	15·437	−45·001	− 5	...	...
...	15·690	+47·271	0·75	45.4636	10·4
...	15·741	−49·385	− 3	...	...
...	16·006	− 5·730	0·80	45.4637	10·2
391					
†	+16·091	−39·844	0·70	46.4509	10·4
...	16·203	+40·293	− 5	...	...
...	16·210	−35·561	− 3	...	...
*	16·386	+20·333	0·85	45.4638	10·2
...	16·492	+10·779	− 2	45.4639	10·6
...	+16·688	−46·624	0·70	46.4510	10·4
...	16·831	+11·386	− 5	...	...
...	16·978	−30·192	0·65	46.4511	10·5
*	17·071	+ 8·327	0·85	45.4640	10·2
...	17·081	−47·060	− 5	...	...
401					
...	+17·454	−16·417	− 5	...	...
...	17·494	+28·902	− 5	...	...
α	17·637	− 0·253	− 2	45.4641	10·4
...	17·859	+30·271	− 5	*a*	...
...	18·330	+15·966	− 2	45.4642	10·6
*	+18·605	−33·415	1·05	46.4512	9·6
...	18·869	−44·363	0·65	46.4513	10·8
...	19·078	−28·044	− 3	...	...
...	19·190	−46·576	0·80	46.4514	10·4
...	19·453	+15·164	− 4	...	...
411					
...	+19·473	−15·690	− 5	...	...
‡	19·553	+39·932	0·85	45.4643	10·2
...	19·644	+48·870	− 5	...	...
...	19·843	+14·830	− 4	...	...
...	19·867	+57·377	− 5	...	...
...	+19·876	−25·407	− 3	...	...
...	19·892	+31·117	− 5	*a*	...
...	19·907	−32·188	− 2	...	...
...	20·002	+27·289	− 4	...	...
*	20·222	−15·817	0·80	46.4516	10·0

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
421-480					
421				°	
...	+20·277	−49·564	− 4	...	...
...	20·314	+57·168	0·85	44.4805	10·0
...	20·419	−41·050	− 3	...	...
*	20·640	−29·375	0·90	46.4517	10·0
*	20·974	+58·589	1·90	44.4808	8·5
*	+21·025	+56·583	2·30	44.4809	8·0
...	21·537	+53·855	− 5	...	...
...	21·657	−53·915	− 2	...	...
...	22·234	+19·579	− 4	...	...
...	22·269	+37·108	− 5	*a*	...
431					
...	+23·086	−36·638	0·65	46.4520	10·4
...	23·301	− 8·995	0·70	46.4519	10·0
...	23·385	−39·507	0·65	46.4521	10·8
...	23·390	+40·332	− 5	*b*	...
...	23·403	−45·861	− 4	...	...
...	+23·550	+26·062	− 4	...	...
...	23·725	−34·502	− 3	46.4522	10·8
...	23·774	−43·658	− 4	...	...
...	23·945	+34·452	− 4	...	...
...	23·951	+ 3·516	0·75	45.4644	10·2
441					
...	+24·019	− 1·891	− 3	45.4645	10·8
*	24·067	+ 5·382	0·85	45.4646	10·0
...	24·335	−28·158	− 3	...	...
...	24·393	+ 9·874	0·75	45.4647	10·2
*	24·658	+ 1·024	1·00	45.4648	9·6
...	+24·665	− 2·822	− 3	45.4649	10·8
...	24·980	+18·120	− 3	...	...
...	25·022	+28·460	0·80	45.4650	10·2
*	25·233	+23·770	1·05	45.4651	9·6
...	25·643	+10·516	− 5	...	...
451					
...	+25·645	−18·905	− 5	...	...
...	25·993	+38·131	− 2	...	...
...	26·197	− 8·816	− 5	...	...
...	26·296	+59·549	− 3	...	...
...	26·363	+30·044	− 5	...	...
*	+26·389	+24·346	0·80	45.4652	10·2
...	26·452	+54·094	0·80	44.4818	10·2
...	26·715	−21·623	− 4	...	...
...	26·771	+42·439	− 5	...	...
...	27·076	−58·584	− 1	46.4524	10·6
461					
...	+27·083	+38·666	− 3	...	...
...	27·428	−51·300	− 4	...	...
...	27·484	+23·573	0·75	45.4653	10·4
*	27·646	−36·275	0·95	46.4526	10·0
*	27·733	−43·096	0·95	46.4527	9·8
*	+27·865	+ 1·338	1·00	45.4654	9·8
*	28·013	−30·186	0·90	46.4528	9·6
...	28·100	− 8·945	− 5	...	...
...	28·380	+12·200	− 3	...	...
...	28·495	+ 5·667	− 5	*m*	...
471					
...	+28·857	+21·976	− 5	...	...
...	28·858	+26·377	− 2	...	...
...	28·942	−17·929	− 5	...	...
...	28·968	+ 5·759	− 2	45.4655	10·8
...	29·234	+16·772	− 5	...	...
*	+29·411	+16·767	1·05	45.4656	9·6
...	29·689	−29·584	− 4	...	...
...	29·785	−57·566	− 1	46.4529	10·4
...	29·943	+23·259	− 5	...	...
...	30·098	+49·748	− 3	45.4657	10·8

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
481–530					
481					
...	+30·420	+41·832	− 3	45.4658	10·8
...	30·725	−56·331	− 3	46.4532	10·5
...	30·853	−16·710	− 4	...	...
...	30·896	+12·052	− 5	...	...
*	30·916	−23·775	1·10	46.4530	9·3
*	+31·081	−12·055	1·20	46.4531	9.0
*	31·352	−20·348	1·20	46.4533	9·4
...	31·372	−44·190	− 3	...	...
n*	31·491	−53·851	1·50	46.4534	8·5
...	31·540	+50·197	0·80	45.4659	10·2
491					
...	+31·569	+58·599	− 3	44.4826	10·8
n	31·592	−53·823	0·90	46.4534	8·5
S *	32·003	+46·985	1·30	45.4660	8·6
...	32·005	+ 6·497	− 1	45.4662	10·8
...	32·015	+34·346	0·80	45.4661	10·2
...	+32·063	−56·258	− 5	...	...
...	32·077	+ 9·764	− 5	...	...
...	32·174	−22·440	− 2	46.4535	10·8
...	32·713	+44·571	− 3	45.4663	10·8
*	33·012	− 2·690	1·00	45.4664	9.6
501					
...	+33·293	+38·156	− 3	...	...
*	33·367	−58·305	1·00	46.4537	10·0
...	33·912	−23·058	0·75	46.4538	9·9
‡	34·127	−59·757	1·00	46.4539	10·0
...	34·201	−32·366	− 4	...	...
...	+34·247	+ 2·065	− 1	45.4665	10·8
...	34·255	+52·238	− 5	...	...
...	34·795	+ 7·466	− 4	...	...
...	35·148	+52·574	− 5	...	...
...	35·387	−22·839	− 1	46.4540	10·6
511					
†	+35·564	+24·895	− 5	...	...
...	35·608	−35·067	− 5	...	...
*	35·679	+37·887	1·00	45.4666	9·9
...	35·940	+19·581	− 4	...	...
...	36·054	+33·251	− 5	...	...
...	+36·170	−56·766	− 3	46.4541	10·5
†	36·517	+54·857	− 3	44.4834	10·8
...	36·759	−54·666	− 1	46.4542	10·4
...	37·076	−14·034	− 5	...	...
...	37·684	+28·060	− 3	45.4667	10·8
521					
...	+37·691	+ 2·386	0·70	45.4669	10·4
...	37·726	−44·698	− 1	46.4543	10·5
*	37·805	+35·146	1·00	45.4668	9·9
...	37·851	−32·514	− 4	...	...
...	38·010	+ 6·298	− 5	...	...
...	+38·144	−38·559	0·80	46.4545	10·4
*	38·234	−54·994	1·10	46.4546	9·9
...	38·509	−59·626	− 2	46.4548	10·4
...	38·934	−25·170	− 1	46.4547	10·4
‡	39·156	−59·742	0·95	46.4549	10·0
531–580					
531					
...	+39·279	+28·618	− 4	...	...
...	39·319	+39·761	− 2	45.4670	10·6
...	39·735	−10·385	− 4	...	...
...	39·923	− 4·461	− 4	...	...
...	39·986	− 3·834	− 5	...	...
...	+40·396	−59·198	− 5	46.4550	10·8
...	40·683	+29·280	− 4	...	...
...	40·694	+15·169	− 5	...	...
*	40·846	+50·601	1·30	45.4671	9·2
*	40·934	−31·590	1·20	46.4551	9·4
541					
...	+41·042	− 1·274	− 3	45.4672	10·8
...	41·637	+20·734	− 4	...	...
...	41·950	+14·121	− 4	...	...
...	42·006	+13·225	− 3	45.4673	10·8
...	42·141	−42·759	− 5	...	...
...	+42·360	+37·219	− 4	45.4674	10·8
...	42·868	− 6·530	− 3	...	...
...	42·962	−22·326	− 5	...	...
...	43·362	−38·859	0·75	46.4553	10·0
...	43·909	−21·450	− 2	46.4554	10·2
551					
S *	+43·981	− 3·266	2·60	45.4675	7·6
†	44·463	−50·299	− 1	46.4555	10·0
...	44·737	+33·721	− 2	45.4676	10·2
...	44·917	−30·344	− 5	...	...
...	44·986	−20·430	− 4	...	...
...	+45·000	+10·584	− 3	...	...
...	45·162	+48·676	− 5	...	...
...	45·571	−29·355	− 4	...	...
...	45·713	− 3·502	− 5	...	...
*	45·746	+40·316	1·20	45.4677	9·2
561					
...	+45·841	− 9·664	− 4	...	...
...	46·018	−22·595	− 4	...	...
...	46·033	+ 3·800	0·65	45.4678	10·2
...	46·379	−14·670	0·80	46.4556	9·8
...	46·470	−28·812	− 5	...	...
...	+46·719	− 6·568	− 5	...	...
...	47·120	−16·248	− 5	...	...
...	47·185	−22·887	− 5	...	...
...	47·534	+ 1·521	− 5	e	...
...	47·560	+33·462	0·80	45.4679	9·9
571					
†	+48·153	− 9·950	− 3	46.4557	10·2
...	48·268	− 3·749	− 5	...	...
...	48·301	+16·908	− 4	...	...
...	48·406	−29·241	− 5	...	...
...	48·739	−59·402	0·75	46.4559	10·0
*	+48·776	− 3·389	1·50	45.4680	9·0
...	49·339	+40·563	− 4	e	...
...	49·348	− 2·534	− 4	...	...
†	49·453	− 0·874	− 1	45.4683	10·0
...	49·577	−46·792	− 5	...	...
581–623					
581					
*	+49·775	+43·849	1·70	45.4681	9·2
‡	50·134	+49·808	1·50	45.4682	9·2
...	50·180	−59·317	0·65	46.4561	10·0
...	50·298	+15·732	− 3	...	...
†	50·382	+54·879	− 5	...	...
...	+50·398	+33·112	− 5	...	...
...	50·622	+18·858	− 3	...	...
...	50·672	+12·426	− 5	...	...
...	51·111	−18·341	− 5	...	...
...	51·716	+ 2·767	0·65	45.4684	10·0
591					
S *	+52·420	+ 3·951	1·50	45.4685	8·8
...	52·901	−31·296	− 5	...	...
...	53·256	− 3·418	− 4	...	...
...	53·457	− 0·394	− 5	e	...
...	53·592	+59·642	0·90	44.4859	9·8
...	+53·666	+ 8·781	− 5	...	...
...	54·261	+48·757	− 3	45.4686	10·2
*	54·274	+ 9·514	1·25	45.4687	9·2
...	54·377	−44·183	− 1	46.4562	10·2
...	55·307	−10·395	− 5	...	...
601					
*	+55·394	+ 0·671	1·00	45.4688	9·6
...	55·702	+ 6·684	− 4	...	...
...	55·743	+10·170	− 5	...	...
...	55·813	− 4·031	− 5	...	...
...	55·827	+20·782	0·75	45.4689	9·8
†	+55·977	−39·916	− 2	46.4564	10·2
...	56·098	−55·772	1·35	46.4566	9·8
...	56·133	+30·463	0·80	45.4690	9·8
S *	56·259	−23·143	1·70	46.4563	8·6
...	56·375	+14·552	− 4	...	...
611					
...	+56·407	−55·759	0·65	46.4567	10·0
...	56·447	−41·817	0·65	46.4565	10·2
...	56·781	−42·479	− 5	...	...
...	56·961	+55·249	0·85	44.4862	9·8
...	57·341	−19·284	− 3	...	...
*	+57·440	−15·392	0·90	46.4568	9·8
†	57·718	+54·820	− 5	44.4864	10·2
...	57·733	−31·700	− 2	46.4569	10·2
...	57·795	+ 0·766	− 5	...	...
...	58·201	+31·789	− 4	45.4691	10·2
621					
...	+58·452	−54·011	− 5	46.4570	10·2
*	58·478	+ 0·791	1·10	45.4693	9·4
...	58·857	+24·507	− 1	45.4692	10·2

489, 492. C.P.D., mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
1-60					
1					
...	−59·743	+51·079	− 4	...	...
*	59·728	+40·097	1·40	45.4677	9·2
...	59·661	−21·686	0·95	46.4554	10·2
*	59·642	−39·106	1·05	46.4553	10·0
...	59·554	+10·347	0·85	...	...
...	−59·435	−26·621	− 5	...	...
...	59·200	+22·835	− 5	M	...
...	58·758	− 3·818	− 5	M	...
...	58·612	−20·633	0·70	...	...
...	58·396	− 3·710	− 4	...	...
11					
...	−58·370	−30·540	− 4	...	...
...	58·361	+52·514	− 5	M	...
*	58·321	+ 3·609	1·00	45.4678	10·2
*	58·187	−50·519	1·00	46.4555	10·0
...	58·086	− 9·860	− 2	...	...
...	−58·020	−48·789	− 5	...	...
...	57·728	−29·555	0·90	...	...
*	57·717	+33·303	1·10	45.4679	9·9
...	57·557	+ 3·681	− 5	M	...
...	57·504	+16·790	− 5	M	...
21					
...	−57·499	−22·761	0·70	...	...
*	57·374	−14·833	1·10	46.4556	9·8
...	57·306	− 6·735	− 2	...	...
...	57·198	−50·438	− 4	M	...
...	56·997	−41·039	− 4	...	...
...	−56·855	−28·978	− 3	...	...
...	56·738	+ 1·372	− 4	E	...
...	56·604	−16·398	− 4	...	...
...	56·600	+ 9·289	− 5	M	...
...	56·449	+16·771	− 3	...	...
31					
...	−56·318	−23·019	− 3	...	...
...	56·157	+40·462	0·70	E	...
...	55·990	+38·303	− 4	A	...
...	55·892	+44·165	− 5	M	...
...	55·820	− 3·871	− 3	...	...
*	−55·801	+43·744	1·40	45.4681	9·2
†	55·753	−10·056	0·70	46.4557	10·2
...	55·710	−10·157	− 3	...	...
‡	55·636	+49·723	1·50	45.4682	9·2
†	55·559	+54·815	− 2	...	...
41					
*	−55·329	− 3·491	2·00	45.4680	9·0
...	55·196	+ 8·646	− 4	...	...
...	54·908	−29·337	− 4	...	...
...	54·868	+33·045	− 2	...	...
...	54·806	− 2·618	0·65	...	...
*	−54·745	− 0·948	1·00	45.4683	10·0
...	54·705	+45·820	− 4	A	...
...	54·422	+15·658	0·75	...	...
...	54·198	+18·797	0·70	...	...
...	54·044	−43·971	− 4	...	...
51					
...	−53·943	+12·369	− 4	...	...
...	53·761	+44·195	− 4	A	...
*	53·613	−59·481	1·00	46.4559	10·0
...	53·540	+43·616	− 4	B	...
...	53·190	−46·836	− 2	...	...
...	−53·116	+31·313	− 5	M	...
...	52·663	−57·581	− 5	...	...
*	52·596	+ 2·740	1·00	45.4684	10·0
...	52·526	− 8·556	− 5	M	...
...	52·525	−18·362	− 4	...	...
61-120					
61					
‡	−52·511	+59·696	1·10	44.4859	9·8
...	52·487	− 7·507	− 5	M	...
...	52·375	−11·501	− 5	...	...
*	52·181	−59·339	1·00	46.4561	10·0
S *	51·919	+ 3·959	2·05	45.4685	8·8
*	−51·507	+48·814	1·05	45.4686	10·2
...	51·331	+33·051	− 5	M	...
...	51·323	−24·280	− 3	...	...
...	50·870	− 3·388	− 3	...	...
...	50·848	+ 8·825	− 4	...	...
71					
...	−50·773	− 0·345	0·65	E	...
...	50·704	+49·374	− 4	B	...
...	50·536	+34·532	− 5	M	...
...	50·350	−31·240	− 2	...	...
*	50·245	+ 9·575	2·00	45.4687	9·2
...	−49·727	−19·114	− 5	...	...
...	49·713	+ 4·633	− 4	M	...
...	49·557	−14·531	− 4	...	...
...	49·252	−38·434	− 5	...	...
*	49·054	+20·889	0·85	45.4689	9·8
81					
*	−49·032	+30·559	0·95	45.4690	9·8
*	48·991	+55·375	0·95	44.4862	9·8
*	48·842	+ 0·767	1·10	45.4688	9·6
...	48·800	+10·275	− 2	...	...
...	48·800	−16·218	− 4	...	...
...	−48·744	+ 6·786	− 2	...	...
...	48·727	+33·868	− 5	M	...
...	48·624	+22·595	− 5	M	...
...	48·607	−10·294	− 3	...	...
...	48·542	−38·827	− 4	...	...
91					
...	−48·523	−12·409	− 5	...	...
...	48·456	−44·083	0·70	46.4562	10·2
...	48·321	+14·680	− 1	...	...
...	48·282	− 3·905	− 3	...	...
...	48·229	+54·965	− 2	44.4864	10·2
...	−47·993	+53·950	− 1	...	...
...	47·914	+37·491	− 5	M	...
...	47·358	−16·413	− 4	...	...
...	47·322	−49·724	− 5	...	...
S *	47·239	−22·996	2·25	46.4563	8·6
101					
...	−47·017	+31·963	− 1	45.4691	10·2
...	46·998	−39·770	0·65	46.4564	10·2
...	46·871	−54·017	− 3	...	...
...	46·862	+31·922	− 3	B	...
...	46·825	−16·064	− 4	...	...
...	−46·540	+18·427	− 5	M	...
*	46·470	−41·663	0·90	46.4565	10·2
...	46·447	+ 0·933	− 4	...	...
*	46·385	−55·609	1·20	46.4566	9·8
*	46·318	−15·202	0·95	46.4568	9·8
111					
...	−46·280	−19·108	− 1	...	...
...	46·154	+24·711	0·70	45.4692	10·2
...	46·110	−42·306	− 1	...	...
...	46·075	−55·582	0·85	46.4567	10·0
...	46·040	−24·234	− 5	...	...
*	−45·758	+ 0·989	1·30	45.4693	9·4
...	45·690	−28·617	− 5	...	...
*	45·571	+27·194	1·20	45.4694	9·6
...	45·567	+55·976	− 3	A	...
...	45·506	−31·506	0·75	46.4569	10·2
121-180					
121					
...	−45·236	−22·803	− 4	...	...
...	45·223	−38·946	− 3	...	...
...	44·957	+17·591	− 4	M	...
...	44·903	+17·456	− 2	...	...
...	44·837	+24·123	− 5	M	...
...	−44·773	+ 9·444	− 4	...	...
...	44·746	−48·026	− 2	...	...
...	44·684	−25·556	− 5	...	...
...	44·655	+49·289	− 4	B	...
...	44·612	− 0·936	− 1	...	...
131					
...	−44·545	−19·971	− 5	...	...
...	44·436	+50·859	− 1	...	...
...	44·398	+57·725	− 4	B	...
...	44·357	−55·320	− 4	...	...
...	44·309	+39·592	− 4	B	...
...	−44·237	−41·279	− 5	...	...
...	44·224	− 1·828	− 4	...	...
...	44·133	− 6·913	− 2	...	...
...	44·077	−53·785	− 2	46.4570	10·2
...	44·034	+48·257	− 2	...	...
141					
...	−43·585	−16·028	− 5	...	...
...	43·387	+44·439	− 5	M	...
...	43·361	+52·939	− 5	M	...
...	43·354	+27·266	− 3	A	...
...	43·324	+29·910	− 5	M	...
...	−43·285	+18·519	− 4	M	...
...	43·180	−29·100	− 5	...	...
...	43·048	−12·581	− 5	...	...
*	43·042	+30·875	1·20	45.4695	9·7
...	42·986	−29·353	− 5	...	...
151					
S *	−42·864	+37·162	1·90	45.4696	8·9
...	42·830	+ 2·633	− 5	M	...
...	42·784	−19·546	− 1	46.4571	10·2
...	42·675	−28·014	− 5	...	...
...	42·549	− 4·650	− 5	...	...
...	−42·502	−17·968	0·90	46.4572	9·9
...	42·468	−30·118	− 5	...	...
...	42·288	+45·512	− 5	M	...
...	42·095	+13·441	− 4	M	...
*	42·044	−50·768	2·00	46.4573	8·2
161					
*	−41·929	−50·718	2·10	45.4697	9·6
*	42·016	+ 6·055	1·30	45.4698	9·9
...	41·910	+10·666	0·65	45.4699	10·2
...	41·465	− 7·636	0·75	44·4870	10·2
...	41·454	+52·720	0·75	...	...
†	−41·442	+24·903	− 1	...	...
*	41·403	+16·941	1·00	45.4700	9·8
...	41·158	−27·085	− 3	...	...
...	41·119	−33·705	− 1	...	...
...	41·103	−27·522	− 2	...	...
171					
...	−41·006	+50·199	0·95	45.4701	10·0
...	40·939	−43·658	− 4	...	...
*	40·903	−37·546	1·60	46.4575	9·2
...	40·735	−44·384	− 5	...	...
...	40·673	+33·031	− 3	A	...
...	−40·645	−49·734	− 1	...	...
...	40·464	−53·564	− 5	...	...
...	40·388	−36·190	− 4	...	...
...	40·366	+23·077	− 1	45.4702	10·2
†	40·121	−49·002	− 4	...	...

L measured from 1, 181, 307, 451, 584, 711.
MC „ „ 76, 245, 377, 505, 644, 789.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
181–240					
181					
*	−39·926	−25·581	0·95	46.4577	9·9
*	39·879	+35·846	1·15	45.4704	9·8
*	39·821	− 7·268	1·05	45.4703	9·9
...	39·773	−42·664	0·85	46.4576	10·2
...	39·741	− 8·355	− 5	M	...
...	−39·574	+39·319	− 5	M	...
...	39·101	+51·265	− 5	M	...
...	39·100	+23·749	− 3	A	...
...	39·014	−22·872	− 4	...	...
...	38·751	−48·250	− 5	...	...
191					
...	−38·463	+44·633	− 5	M	...
*	37·760	+ 7·091	1·00	45.4705	10·0
...	37·715	−52·992	0·70	46.4578	10·2
...	37·679	+28·840	0·85	...	...
...	37·537	−53·063	− 5	...	...
...	−37·377	−58·938	− 1	...	...
†	36·873	−30·012	0·65	...	...
...	36·857	+57·850	− 5	M	...
...	36·837	+ 5·339	− 2	...	...
...	36·445	+45·646	0·90	45.4706	10·2
201					
...	−36·378	− 5·189	− 2	...	...
...	36·054	−12·674	− 5	...	...
...	36·009	−24·593	− 4	...	...
...	35·925	−45·391	− 5	...	...
...	35·881	+15·751	− 5	M	...
*	−35·778	−53·945	1·40	46.4579	9·4
...	35·640	+41·106	− 5	M	...
*	35·504	+26·734	1·10	45.4707	9·8
...	35·488	−55·684	− 1	...	...
...	35·429	−25·578	0·95	46.4580	10·2
211					
...	−35·389	+40·646	− 4	A	...
...	35·336	+10·429	− 5	M	...
*	34·988	−41·407	1·00	46.4581	9·8
*	34·932	+21·742	2·60	45.4708	8·4
...	34·915	+12·818	0·90	45.4709	10·2
*	−34·632	+11·093	1·00	45.4710	9·9
*	34·521	+ 6·863	1·00	45.4711	9·9
*	34·514	+37·252	1·00	45.4712	9·9
*	34·501	−52·375	1·00	46.4582	10·2
...	33·864	+55·745	− 5	M	...
221					
...	−33·850	−57·239	− 5	...	...
...	33·775	−36·723	− 5	...	...
...	33·638	+42·241	− 5	M	...
*	33·354	−27·059	0·95	46.4583	10·2
...	33·272	+11·602	− 5	...	...
...	−33·251	+10·114	− 5	M	...
...	33·189	− 7·968	− 5	...	...
...	33·170	+38·349	− 5	M	...
...	32·941	−18·217	− 2	...	...
*	32·937	+32·092	1·00	45.4713	9·9
231					
...	−32·519	+30·423	− 4	A	...
...	32·403	− 5·139	− 5	...	...
‡	31·962	+54·726	1·00	44.4883	9·9
...	31·829	−40·167	− 5	...	...
...	31·731	+21·604	0·90		
*	−31·654	+21·504	1·30	45.4714	9·5
...	31·520	+52·119	− 1	...	...
*	30·943	−32·921	2·00	46.4584	9·0
...	30·937	+34·305	− 4	...	...
...	30·616	+13·789	− 5	M	...
241–300					
241					
...	−30·548	+17·153	− 5	M	...
†	30·339	+44·744	− 5	M	...
*	30·275	+ 6·166	1·00	45.4715	9·8
*	30·268	−41·476	1·00	46.4585	10·0
...	29·925	+25·784	− 1	45.4716	10·2
*	−29·910	−27·704	1·00	46.4587	9·8
...	29·713	+57·543	0·85	44.4886	10·2
...	29·670	−49·791	− 4	...	...
...	29·592	−50·200	− 2	...	...
...	29·573	+24·674	− 4	...	...
251					
*	−29·192	+45·291	1·10	45.4717	9·7
†	29·100	− 5·014	− 2	...	...
*	28·644	+40·601	1·00	45.4718	9·9
...	28·513	+33·825	− 1	45.4719	10·2
*	28·489	−27·790	0·90	46.4588	9·8
...	−28·428	+44·091	− 1	...	...
...	28·338	−17·647	− 5	...	...
*	28·134	+30·943	2·80	45.4720	8·4
...	28·056	+56·970	0·80	44.4892	10·2
...	27·988	− 8·250	− 3	...	...
261					
...	−27·646	−41·076	− 4	...	...
...	27·480	+46·192	0·80	45.4721	10·2
...	27·272	+37·316	0·65	...	...
...	27·165	+29·646	− 1	...	...
*	26·577	−32·490	0·90	46.4589	9·9
...	−26·485	+47·196	− 5	M	...
...	26·229	+23·537	− 3	...	...
...	26·155	+42·137	− 3	...	...
...	25·963	+27·575	− 3	...	...
...	25·823	+28·249	0·75	45.4722	10·0
271					
...	−25·675	+55·960	− 4	M	...
...	25·635	− 0·195	− 5	M	...
...	25·606	+14·139	− 5	...	...
...	25·561	−45·179	− 1	...	...
...	24·801	−48·586	− 1	46.4590	10·2
...	−24·758	− 7·375	− 4	...	...
...	24·661	+47·915	− 5	M	...
...	24·377	−10·494	− 1	46.4592	10·2
*	24·343	−49·299	1·00	46.4591	9·8
*	23·781	−43·974	1·00	46.4593	9·7
281					
...	−23·564	+52·257	− 5	M	...
...	23·382	+ 4·380	− 5	M	...
...	22·999	+ 8·026	− 1	45.4723	10·2
...	22·885	+40·630	0·70	45.4724	10·2
...	22·757	−45·111	0·70	46.4595	10·2
...	−22·740	−24·051	0·70	46.4596	10·2
...	22·577	+55·079	− 4	...	...
...	22·416	+52·649	− 2	...	...
...	22·181	−13·511	− 5	...	...
...	21·981	−23·858	0·75	46.4597	10·2
291					
...	−21·914	+11·785	− 4	...	...
...	21·890	+41·414	− 3	...	...
...	21·745	+28·923	− 1	...	...
...	21·618	+ 4·005	0·80	45.4725	10·2
...	21·543	+19·987	− 2	...	...
...	−21·498	+18·761	− 3	...	...
...	21·343	+ 9·457	− 4	...	...
...	21·218	+45·368	− 5	M	...
...	21·162	+ 4·194	− 3	...	...
...	21·142	−49·236	− 5	...	...
301–360					
301					
...	−20·985	+22·799	− 1	45.4726	10·2
...	20·971	−35·605	0·90	46.4598	9·9
*	20·695	+57·211	1·00	44.4906	9·8
...	20·529	−17·999	− 5	...	...
...	20·282	+29·526	0·70	45.4727	10·2
†	−20·174	−29·347	− 4	...	...
*	19·999	+47·903	1·00	45.4728	10·2
...	19·810	+40·841	− 5	M	...
...	19·774	+45·261	0·90	...	...
...	19·655	+19·524	− 2	...	...
311					
...	−19·586	−46·727	− 5	...	...
...	19·572	+30·111	− 5	M	...
*	19·546	−34·523	1·05	46.4599	9·8
...	19·523	+45·280	− 4	...	...
...	19·521	−48·151	− 5	...	...
...	−19·336	− 1·912	− 1	45.4729	10·2
...	18·841	+16·838	− 5	M	...
...	18·566	−38·763	− 2	...	...
...	18·491	+41·548	0·75	...	...
*	18·445	+38·559	2·00	45.4730	9·2
321					
...	−18·385	−53·647	− 2	...	...
...	18·212	+17·038	− 5	...	...
...	18·166	−43·825	0·70	...	...
...	17·912	+59·309	− 5	M	...
...	17·908	+40·377	− 3	...	...
*	−17·709	+46·529	1·00	45.4732	10·0
...	17·659	+36·123	1·00	45.4731	10·0
...	17·378	+39·116	0·90	45.4734	10·2
*	17·315	+14·569	1·00	45.4733	10·0
*	17·301	+58·644	2·00	44.4912	8·8
331					
*	−17·174	+39·878	1·05	45.4735	9·9
...	17·119	+15·184	− 3	...	...
...	17·115	+17·302	− 4	...	...
...	16·971	+19·043	− 2	...	...
...	16·967	+12·483	− 2	45.4736	10·2
...	−16·577	+40·149	− 3	...	...
...	16·340	− 3·865	− 1	45.4737	10·2
*	15·951	+24·339	1·00	45.4738	10·2
...	15·869	−20·713	− 3	46.4600	10·2
...	15·755	−36·079	− 4	...	...
341					
*	−15·738	−49·581	1·10	46.4601	9·8
...	15·626	−40·310	0·70	...	...
...	15·398	+44·597	0·75	...	...
†	15·080	−13·522	− 1	46.4602	9·9
...	15·043	−41·929	− 4	...	...
†	−14·863	−34·960	− 4	...	...
...	14·756	+24·728	− 5	...	...
...	14·654	+36·405	− 2	45.4739	10·2
...	14·519	−11·505	− 5	...	...
...	14·514	−53·212	− 4	...	...
351					
*	−14·440	−52·291	1·10	46.4604	9·8
*	14·337	−12·086	1·50	46.4605	9·4
*	14·318	− 2·230	1·00	45.4740	9·9
*	14·200	+59·025	1·10	44.4916	9·7
*	13·137	−29·309	6·00	46.4606	7·3
S *	−13·128	−55·267	1·85	46.4607	9·0
N ‡	12·931	−29·965	3·00	46.4608	8·5
...	12·898	+43·858	0·80	45.4741	10·2
...	12·889	−21·198	− 5	...	...
...	12·457	− 2·669	− 3	45.4742	10·2

357. Obscures 2nd image of 355.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
361-420					
361					
...	−12′036	+51′865	− 5	°M	...
...	11·950	+19·027	− 4	...	...
...	11·879	−49·409	− 1	...	...
...	11·820	−47·434	− 5	...	...
...	11·780	−44·568	− 5	...	...
S *	−11·523	+11·985	2·95	45.4743	8·6
...	11·306	+59·616	− 2	...	...
*	10·672	+39·438	1·05	45.4745	9·8
...	10·665	+40·752	− 3	...	...
*	10·648	+19·072	1·20	45.4744	9·8
371					
...	−10·617	+27·693	− 5	M	...
*	10·586	−18·454	1·10	46.4610	9·8
...	10·567	−31·606	− 5	...	...
...	10·527	−29·000	− 3	46.4609	10·2
*	10·416	+24·010	1·05	45.4746	9·8
α	−10·355	+ 0·107	− 4	45.4747	10·2
†	10·123	−53·088	− 4	...	...
...	9·973	−53·643	− 4	...	...
...	9·694	−48·531	− 3	...	...
*	9·281	−22.101	0·95	46.4611	9·8
381					
...	− 9·279	+18·545	− 4	...	...
...	9·123	+16·210	− 3	...	...
†	9·115	−54·926	− 1	46.4612	10·2
...	8·929	+ 5.283	− 5	M	...
‡	8·684	−35·022	1·70	46.4613	9·0
...	− 8·629	−41·462	− 4	*m*	...
...	8·564	−36·587	− 5	*m*	...
...	8·160	+37·639	− 3	...	...
*	8·149	−28·091	1·10	46.4614	9·4
...	7·835	−12·813	− 4	...	...
391					
*	− 7·738	−48·825	0·95	46.4615	9·9
...	7·735	+43·336	− 3	...	...
...	7·380	−22·777	− 3	...	...
...	7·223	−41·702	0·70	46.4616	10·2
*	7·135	−52·886	1·00	46.4617	9·8
*	− 7·092	−27·613	5·80	46.4618	7·8
...	7·053	+ 0·874	− 2	45.4748	10·2
*	6·932	−28·057	1·50	46.4619	9·2
...	6·915	+40·795	− 1	...	...
S *	6·579	− 9·528	2·95	46.4620	8·7
401					
...	− 6·478	+31·541	− 5	M *m*	...
...	6·382	−37·347	− 5	*m*	...
*	6·303	− 1·142	1·80	45.4749	9·2
...	6·298	−50·802	− 2	...	...
...	6·237	− 5·472	− 4	*m*	...
...	− 5·967	− 7·736	− 4	*m*	...
...	5·547	+55·201	− 4	M	...
*	5·534	+46·267	0·90	45.4750	10·0
...	5·285	+12·817	− 4	...	...
†	5·149	+12·171	− 3	45.4751	10·2
411					
...	− 5·019	+41·990	− 3	...	...
...	4·993	−11·518	− 4	...	...
†	4·836	+29·836	− 1	...	...
...	4·675	+ 7·781	− 4	*m*	...
...	4·418	+45·146	0·70	45.4752	10·2
...	− 4·390	− 7·823	− 5	*m*	...
...	4·321	−14·138	0·85	46.4622	9·8
...	4·249	−31·727	0·70	46.4621	10·2
...	4·242	+ 2·874	− 4	M	...
...	4·160	+31·898	− 5	M *m*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
421-480					
421					
...	− 4′078	+ 4′305	− 2	° 45.4753	10·2
...	3·944	+11·167	0·90	45.4754	9·8
†	3·856	+34·870	− 4	...	...
...	3·705	+27·399	0·80	45.4755	9·9
...	3·606	−38·511	− 3	...	...
...	− 3·531	−12·597	0·95	46.4623	9·8
...	3·421	−50·465	− 3	...	...
...	3·340	−43·873	− 4	46.4624	10·2
...	2·740	−53·633	− 4	...	...
†	2·709	−49·991	− 4	*m*	...
431					
...	− 2·397	+38·955	− 2	...	...
...	2·387	+48·903	− 4	M *m*	...
...	2·383	+57·877	− 2	...	...
...	1·870	+56·332	0·65	44.4927	10·2
...	1·759	−34·283	0·90	46.4626	9·9
...	− 1·659	−10·121	− 1	46.4627	10·2
*	1·440	+39·587	1·00	45.4756	9·6
...	1·388	+56·558	− 5	M	...
*	1·345	−51·483	0·95	46.4628	9·7
...	1·292	−35·577	− 2	...	...
441					
S *	− 0·947	+46·436	3·00	45.4757	8·4
*	0·871	+47·928	0·90	45.4758	9·9
...	0·838	− 6·883	− 5	*m*	...
...	0·708	+37·827	− 4	M	...
*	0·614	−38·510	2·00	46.4629	9·0
...	− 0·609	+50·105	− 4	M	...
...	0·425	+40·983	0·75	45.4759	10·2
...	0·384	+28·408	0·75	45.4760	10·2
†	0·227	+12·273	− 4	...	...
†	0·221	−16·174	− 3	...	...
451					
...	− 0·146	+29·971	− 3	...	...
...	0·020	−57·569	0·90	46.4630	10·2
*	− 0·019	+50·511	1·10	45.4761	9·8
...	+ 0·023	−58·074	− 2	...	...
...	0·062	− 5·149	− 3	...	...
...	+ 0·075	−19·182	− 5	...	...
*	0·087	+51·491	1·00	45.4762	10·2
...	0·265	+41·230	− 4	M	...
...	0·622	−11·237	− 5	*m*	...
...	0·723	−48·534	− 5	*m*	...
461					
...	+ 0·784	+32·220	− 4	M	...
*	0·810	+ 1·895	3·00	45.4763	8·5
...	1·104	−48·283	− 4	...	...
*	1·114	+45·130	1·20	45.4764	9·6
...	1·405	+32·668	0·70	...	...
...	+ 1·646	+23·469	− 5	M	...
...	1·670	− 7·923	− 3	...	...
...	1·686	+28·634	− 5	M	...
F *f*	2·167	+ 0·048	− 3	45.4765	10·2
...	2·267	−54·815	0·90	...	...
471					
...	+ 2·320	−16·519	− 4	46.4632	10·2
...	3·202	+41·473	− 4	M	...
...	3·519	+28·773	0·80	45.4766	10·2
*	3·749	−53·140	1·00	46.4633	10·2
†	3·903	−59·832	− 2	...	...
...	+ 3·945	−19·394	− 2	46.4634	10·2
...	4·057	−17·826	− 1	46.4635	10·2
...	4·272	+31·848	1·00	45.4767	10·2
*	4·408	− 3·140	1·35	45.4768	9·6
‡	4·767	−49·118	1·00	46.4636	10·0

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
481-540					
481					
...	+ 5′240	+19′463	− 5	°M	...
...	5·631	+ 8·969	− 5	...	...
...	5·738	+27·090	− 5	M	...
*	5·836	+19·377	1·05	45.4769	9·8
...	5·924	+50·782	− 3	...	...
...	+ 6·179	+56·205	− 3	...	...
...	6·226	+16·618	− 5	M	...
*	6·909	−28·689	1·00	46.4638	10·0
*	6·940	−14·208	1·00	46.4637	10·0
*	7·224	+54·226	1·00	44.4938	10·2
491					
...	+ 7·781	+43·036	− 3	...	...
...	7·785	+36·040	− 4	...	...
...	7·884	−45·330	− 2	46.4639	10·2
*	8·440	+37·231	3·60	45.4770	8·0
...	8·484	+57·622	− 5	...	...
...	+ 8·524	−50·639	− 4	...	...
...	8·594	+50·072	− 3	...	...
...	8·635	+57·440	− 5	...	...
...	8·700	+19·829	− 4	...	...
...	8·835	−33·999	− 4	46.4641	10·2
501					
*	+ 8·951	+46·240	1·05	45.4771	9·8
...	9·375	+56·571	− 4	...	...
...	9·408	+47·756	0·65	...	...
*	9·591	+46·227	1·10	45.4772	9·5
...	9·852	−32·829	− 3	...	...
...	+ 9·853	+ 6·907	− 2	...	...
...	10·087	−26·206	− 1	46.4642	10·2
...	10·242	+49·646	− 1	...	...
*	10·511	−47·997	0·90	46.4643	9·9
...	10·526	−46·135	− 5	...	...
511					
*	+10·699	+35·749	1·60	45.4773	9·2
...	10·742	+16·832	− 5	...	...
...	10·923	−45·487	0·65	46.4644	10·2
...	11·067	−48·770	− 5	*m*	...
...	11·188	+56·340	0·75	44.4943	10·2
...	+11·467	+23·865	− 2	...	...
...	11·650	−44·545	− 2	...	...
...	12·091	+46·939	0·75	45.4774	10·2
...	12·114	−55·462	0·70	...	...
*	12·126	+58·573	1·10	44.4945	9·6
521					
...	+12·146	−19·019	− 1	46.4645	10·0
*	12·208	−15·660	1·20	46.4646	9·8
...	12·249	− 7·225	− 3	...	...
...	12·253	−59·831	− 4	*a*	...
...	12·460	−34·816	0·80	46.4647	10·2
...	+12·513	−56·348	− 2	...	...
*	12·730	−15·697	1·00	46.4648	9·8
...	12·736	− 0·663	− 3	...	...
...	12·904	−41·175	− 5	*m*	...
...	12·963	+30·427	− 3	...	...
531					
...	+12·986	−54·362	− 3	...	...
...	13·152	−53·909	− 4	...	...
...	13·267	+46·393	− 2	45.4775	10·2
*	13·280	−44·357	2·20	46.4649	8·8
...	13·310	−46·740	− 3	...	...
...	+13·488	+29·637	− 2	...	...
*	13·679	−46·754	3·50	46.4650	8·3
...	13·709	+33·083	− 4	...	...
...	14·434	+16·412	0·85	45.4776	10·2
...	14·959	+17·707	0·85	45.4777	10·0

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
541–600					
541	′	′		°	
...	+15·032	− 4·817	− 3	...	...
...	15·238	+ 4·021	− 5	...	...
*	15·290	+23·190	1·10	45.4778	9·7
...	15·303	−43·959	− 3	...	...
*	15·313	+52·585	1·00	44.4948	9·6
α *	+15·350	+ 0·073	2·80	45.4779	8·8
...	15·571	−55·935	− 1	...	...
...	15·809	+41·860	− 1	45.4780	10·2
...	15·856	+31·865	− 3	...	...
...	16·116	+52·604	− 1	...	...
551					
*	+16·152	+42 289	1·00	45.4781	9·8
...	16·282	−42·362	− 2	...	...
...	16·407	−53·267	− 3	*a*	...
...	16·437	+42·825	− 3	...	...
*	16·483	+51·265	1·70	45.4782	9·2
‡	+16·494	−34·884	3·60	46.4652	8·3
...	16·676	−26·330	− 3	46.4651	10·2
...	16·686	−44·334	− 5	*m*	...
*	17·158	−57·923	3·80	46.4653	8·1
...	17·895	+ 9·202	0·90	45.4783	9·9
561					
‡	+17·968	−39·933	1·70	46.4654	9·2
...	18·009	+13·383	− 5	...	...
...	18·027	+48·600	− 3	...	...
...	18·238	−27·512	− 4	...	...
...	18·293	−54·579	− 4	*a*	...
...	+18·355	+54·961	− 5	...	...
*	18·362	+45·053	1·00	45.4784	9·7
...	18·522	+29·757	− 3	...	...
*	18·706	+29·016	1·00	45.4785	9·7
...	18·712	+11·283	− 5	...	...
571					
...	+18·761	−31·831	− 4	...	...
...	18·770	−23·742	− 5	...	...
...	18·792	+23·315	− 5	...	...
*	18·892	−23·233	1·00	46.4655	9·8
...	18·921	−28·986	− 4	...	...
...	+18·991	+ 6·327	− 2	45.4787	10·2
*	19·075	+37·486	1·80	45.4786	9·2
...	19·083	−40·401	− 1	...	...
...	19·177	−54·688	− 2	...	...
...	19·272	−42·425	− 5	*m*	...
581					
...	+19·411	+42·495	− 2	...	...
...	19·565	−55·770	− 2	...	...
...	19·657	−42·206	− 1	46.4656	10·2
*	20·277	−28·570	1·15	46.4657	9·8
*	20·623	−59·116	1·00	46:4658	10·2
...	+21·093	+21·159	− 5	...	...
...	21·204	+ 2·088	− 5	...	...
...	21·918	+18·641	0·70	45.4788	10·2
...	22·001	−41·589	0·90	...	...
...	22·299	−36·119	− 3	...	...
591					
...	+22·481	−20·750	− 5	...	...
...	22·484	+52·356	0·95	44.4956	10·2
...	22·533	+12·082	− 3	...	...
...	22·544	−33·458	− 5	...	...
...	22·617	+52·187	− 3	...	...
...	+22·899	+43·520	0·95	45.4789	10·2
...	23·233	−19·769	− 5	*m*	...
...	23·283	+43·823	− 5	...	...
...	23·708	+41·232	− 5	...	...
...	23·710	−11·388	− 5	*m*	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
601–660					
601	′	′		°	
...	+23·917	+23·038	− 3	...	...
...	23·966	−26·187	− 1	46.4660	10·2
...	24·041	− 9·226	− 4	...	...
*	24·069	+52·000	1·00	45.4790	10·2
*	24·082	−51·608	1·20	46.4662	9·6
*	+24·112	−32·617	1·00	46.4661	10·0
*	24·183	+15·564	1·00	45.4791	10·0
...	24·250	− 2·099	− 5	*m*	...
...	24·266	+35·254	− 5	...	...
...	24·799	+51·737	− 2	...	...
611					
...	+24·890	+43·353	− 3	...	...
...	24·898	+ 7·106	− 1	45.4792	10·2
...	25·148	+52·016	− 4	...	...
†	25·280	−29·946	− 4	...	...
*	25·361	−14·409	1·00	46.4663	10·0
S *	+25·517	−44·272	3·60	46.4664	7·9
...	25·909	+52·265	− 5	...	...
*	26·295	+39·476	1·00	45.4793	10·0
*	26·535	−17·835	1·05	46.4665	9·9
*	26·560	+ 9·535	1·05	45.4795	9·8
621					
...	+26·764	+46·752	0·90	45.4794	10·2
...	26·959	+32·688	− 5	...	...
*	27·127	−49·562	1·20	46.4668	9·8
*	27·231	−39·536	1·00	46.4667	9·9
...	27·255	−11·378	− 4	...	...
...	+27·350	−18·766	0·80	46.4666	10·2
...	27·547	+32·033	− 5	...	...
*	27·568	+59·322	1·30	44.4966	9·2
...	28·128	−46·423	− 4	*b*	...
...	28·240	+48·673	− 3	...	...
631					
*	+28·389	−51·137	1·00	46.4669	9·9
...	28·398	−52·018	− 4	*a*	...
...	28·457	−54·191	− 4	*b*	...
...	28·479	+32·184	− 5	...	...
...	28·581	−47·632	− 4	*a*	...
...	+28·701	+11·892	− 5	...	...
...	28·742	−45·397	− 3	...	...
...	28·750	−47·144	− 3	*a*	...
...	28·915	+58·701	− 3	...	...
...	29·102	−31·528	0·90	46.4670	10·0
641					
...	+29·134	− 0·612	− 3	45.4796	10·2
...	29·422	−44·679	− 5	*m*	...
...	29·656	−37·488	− 4	...	...
...	29·876	−58·807	− 5	*m*	...
...	29·932	+25·055	0·75	45.4797	10·2
...	+30·496	−42·763	− 2	...	...
...	30·549	−51·619	0·85	46.4672	10·2
‡	30·665	+ 9·960	1·60	45.4798	9·2
...	30·699	−28·539	0·70	46.4671	10·2
...	30·854	+59·681	0·75	44.4972	10·2
651					
...	+31·222	+ 6·727	− 5	...	...
...	31·283	+12·537	− 1	45.4799	10·2
...	31·349	+ 7·604	− 4	...	...
...	31·384	+18·424	− 3	...	...
...	31·577	+ 9·171	− 4	...	...
...	+31·580	−40·394	− 2	...	...
...	31·927	+16·263	− 2	...	...
...	32·020	− 8·884	0·90	46.4673	9·9
...	32·164	+49·151	− 3	...	...
...	32·220	−34·661	− 2	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
661–720					
661	′	′		°	
...	+32·490	+ 9·247	− 4	...	...
†	32·559	+ 4·922	− 4	...	...
...	33·103	+54·643	− 2	...	...
S *	33·209	+11·284	2·90	45.4801	8·8
*	33·489	−53·915	1·10	46.4675	9·6
*	+33·541	+48·104	1·10	45.4800	9·6
...	33·653	+29·182	− 5	...	...
...	33·865	−29·791	− 3	...	...
...	34·013	+38·245	− 5	...	...
...	34·104	−57·241	− 4	...	...
671					
...	+34·170	−28·833	− 4	...	...
...	34·481	+35·065	0·75	45.4802	10·0
...	34·504	+35·110	− 4	*a*	...
S ‡	34·761	+35·812	1·95	45.4803	8·8
...	34·804	+59·575	0·90	44.4975	10·0
...	+34·859	−58·684	− 2	...	...
...	34·886	−30·299	− 4	*m*	...
...	34·938	+ 1·543	− 3	...	...
...	35·076	+30·274	− 2	...	...
...	35·152	−28·096	− 5	...	...
681					
...	+35·583	+ 1·435	− 3	...	...
...	35·694	−53·731	− 1	...	...
...	35·758	−54·235	− 5	*m*	...
*	35·793	−47·542	2·30	46.4676	8·8
...	36·088	+49·200	0·65	45.4804	10·2
...	+36·154	−34·750	− 4	*m*	...
...	36·167	+17·770	− 2	...	...
...	36·175	−12·376	− 5	...	...
...	36·229	+40·419	− 4	...	...
...	36·323	−37·323	− 3	...	...
691					
...	+36·763	−45·025	− 1	...	...
...	37·071	−42·494	− 5	*m*	...
...	37·079	− 3·615	− 2	...	...
...	37·115	+44·061	− 2	...	...
‡	37·210	+14·810	2·60	45.4805	8·6
*	+37·552	−35·852	0·95	46.4678	9·8
...	37·599	+46·374	− 4	...	...
...	37·613	+36·467	− 3	...	...
...	37·890	−31·053	− 5	...	...
...	38·199	− 7·352	− 5	*m*	...
701					
...	+38·418	+29·813	− 2	...	...
...	38·464	−32·709	− 4	...	...
*	38·510	+10·986	0·90	45.4806	9·8
*	38·652	−57·430	1·80	46.4681	9·2
...	38·958	−19·825	0·70	46.4680	10·0
...	+39·057	+35·432	− 5	...	...
...	39·312	−58·325	− 2	...	...
...	39·380	−22·300	− 4	*m*	...
...	39·464	+ 8·542	− 4	...	...
†	39·642	+46·244	− 3	45.4807	10·2
711					
†	+39·811	−51·788	− 3	46.4684	10·2
*	39·873	+19·183	1·40	45.4808	9·5
...	39·881	+34·682	− 5	...	...
*	40·016	− 9·698	1·00	46.4683	10·2
...	40·022	+10·226	− 3	...	...
...	+40·203	+15·220	− 3	...	...
...	40·410	− 2·712	0·65	...	...
*	40·418	−31·404	1·05	46.4686	9·8
...	40·425	+18·146	− 5	...	...
...	40·466	+45·528	0·95	45.4809	10·0

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
721–780					
721					
...	+40′660	− 8′357	0·85	46°4685	10·2
...	40·661	+15·251	− 4	...	...
...	40·679	−33·601	− 3	...	...
*	40·792	−10·734	1·10	46.4687	9·7
...	40·970	+38·422	0·90	...	...
...	+41·261	−47·032	− 3	*a*	...
*	41·313	− 3·103	1·00	45.4810	10·2
...	41·694	−51·807	− 5	*m*	...
...	41·942	+21·518	− 5	...	...
*	42·061	−44·405	1·20	46.4688	9·6
731					
...	+42·487	−36·723	− 4	...	...
...	42·646	+25·198	0·80	45.4811	10·2
...	42·676	−56·693	− 4	...	...
‡	42·695	−44·884	1·05	46.4689	9·6
...	42·830	−54·527	− 3	...	...
...	+42·899	+42·700	− 5	...	...
...	43·057	−13·827	− 3	*a*	...
*	43·075	+10·390	1·25	45.4813	9·7
*	43·097	+36·538	1·35	45.4812	9·6
†	43·296	+54·864	− 5	...	...
741					
...	+43·515	−21·296	0·70	...	...
...	43·673	−22·372	− 5	*m*	...
...	43·781	−27·958	0·80	...	...
...	44·006	−33·804	− 4	*m*	...
...	44·389	+ 4·573	− 4	...	...
...	+44·467	+ 5·756	− 3	...	...
...	44·491	+26·337	− 5	...	...
...	44·549	−40·498	− 5	*e*	...
†	44·637	−39·256	− 4	...	...
‡	44·686	− 0·785	1·00	45.4815	10·0
751					
‡	+44·693	+32·995	1·00	45.4814	9·8
...	44·900	+29·209	− 4	...	...
...	45·187	− 5·583	0·65	45.4818	10·2
*	45·198	+32·766	1·00	45.4816	10·2
...	45·283	− 4·385	0·90	45.4819	10·2
*	+45·335	+18·166	1·40	45.4817	9·4
...	45·435	−28·530	− 5	*e*	...
...	45·573	−35·866	0·70	...	...
...	45·601	−39·287	− 4	*m*	...
...	45·731	−58·036	− 4	...	...
761					
...	+45·750	−16·397	− 5	*e*	...
...	46·099	−40·021	1·00	46.4691	10·0
*	46·258	+50·514	1·15	45.4820	9·7
*	46·298	−52·546	1·25	46.4694	9·7
*	46·550	−27·098	1·10	46.4693	9·6
...	+46·627	−13·607	0·75	46.4692	10·2
...	46·702	+19·579	0·90	45.4821	10·2
...	46·761	+51·337	− 4	...	...
...	46·807	−36·862	0·70	...	...
*	46·910	−48·697	1·10	46.4695	9·9
771					
*	+47·010	+17·520	1·60	45.4823	9·2
...	47·078	+37·816	0·95	45.4822	10·2
...	47·159	−33·164	− 3	...	...
...	47·264	−58·161	− 3	*a*	
...	47·903	−48·962	− 2	...	...
*	+47·934	+16·174	1·00	45.4824	9·9
S*	48·165	− 8·494	3·40	46.4696	7·9
...	48·343	− 2·573	0·95	45.4828	10·2
...	48·404	−47·334	0·85	46.4697	10·2
...	48·420	− 5·546	− 5	*m*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
781–840					
781					
‡	+48′473	+39′782	1·50	45°4825	9·4
...	48·848	+15·593	− 4	...	...
*	49·005	+34·022	1·00	45.4827	10·2
...	49·012	+45·572	0·85	45.4826	10·2
...	49·098	− 6·381	− 5	*e*	...
...	+49·499	−26·317	− 5	*e*	...
...	49·513	−24·683	0·90	...	...
...	49·516	− 5·177	− 5	*e*	...
*	49·778	+ 4·747	1·00	45.4829	9·6
...	49·857	+15·626	− 3	...	...
791					
...	+49·869	+40·731	− 3	...	...
...	49·869	− 4·766	− 3	...	...
...	49·895	+58·768	− 3	...	...
...	49·976	+37·926	− 5	...	...
...	50·003	−35·050	− 1	46.4699	10·2
*	+50·155	−43·195	1·00	46.4701	9·9
...	50·252	−50·539	− 3	...	...
...	50·394	−18·677	− 5	*m*	...
N	50·403	+28·308	− 1	45.4830	10·2
N	50·460	+28·348	− 5	...	...
801					
...	+50·500	−15·815	− 1	46.4700	10·2
...	50·903	−16·018	− 3	...	...
...	51·026	+33·062	− 2	...	...
...	51·132	−52·762	− 5	*m*	...
...	51·152	+41·789	− 3	...	...
N *	+51·182	+14·180	1·00	45.4831	9·8
...	51·257	−53·963	− 5	*m*	...
...	51·378	+28·212	− 3	...	...
...	51·401	+ 7·525	− 2	...	...
...	51·479	+53·637	0·95	44.4991	9·9
811					
...	+51·528	−22·212	− 3	...	...
...	51·558	−15·882	− 1	...	...
†	51·625	−39·866	− 3	...	...
...	51·658	−41·776	− 2	...	...
...	51·709	−17·441	0·85	46.4702	10·0
...	+51·711	+ 9·584	0·85	45.4832	9·9
...	51·869	−51·923	− 3	...	...
...	51·990	−26·579	− 4	*e*	...
*	52·248	+11·830	1·00	45.4833	9·6
...	52·563	+51·441	− 3	...	...
821					
†	+52·713	+29·891	− 1	...	...
...	52·890	− 2·514	− 3	*e*	...
...	53·006	− 7·962	− 2	...	...
...	53·117	−42·861	− 5	*m*	...
...	53·134	+30·014	− 1	...	...
...	+53·326	+21·340	− 3	...	...
...	53·338	−17·818	− 3	...	...
...	53·384	−38·352	− 1	...	...
...	53·461	−35·676	− 5	*m*	...
*	53·614	−11·114	1·10	46.4703	9·4
831					
...	+54·413	+26·202	− 1	45.4834	10·2
...	54·552	−21·021	− 3	...	...
†	54·687	+21·660	− 1	...	...
...	54·727	+53·064	− 3	...	...
...	54·831	−58·550	− 2	...	...
...	+55·238	+42·807	− 3	...	...
...	55·248	−15·746	− 5	*m*	...
...	55·312	−54·688	− 1	...	...
*	55·432	−54·378	1·70	46.4706	9·4
...	55·500	−26·286	− 1	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
841–877					
841					
*	+55′500	−37′739	1·60	46°4704	9·2
...	55·659	+30·450	− 3	...	...
...	55·659	−25·344	− 5	*m*	...
...	55·710	−31·633	− 3	...	...
...	55·719	− 0·804	− 4	*e*	...
*	+55·769	−26·054	1·10	46.4705	9·5
...	55·785	+33·434	− 2	...	...
*	55·967	+10·903	1·00	45.4835	9·6
...	55·969	− 0·854	0·75	45.4836	10·2
...	56·036	−29·797	− 4	*e*	...
851					
...	+56·172	−30·244	− 5	*e*	...
...	56·373	+11·171	− 2	...	...
...	56·449	−36·985	− 2	...	...
*	56·729	−20·394	0·95	46.4707	9·9
...	56·830	+10·041	− 2	...	...
...	+56·876	−57·883	− 2	46.4710	10·2
*	57·000	−11·806	1·80	46.4709	9·0
...	57·064	+ 1·334	− 5	...	...
...	57·064	− 8·822	0·80	46.4708	10·2
...	57·108	+33·368	− 5	...	...
861					
...	+57·240	−12·444	− 4	*e*	...
...	57·265	+21·063	− 3	...	...
...	57·636	−38·863	0·75	46.4711	10·0
...	57·753	+ 9·716	− 2	...	...
...	58·171	−45·219	− 5	*m*	...
...	+58·176	+13·663	− 5	...	...
...	58·271	+ 4·344	− 3	...	...
*	58·315	−40·629	1·70	46.4712	9·4
...	58·396	−46·233	− 5	*e*	...
...	58·436	+20·948	− 5	...	...
871					
...	+58·896	−35·248	− 2	...	...
*	58·922	−18·312	1·00	46.4714	9·7
...	58·938	+50·571	− 4	...	...
...	58·968	−10·793	0·80	46.4713	10·0
...	59·414	+54·536	− 1	44.4999	10·2
...	+59·518	−49·003	0·80	46.4716	10·2
*	59·562	−35·272	1·60	46.4715	9·2

799, 800. 45°·64, mass; 46°·65, brighter star.
806. Mass; 45°·64, mass; 46°·65, two stars.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
1–60					
1					
...	−59·561	−28·202	− 1	...	...
‡	59·556	+50·321	1·35	45.4820	9·7
...	59·508	− 1·011	0·85	45.4815	10·0
*	59·453	+17·944	1·30	45.4817	9·4
...	59·069	+51·144	− 5	...	...
...	−58·859	− 5·796	− 2	45.4818	10·2
†	58·799	− 4·598	0·65	45.4819	10·2
...	58·390	−40·704	− 5	E	...
...	58·325	+37·635	− 1	45.4822	10·2
...	58·127	+19·396	0·65	45.4821	10·2
11					
...	−58·102	+35·163	− 5	...	...
...	57·961	−16·588	− 5	E	...
...	57·896	−28·716	− 5	E	...
*	57·772	+17·346	1·50	45.4823	9·2
...	57·518	−36·059	− 4	...	...
...	−57·177	−13·762	− 4	46.4692	10·2
*	56·994	+39·654	1·60	45.4825	9·4
...	56·860	−40·182	0·75	46.4691	10·0
*	56·816	−27·253	0·90	46.4693	9·6
*	56·806	+16·030	0·90	45.4824	9·9
21					
...	−56·634	+45·463	− 1	45.4826	10·2
...	56·279	+33·909	0·85	45.4827	10·2
*	56·269	−52·709	1·15	46.4694	9·7
...	56·255	−37·016	− 3	...	...
...	56·177	+58·670	− 5	...	...
...	−56·025	−33·297	− 5	...	...
...	55·863	+15·486	− 5	...	...
...	55·800	− 2·694	0·75	45.4828	10·2
...	55·789	−48·837	1·00	46.4695	9·9
S *	55·782	− 8·605	2·60	46.4696	7·9
31					
...	−55·645	+40·649	− 5	...	...
...	55·442	+22·191	− 5	...	...
...	54·923	− 6·460	− 5	E	...
...	54·862	+15·548	− 5	...	...
†	54·778	−49·074	− 4	...	...
N †	−54·707	+28·238	− 1	45.4830	10·2
*	54·573	+ 4·678	1·00	45.4829	9·6
...	54·540	− 5·244	− 5	E	...
...	54·435	+53·593	1·00	44.4991	9·9
...	54·409	+41·731	− 5	...	...
41					
...	−54·341	−47·424	− 4	46.4697	10·2
...	54·239	+33·013	− 3	...	...
...	54·203	− 4·823	− 4	...	...
...	53·943	−24·745	− 1	...	...
...	53·893	−26·375	− 5	E	...
...	−53·738	+28·181	− 4	...	...
N [	53·505	+14·146	0·70	45.4831	9·8
N [	53·469	+14·147	0·80		
...	53·272	+51·438	− 5	...	...
...	53·230	−15·855	− 1	46.4700	10·2
51					
...	−53·117	−35·096	0·75	46.4699	10·2
...	53·116	−11·309	− 5	M	...
...	53·063	+ 7·508	− 4	...	...
...	52·813	−16·045	− 4	...	...
...	52·804	+ 9·567	0·70	45.4832	9·9
...	−52·717	−43·228	0·90	46.4701	9·9
...	52·447	+29·890	0·65	...	...
...	52·401	+27·938	− 5	...	...
...	52·371	−50·576	− 4	...	...
*	52·359	+11·832	0·90	45.4833	9·6
61–120					
61					
...	−52·160	−15·895	− 1	...	...
...	52·041	+30·040	0·65	...	...
...	52·009	−22·221	− 5	...	...
...	51·972	−17·447	0·70	46.4702	10·0
...	51·877	− 2·016	− 5	M	...
...	−51·583	+21·373	− 5	...	...
...	51·391	−26·581	− 5	E	...
...	51·350	−39·870	− 5	...	...
...	51·263	− 2·487	− 4	E	...
...	51·256	−41·758	− 4	...	...
71					
...	−51·176	+53·122	− 5	...	...
...	50·975	− 7·933	− 3	...	...
...	50·716	−51·904	− 5	...	...
...	50·634	+26·262	0·75	45.4834	10·2
...	50·332	−17·775	− 4	...	...
...	−50·323	+42·873	− 4	...	...
*	50·254	−11·068	1·05	46.4703	9·4
...	50·228	+21·732	− 3	...	...
...	50·121	+49·144	− 5	...	...
...	49·638	−38·279	− 3	...	...
81					
...	−49·547	+30·551	− 4	...	...
...	49·499	+33·543	− 3	...	...
...	49·017	−20·931	− 4	...	...
*	48·616	+11·025	0·90	45.4835	9·6
...	48·480	− 0·685	− 4	E	...
...	−48·232	− 0·728	0·65	45.4836	10·2
...	48·212	+11·299	− 4	...	...
...	47·898	−26·166	− 3	...	...
...	47·717	+10·183	− 2	...	...
...	47·638	+21·221	− 5	...	...
91					
*	−47·638	−25·919	1·00	46.4705	9·5
*	47·545	−37·615	1·30	46.4704	9·2
...	47·542	−58·439	− 4	...	...
...	47·523	−31·511	− 5	...	...
...	47·253	−29·654	− 5	E	...
...	−47·217	+ 1·497	− 4	...	...
...	47·191	−54·556	− 4	...	...
...	47·099	−30·108	− 5	E	...
*	47·078	−54·249	1·20	46.4706	9·4
...	46·898	− 8·658	0·75	46.4708	10·2
101					
...	−46·864	−20·236	0·80	46.4707	9·9
*	46·854	−11·647	1·40	46.4709	9·0
...	46·780	+ 9·878	− 3	...	...
...	46·621	−36·824	− 3	...	...
...	46·605	−12·270	− 4	E	...
...	−46·542	+54·720	− 2	44.4999	10·2
...	46·451	+21·130	− 5	...	...
...	46·087	+ 4·537	− 4	...	...
...	45·528	−57·715	− 4	46.4710	10·2
...	45·369	−38·666	− 1	46.4711	10·0
111					
...	−44·911	−10·556	0·70	46.4713	10·0
*	44·734	−18·083	0·95	46.4714	9·7
*	44·637	−40·405	1·20	46.4712	9·4
...	44·504	+33·538	− 4	...	...
...	44·446	+ 4·648	− 3	...	...
...	−44·366	−46·003	− 5	E	...
...	44·218	−35·018	− 4	...	...
*	43·779	+18·814	0·90	45.4837	9·8
...	43·720	−17·189	− 4	A	...
*	43·557	−35·109	1·00	46.4715	9·2
121–180					
121					
...	−43·182	−48·746	− 1	46.4716	10·2
...	42·858	+28·839	0·80	45.4839	10·0
...	42·793	− 1·501	− 1	45.4838	10·2
...	42·759	−12·134	− 5	M	...
...	42·592	−27·108	0·70	46.4717	9·8
...	−42·572	+26·729	− 1	45.4840	10·2
...	42·547	−27·222	− 5	M	...
...	42·432	−44·782	− 4	...	...
*	42·377	−27·503	1·80	46.4719	8·6
...	42·215	−23·570	− 3	...	...
131					
...	−42·176	−55·466	− 2	46.4718	10·2
...	42·074	−22·822	− 4	A	...
‡	41·745	+20·336	1·00	45.4841	9·2
S *	41·571	−38·578	3·00	46.4720	7·6
...	41·315	+57·413	− 4	...	...
...	−41·259	− 3·467	0·65	45.4842	10·2
...	41·214	−55·805	− 1	46.4721	9·9
...	41·013	+ 4·236	− 4	...	...
...	41·008	−47·188	− 1	46.4722	9·9
...	40·881	−19·958	− 4	A	...
141					
*	−40·458	+44·043	1·00	45.4843	9·7
*	40·454	−39·176	1·20	46.4724	9·0
...	40·347	+11·385	− 4	...	...
*	40·337	+26·060	2·00	45.4844	8·3
...	40·150	+45·078	− 4	...	...
...	−40·055	−10·490	0·75	46.4727	9·9
...	39·994	−28·621	0·75	46.4726	9·8
...	39·905	+22·876	− 4	...	...
*	39·625	+23·999	1·10	45.4845	9·4
...	39·617	−29·073	0·65	46.4728	10·2
151					
...	−39·615	+35·435	− 4	...	...
...	39·579	−10·653	− 5	M	...
...	39·294	+30·833	− 5	...	...
*	39·243	+25·885	1·10	45.4846	9·7
...	39·154	+ 0·056	− 4	...	...
...	−39·106	+29·275	− 5	...	...
...	39·082	−23·892	0·80	46.4729	10·0
...	38·960	+22·547	− 1	45.4847	10·2
...	38·937	+27·430	− 5	...	...
...	38·917	−34·894	− 3	...	...
161					
S ‡	−38·708	+ 5·364	1·60	45.4848	8·5
...	38·677	−19·766	− 2	...	...
...	38·672	+35·393	− 3	...	...
...	38·297	+21·777	− 4	...	...
...	38·284	+17·223	− 4	...	...
...	− 38·100	+22·887	− 4	...	...
...	38·022	−27·967	− 2	...	...
...	37·789	+34·962	− 5	...	...
†	37·506	+10·335	− 1	45.4849	10·0
...	37·489	+12·340	− 5	...	...
171					
...	−37·244	+35·119	0·65	45.4850	10·0
...	37·141	−22·482	− 2	...	...
...	36·462	−33·444	− 5	M	...
...	36·309	−35·710	− 4	A	...
...	36·292	−48·431	− 5	...	...
...	−36·223	−31·328	− 5	M	...
...	36·199	+32·902	− 2	...	...
...	36·168	−46·200	− 5	M	...
...	36·059	−21·250	0·65	46.4731	10·2
...	36·020	−47·643	0·70	46.4730	10·2

ES measured from 1, 149, 296, 450, 571, 717.
MC ,, ,, 80, 225, 386, 514, 660, 786.
36. Brighter star, 45°·64, mass ; 46°·64 two stars. 47, 48. 45°·64, 46°·64, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
181–240					
181					
...	−35·974	−19·454	− 5	M	...
...	35·972	−27·022	− 4	...	...
...	35·786	−55·433	− 5	...	...
...	35·733	+10·577	− 2	...	...
*	35·580	−15·761	1·15	46.4733	9·4
...	−35·317	−52·661	0·85	46.4732	10·0
...	35·294	−46·188	− 4	...	...
...	35·269	−26·826	0·65	...	...
...	35·250	+14·038	− 5	...	...
...	35·017	−15·689	− 5	M	...
191					
...	−34·959	−55·448	− 5	...	...
...	34·716	+37·024	− 5	...	...
...	34·515	− 9·291	− 3	...	...
...	34·224	−43·573	− 5	...	...
...	34·078	+47·278	0·75	45.4851	9·8
...	−33·688	−42·100	− 4	...	...
...	33·340	−39·866	− 3	...	...
...	33·339	+15·252	− 5	...	...
...	33·300	−24·801	− 3	...	...
*	33·108	−31·210	0·95	46.4734	9·8
201					
...	−32·997	−36·656	− 5	...	...
...	32·845	−48·355	− 1	46.4735	10·2
...	32·775	−43·246	0·80	46.4736	10·0
...	32·621	−27·532	− 2	46.4737	10·2
...	32·614	+ 9·241	− 5	B	...
...	−32·540	−28·878	− 4	...	...
...	32·200	+21·901	0·65	45.4852	10·2
*	32·167	−40·021	0·95	46.4738	9·8
...	32·023	+49·039	− 4	...	...
...	31·866	+47·866	− 4	...	...
211					
*	−31·803	−10·380	1·10	46.4739	9·5
...	31·570	−26·524	− 4	...	...
...	31·215	+28·396	− 4	...	...
*	30·957	− 2·628	1·10	45.4853	9·4
...	30·688	+59·609	0·70	44.5020	10·2
...	−30·522	+48·982	− 5	...	...
...	30·499	+ 3·258	− 3	...	...
*	30·463	−14·430	1·00	46.4742	9·6
*	30·370	−36·522	1·20	46.4741	9·2
...	30·299	+41·908	− 5	...	...
221					
...	−30·190	−36·194	− 5	...	...
...	30·163	−36·480	− 5	...	...
...	30·040	−56·474	− 3	...	...
...	29·977	+26·093	− 5	...	...
...	29·726	+35·481	− 4	...	...
...	−29·577	+44·360	− 2	45.4854	10·2
...	29·377	+35·373	− 5	...	...
...	29·364	+57·690	− 1	44.5022	10·2
...	29·088	−10·948	− 5	M	...
...	29·083	−12·512	− 5	M	...
231					
...	−28·972	+20·876	− 3	...	...
...	28·600	− 8·013	− 5	M	...
...	28·365	−26·230	− 5	M	...
...	28·299	+24·621	− 4	...	...
...	28·219	− 2·900	− 4	B	...
...	−27·979	−23·501	− 4	...	...
S*	27·924	+45·083	2·80	45.4855	8·1
...	27·784	−13·301	− 5	M	...
...	27·534	−37·215	0·70	46.4743	10·2
...	27·530	−10·729	− 4	A	...
241–300					
241					
*	−27·268	+16·683	0·90	45.4856	9·8
...	26·859	−33·268	− 2	...	...
...	26·819	+38·964	− 3	...	...
...	26·770	+42·543	− 3	...	...
...	26·651	−43·593	− 5	...	...
...	−26·474	−33·063	− 2	...	...
...	26·418	+11·351	− 1	45.4857	10·2
...	26·401	− 8·983	− 1	46.4744	10·2
...	26·239	+44·140	− 5	...	...
...	25·979	−31·657	− 4	A	...
251					
...	−25·958	−15·502	− 2	46.4745	10·2
*	25·652	+ 8·201	1·60	45.4858	9·0
...	25·584	+16·050	− 3	45.4859	10·2
*	25·478	−23·172	0·85	46.4746	9·9
...	25·468	+46·869	0·70	45.4860	10·0
...	−25·377	+24·437	− 4	...	...
...	25·306	−48·172	− 5	...	...
...	24·954	+37·787	0·65	45.4861	10·0
...	24·727	+39·270	− 5	...	...
...	24·613	−27·649	− 3	46.4747	10·2
261					
...	−23·830	+ 7·716	− 4	...	...
...	23·758	+21·930	0·70	45.4862	9·9
...	23·722	+49·741	− 3	...	...
...	23·564	+57·883	− 1	44.5025	10·2
...	23·541	−32·348	− 2	46.4748	10·2
...	−23·254	+36·325	0·85	45.4863	9·8
...	23·232	−20·550	− 4	A	...
...	23·170	− 9·949	− 4	A	...
...	22·858	+23·266	− 4	...	...
S*	22·836	− 1·486	1·15	45.4864	9·2
271					
...	−22·651	−15·446	− 2	46.4749	10·0
...	22·338	−32·502	− 4	...	...
...	22·137	−44·311	− 4	...	...
...	22·036	−22·829	− 2	46.4751	10·2
...	22·029	−25·400	0·65	46.4750	10·0
...	−21·943	−32·387	0·65	46.4752	10·0
*	21·896	−24·750	1·20	46.4753	9·4
*	21·890	+16·484	1·00	45.4865	9·4
...	21·679	+49·417	0·70	45.4867	10·2
*	21·610	+ 6·402	1·50	45.4866	9·1
281					
...	−21·463	+ 6·996	− 4	...	...
...	21·371	+33·782	− 4	...	...
...	21·241	− 7·168	− 5	M	...
...	21·216	−14·973	− 4	...	...
...	21·087	+54·259	− 5	...	...
...	−20·915	+17·450	− 4	...	...
...	20·735	−49·071	− 3	...	...
...	20·706	−41·997	0·65	46.4754	10·0
*	20·621	−29·334	1·80	46.4755	8·8
...	20·456	−40·510	− 2	46.4756	10·2
291					
...	−20·332	−45·091	− 2	46.4757	10·2
...	20·246	+ 6·407	− 5	...	...
...	20·170	−39·272	− 4	...	...
...	20·062	+57·754	− 3	...	...
‡	19·967	−41·838	2·60	46.4758	8·3
...	−19·839	−45·232	− 5	...	...
*	19·785	−50·443	0·85	46.4759	9·9
...	19·739	+47·892	− 1	...	...
...	19·716	+21·016	− 5	...	...
...	19·619	+50·790	0·70	45.4868	10·2
301–360					
301					
...	−19·401	+38·339	− 1	45.4870	10·2
...	19·391	−10·995	− 2	46.4760	10·2
...	19·388	+ 8·354	0·70	45.4869	9·8
...	19·356	−58·281	− 5	...	...
...	19·344	−24·980	− 5	M	...
...	−19·288	+24·842	0·70	45.4871	10·0
...	19·277	−31·985	0·65	46.4761	10·2
*	19·164	+60·036	1·60	44.5035	9·0
...	19·135	+19·565	− 5	...	...
...	19·109	−24·835	0·75	46.4762	10·0
311					
...	−19·030	−45·657	− 3	...	...
...	18·804	−26·636	− 5	M	...
...	18·783	+27·182	− 3	...	...
...	18·662	−52·755	− 5	...	...
*	18·660	+16·488	1·00	45.4872	9·6
*	−18·546	−25·393	0·90	46.4763	9·9
...	18·514	+31·297	− 5	...	...
...	18·460	+28·392	− 5	...	...
...	18·126	+28·268	− 5	...	...
*	18·083	−16·778	1·10	46.4764	9·6
321					
...	−17·933	−28·428	− 1	...	...
...	17·854	− 0·108	− 2	...	...
*	17·806	+24·510	0·95	45.4873	9·6
...	17·752	−13·070	− 5	M	...
...	17·684	−16·426	− 5	M	...
...	−17·486	+53·501	− 5	...	...
...	17·435	+ 5·077	− 5	...	...
...	17·390	−26·694	− 5	...	...
...	17·346	−42·648	− 5	M	...
*	17·079	−54·277	0·85	46.4765	9·9
331					
...	−16·877	−54·781	− 5	...	...
...	16·862	+39·798	− 5	...	...
...	16·847	− 6·828	0·70	45.4874	9·9
...	16·623	+24·876	− 3	...	...
...	16·396	−25·034	− 2	...	...
...	−16·268	−18·586	− 5	M	...
...	16·068	−10·053	0·75	46.4766	9·9
*	15·940	+52·178	1·05	45.4875	9·6
...	15·814	−19·255	− 2	46.4767	10·2
...	15·590	− 0·531	− 2	45.4876	10·0
341					
*	−15·536	+53·017	0·90	44.5042	9·7
...	15·266	+52·722	− 5	...	...
*	15·258	−19·685	1·20	46.4769	9·4
...	15·093	+30·930	0·65	45.4877	10·0
...	14·775	−13·731	− 3	46.4771	10·2
*	−14·770	−38·599	1·00	46.4770	9·6
...	14·683	−23·217	− 4	...	...
...	14·526	+13·065	− 2	45.4878	10·2
...	14·382	+38·501	− 5	...	...
...	14·120	− 0·085	− 5	M	...
351					
...	−14·107	−12·668	− 5	M	...
...	13·816	−40·998	− 2	46.4772	10·2
...	13·687	−16·151	− 3	...	...
...	13·589	+19·132	− 5	...	...
...	13·338	−23·713	− 2	...	...
...	−13·324	−26·489	− 5	M	...
...	13·318	+24·944	− 3	...	...
...	13·267	+21·787	− 3	...	...
*	12·987	−47·062	1·30	46.4773	9·2
...	12·901	+10·968	− 2	45.4879	10·2

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
361–420					
361					
...	−12′750	−37′858	0·65	46°4774	10·2
...	12·718	+34·022	− 5	...	...
*	12·663	−40·689	1·25	46.4775	9·2
...	12·593	+ 1·748	− 4	...	...
...	12·583	+ 5·291	− 5	A	...
...	−12·543	+30·728	− 5	...	...
*	12·535	−24·163	0·95	46.4776	9·7
...	12·524	−38·915	− 5	...	...
...	12·329	+43·706	− 5	...	...
...	12·014	−59·310	− 5	M	...
371					
...	−11·965	−41·703	− 3	...	...
...	11·805	−36·877	0·75	46.4777	10·0
...	11·704	−58·555	− 5	M	...
...	11·472	+30·530	− 5	...	...
...	11·281	−13·014	− 2	...	...
...	−11·219	−32·702	− 4	...	...
...	11·031	−51·425	− 3	...	...
...	11·004	+34·724	− 4	...	...
...	10·860	−47·063	− 4	...	...
*	10·760	−17·939	1·40	46.4779	9·2
381					
...	−10·654	+41·742	− 5	...	...
...	10·285	+42·054	− 5	...	...
...	10·220	+13·395	− 5	...	...
*	10·131	+58·949	1·30	44.5047	9·4
...	10·113	+ 8·172	− 2	...	...
†	− 9·850	+57·560	− 3	44.5049	10·2
*	9·794	−38·763	1·10	46.4780	9·2
...	9·730	+54·340	− 2	44.5048	10·2
...	9·638	− 3·087	− 4	...	...
*	9·422	−19·010	1·20	46.4781	9·2
391					
...	− 9·392	−25·345	− 3	...	...
...	8·771	−50·890	− 4	...	...
...	8·606	−49·003	0·80	46.4782	9·9
...	8·593	−52·500	− 3	...	...
...	8·281	+27·207	− 4	...	...
...	− 8·173	+ 0·283	− 4	α	...
...	8·164	−34·103	− 5	M *m*	...
*	7·812	−31·146	1·10	46.4783	9·4
...	7·673	−25·156	− 4	*m*	...
...	7·590	+38·228	− 3	45.4880	10·2
401					
...	− 7·545	−43·924	− 3	*m*	...
...	7·187	−21·080	− 4	B *m*	...
...	7·116	+32·857	− 3	...	...
...	7·041	−41·128	− 1	46.4784	10·2
...	6·840	−36·359	− 5	M *m*	...
...	− 6·775	−39·698	− 5	M *m*	...
...	6·590	+ 1·791	− 5	*m*	...
...	6·581	−54·637	− 5	M *m*	...
*	6·552	− 6·924	0·95	45.4881	9·7
...	6·414	−30·407	− 3	*m*	...
411					
...	— 6·292	− 9·209	− 4	A *m*	...
...	6·045	+32·759	− 3	...	...
...	6·006	− 1·576	0·85	45.4882	9·7
N *b*	5·986	− 2·623	− 4	45.4883	10·2
...	5·679	−50·570	− 4	*m*	...
...	− 5·383	−56·353	0·80	46.4785	10·0
...	5·052	+14·873	− 5	*m*	...
†	4·931	+22·264	− 3	...	...
†	4·893	−14·955	− 3	46.4786	10·2
...	4·777	−13·186	− 5	*m*	...
421–480					
421					
...	− 4′631	−29′735	− 1	46°4787	10·2
...	4·558	−56·130	− 3	*m*	...
...	3·987	+55·101	− 4	*m*	...
...	3·967	+31·481	0·90	45.4884	9·7
...	3·656	+59·581	− 5	...	...
†	− 3·545	−24·545	0·65	46.4788	9·9
...	3·468	− 4·066	− 5	*m*	...
...	3·378	+19·405	− 5	*m*	...
...	3·164	−12·029	− 3	46.4789	10·0
...	3·145	+11·902	− 4	...	...
431					
...	− 3·139	−55·191	0·90	46.4790	10·0
...	3·132	−20·214	− 4	*m*	...
S *	2·979	−50·029	1·40	46.4791	9·0
...	2·770	−36·175	− 4	*m*	...
...	2·577	− 5·969	0·80	45.4885	10·0
...	− 2·506	−48·289	− 5	*m*	...
...	1·764	−20·468	− 2	46.4792	10·2
...	1·670	−35·555	− 4	*m*	...
...	1·636	+ 2·320	− 5	*m*	...
...	1·360	− 0·617	− 5	M *m*	...
441					
...	− 1·154	−37·944	− 3	*m*	...
...	0·929	−28·086	− 4	*m*	...
S *	0·899	−15·104	1·15	46.4794	9·4
...	0·572	−50·879	− 5	M *m*	...
...	0·471	−35·416	− 5	M *m*	...
...	− 0·301	−16·682	− 5	M *m*	...
...	− 0·087	−29·747	− 5	M *m*	...
S ‡	+ 0·005	+19·082	1·60	45.4886	8·7
†	0·082	+28·713	− 4	...	...
...	0·311	−50·308	− 5	M *m*	...
451					
...	+ 0·352	+51·404	− 1	...	...
...	0·404	−45·611	− 3	...	...
*	0·549	+22·629	1·05	45.4887	9·6
...	0·558	−50·396	− 5	M *m*	...
...	0·590	−58·390	− 5	M *m*	...
*	+ 0·784	+47·336	1·05	45.4888	9·7
...	0·880	−44·701	− 3	...	...
...	0·884	−47·491	− 5	M *m*	...
...	1·295	+56·125	− 5	...	...
...	1·329	−19·179	− 5	M *m*	...
461					
...	+ 1·394	+34·577	− 5	A *m*	...
...	1·394	−28·481	− 3	...	...
*	1·528	− 3·294	1·05	45.4889	9·7
...	1·540	−57·183	− 2	...	...
...	1·808	+ 6·073	− 5	M *m*	...
...	+ 2·103	+39·628	− 5	*m*	...
...	2·119	−39·742	− 4	*m*	...
...	2·359	+21·898	0·80	45.4890	10·0
...	2·621	+15·570	− 5	M *m*	...
*	2·859	+23·424	0·95	45.4891	9·8
471					
...	+ 3·012	+24·070	− 3	...	...
...	3·014	−15·614	− 5	M *m*	...
...	3·165	+ 0·775	− 1	*m*	...
...	3·208	+ 3·086	0·70	45.4892	10·2
...	3·650	−10·893	− 4	46.4795	10·2
...	+ 4·039	−12·635	− 5	M *m*	...
...	4·200	−33·401	− 3	*m*	...
...	4·377	−13·708	− 3	*m*	...
*	4·395	−19·298	0·90	46.4796	9·9
...	4·413	−36·772	− 5	M *m*	...
481–540					
481					
...	+ 5′202	−44′180	− 5	M *m*	...
*	5·622	−38·433	0·90	46.4798	9·8
...	5·749	−58·905	− 5	M *m*	...
...	5·832	−36·236	− 5	M *m*	...
...	5·970	−54·597	− 5	M *m*	...
...	+ 6·050	−49·911	− 1	46.4800	10·2
...	6·106	+42·916	− 5	*m*	...
...	6·436	−52·385	0·75	46.4803	9·9
...	6·525	−41·852	0·85	46.4802	10·2
...	6·528	+ 1·305	− 5	M *m*	...
491					
...	+ 6·610	+13·940	− 2	45.4893	10·2
...	7·395	+16·344	− 5	*m*	...
...	7·439	+41·697	0·75	45.4894	10·0
...	7·532	+21·583	− 5	*m*	...
...	7·554	− 0·980	− 3	45.4895	10·2
...	+ 7·627	+23·875	− 4	*a*	...
...	7·720	+36·300	− 5	*c*	...
...	8·056	+33·315	− 5	*b*	...
...	8·144	+55·893	− 5	*m*	...
...	8·320	+15·753	− 5	*m*	...
501					
...	+ 8·331	+21·660	− 3	...	...
...	8·385	+ 3·029	− 5	*m*	...
...	8·407	+ 2·312	− 5	*m*	...
...	8·562	+29·306	− 4	*b*	...
...	8·723	−13·890	− 3	...	...
†	+ 8·750	−34·551	− 4	...	...
...	8·982	−54·598	− 1	...	...
...	8·983	+53·760	− 3	...	...
...	8·986	−18·645	− 5	*m*	...
...	9·178	−44·766	− 3	...	...
511					
...	+ 9·460	+49·839	− 5	*b*	...
...	9·464	−51·090	− 5	*m*	...
...	9·596	−10·955	− 4	*b*	...
*	10·146	+19·282	1·00	45.4896	9·7
...	10·364	+28·354	− 3	...	...
...	+10·392	+43·343	− 5	*b*	...
...	10·397	+37·426	− 2	45.4897	10·2
...	11·353	− 3·243	− 1	45.4898	9·9
...	11·446	+41·135	− 4	...	...
...	11·626	+52·021	0·75	45.4899	10·0
521					
*	+12·136	− 0·289	1·20	45.4900	9·4
...	12·311	−44·452	− 4	*b*	...
...	12·667	−12·208	− 5	*m*	...
...	12·762	−42·910	− 4	*b*	...
...	13·058	− 0·841	− 5	*m*	...
...	+13·292	−36·442	− 4	...	...
...	13·463	−13·195	− 5	*m*	...
*	13·842	−56·047	2·20	46.4805	8·2
...	13·895	+ 8·936	− 2	45.4901	10·2
...	13·998	−38·374	− 5	*m*	...
531					
...	+14·003	−53·893	− 3	46.4806	10·2
...	14·084	+ 2·046	− 4	*b*	...
...	14·303	−19·678	0·70	46.4807	10·0
...	14·449	−30·824	− 4	...	...
S *	14·498	+45·993	1·60	45.4902	8·9
...	+14·514	−16·561	0·70	46.4808	10·0
...	14·587	− 5·279	− 1	45.4903	10·2
...	14·687	− 2·566	− 5	*m*	...
*	14·733	−49·671	1·10	46.4810	9·6
...	14·771	+16·459	− 5	*m*	...

414. 47°·65, too faint to measure.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
541–600					
541	′	′		°	
...	+14·919	+14·303	− 5	*m*	...
...	15·668	−42·472	− 3	...	...
...	15·669	+52·145	− 4	...	...
...	15·956	+39·918	− 5	*a*	...
...	16·405	−57·981	0·75	46.4813	10·2
...	+16·472	−34·809	0·80	46.4812	9·9
...	16·772	+45·981	− 3	...	...
...	17·120	−23·935	− 4	...	...
...	17·292	+42·987	− 5	*b*	...
...	17·386	−42·449	− 2	...	...
551					
...	+17·473	+37·710	− 4	...	...
...	17·628	−29·112	− 5	*m*	...
...	17·845	+28·163	− 4	...	...
...	18·432	−10·761	− 4	*d*	...
*	18·625	−46·821	1·00	46.4815	9·6
...	+18·671	− 1·119	− 4	*b*	...
*	18·788	+44·123	1·20	45.4904	9·2
...	18·902	+19·306	− 3	...	...
...	18·971	− 6·441	− 2	45.4905	10·2
...	18·989	−34·854	− 4	...	...
561					
...	+19·202	−52·537	− 4	...	...
...	19·220	−17·278	− 5	*m*	...
...	19·227	+53·874	− 5	*m*	...
...	19·237	−31·436	− 4	*b*	...
...	19·371	+ 1·412	0·80	45.4906	9·8
...	+19·380	+ 0·628	− 1	45.4907	10·2
...	19·500	+26·022	− 4	...	...
...	19·526	+41·926	− 5	*m*	...
...	19·557	−33·042	− 4	...	...
...	19·864	+41·163	− 5	*m*	...
571					
†	+20·079	+48·890	− 4	...	...
...	20·218	− 9·872	− 5	*m*	...
...	20·543	−37·605	− 4	*b*	...
...	20·561	+33·560	− 1	...	...
...	20·666	−47·411	− 5	*m*	...
*	+20·720	+35·458	0·90	45.4908	10·0
...	20·726	−10·354	0·85	46.4816	10·0
...	20·811	−45·603	0·70	46.4817	10·0
*	20·854	+39·058	1·00	45.4909	9·7
...	20·916	−54·658	− 5	*m*	...
581					
...	+20·936	−24·415	− 2	46.4818	10·0
...	21·020	+16·837	− 4	*a*	...
...	21·168	−10·745	− 5	*m*	...
...	21·171	+ 4·253	− 5	*m*	...
...	21·271	−30·171	− 5	*m*	...
...	+21·515	+10·726	− 3	...	...
*	21·790	−47·224	0·90	46.4819	9·9
...	21·802	+29·715	0·75	45.4910	10·0
...	21·825	+44·037	− 3	...	...
...	21·853	−33·551	− 3	...	...
591					
...	+22·015	+17·137	− 5	*m*	...
...	22·071	−22·809	− 3	46.4820	10·2
...	22·096	−49·955	− 3	...	...
...	22·408	− 4·395	− 5	*m*	...
...	22·521	−47·648	− 5	*m*	...
...	+22·600	−34·797	− 5	*m*	...
...	22·621	+12·402	− 2	45.4911	10·2
...	22·799	−55·608	0·80	46.4822	10·0
*	22·904	+ 7·561	1·20	45.4912	9·2
...	22·955	−37·198	0·65	46.4823	10·2
601–660					
601	′	′		°	
*	+22·977	−57·065	0·90	46.4824	9·9
...	23·083	− 7·767	0·65	45.4913	10·0
...	23·090	+ 6·094	− 5	*m*	...
...	23·287	+17·802	− 4	...	...
...	23·924	+32·780	− 5	*m*	...
*	+23·995	−24·258	1·30	46.4826	9·2
...	24·069	−43·528	0·70	46.4827	10·2
*	24·088	−16·202	0·90	46.4825	9·8
...	24·563	−32·251	0·65	46.4828	10·2
...	25·013	−33·125	− 5	*m*	...
611					
†	+25·059	+21·287	0·75	45.4914	10·0
...	25·078	+29·675	− 4	*a*	...
...	25·106	+14·106	− 5	*m*	...
...	25·175	+ 5·191	− 5	*m*	...
...	25·366	−37·070	− 2	...	...
*	+25·567	−36·677	0·90	46.4830	9·9
...	25·745	−27·007	− 3	...	...
...	25·878	−15·027	− 5	*m*	...
...	25·901	−33·083	0·80	46.4831	10·0
...	25·936	− 1·539	− 5	*m*	...
621					
...	+26·186	−44·037	− 4	...	...
...	26·366	+15·666	0·85	45.4915	9·8
...	26·414	+ 8·558	− 4	*b*	...
...	26·539	− 4·443	− 3	*b*	...
...	26·679	+ 7·296	− 5	*m*	...
...	+26·704	−13·972	0·70	46.4832	10·2
...	27·077	−41·312	− 5	*m*	...
...	27·124	− 0·638	− 4	*b*	...
...	27·139	−12·249	− 3	...	...
...	27·282	− 7·046	− 4	*b*	...
631					
...	+27·383	−56·232	− 5	*m*	...
...	27·511	−56·521	0·70	46.4833	10·2
...	27·594	+41·866	− 1	45.4916	10·2
*	27·691	+31·310	1·30	45.4917	9·2
...	27·884	−20·445	− 4	*b*	...
...	+27·947	−53·018	− 5	*m*	...
*	28·158	−13·790	0·90	46.4834	10·2
...	28·183	−22·791	− 3	...	...
...	28·305	−23·707	0·65	46.4835	10·0
*	28·564	+34·117	1·60	45.4918	9·0
641					
...	+28·591	+15·036	− 3	45.4919	10·2
...	28·803	+43·261	− 5	*m*	...
...	28·836	−45·818	− 5	*m*	...
...	28·925	+43·064	0·65	45.4920	10·2
...	29·036	−34·123	− 5	*m*	...
...	+29·181	− 1·305	− 4	*b*	...
...	29·244	+48·486	− 5	*m*	...
...	29·317	−21·279	0·65	46.4836	10·2
*	29·338	+21·928	0·95	45.4921	9·7
...	29·469	−51·347	− 5	*m*	...
651					
...	+29·500	−27·471	− 4	*b*	...
*	29·523	− 0·230	1·00	45.4922	9·8
...	29·547	−14·905	− 5	*m*	...
...	29·572	−29·320	− 3	...	...
*	29·644	−44·784	1·35	46.4837	9·2
...	+29·729	−12·009	− 4	*b*	...
...	29·805	+ 6·584	− 5	*m*	...
...	29·808	+16·412	− 3	...	...
†	29·905	−28·101	− 5	*m*	...
...	30·050	−45·058	− 4	*d*	...
661–720					
661	′	′		°	
...	+30·103	− 3·070	− 4	*b*	...
*	30·313	−18·830	0·95	46.4838	9·7
...	30·836	− 4·246	0·65	45.4923	10·0
*	31·021	−13·944	1·00	46.4839	9·4
...	31·399	+32·608	− 4	*a*	...
...	+32·217	−12·364	− 1	46.4842	10·2
...	32·289	+32·607	− 5	*b*	...
...	32·293	+58·719	− 4	...	...
*	32·679	−37·445	1·20	46.4843	9·4
...	32·694	+44·311	− 4	...	...
671					
...	+32·770	+24·564	− 1	45.4924	10·2
...	32·859	+22·922	− 5	*m*	...
...	33·128	+28·646	0·65	45.4925	10·2
...	33·169	−37·813	− 4	...	...
...	33·311	+39·785	− 3	...	...
...	+33·356	+31·097	− 3	...	...
...	33·357	−32·913	0·80	46.4844	9·9
...	33·372	+34·244	− 3	...	...
...	33·425	−52·197	− 5	*m*	...
...	33·431	+ 2·565	− 5	*m*	
681					
...	+33·664	−52·613	0·90	46.4845	10·0
...	33·995	−27·281	− 5	*m*	...
...	34·034	+31·113	− 3	...	...
...	34·311	+ 8·335	− 5	*m*	...
...	34·519	+40·526	− 3	...	...
...	+34·560	−40·023	− 5	*m*	...
...	34·782	− 6·257	− 1	45.4926	10·2
...	34·843	−49·364	− 5	*m*	...
*	34·844	+ 3·047	0·90	45.4927	10·0
...	35·035	− 6·242	− 4	*b*	...
691					
...	+35·159	+ 2·979	− 5	*m*	...
...	35·276	+30·636	− 4	...	...
...	35·283	+ 3·104	− 3	45.4928	10·2
...	35·392	−19·033	− 4	*b*	...
†	35·638	+35·214	− 5	*a*	...
S*	+35·777	+ 7·881	1·60	45.4929	9·0
...	36·005	− 5·426	− 4	*b*	...
...	36·103	−41·931	− 4	...	...
...	36·430	+14·779	− 3	45.4930	10·2
...	36·632	−55·668	− 4	...	...
701					
...	+36·682	+52·736	− 4	...	...
...	37·115	−44·052	− 3	46.4846	10·2
...	37·267	+26·333	− 4	*b*	...
...	37·357	+27·262	− 3	...	...
...	37·521	+48·156	− 4	...	...
...	+37·538	−44·975	− 1	46.4847	10·2
...	37·813	−17·568	− 5	*m*	...
*	37·851	+47·954	1·10	45.4931	9·6
...	38·497	−45·600	− 1	46.4848	10·2
...	38·910	−37·277	0·65	46.4849	9·9
711					
*	+38·980	− 7·167	1·00	45.4932	9·6
...	39·275	+27·321	− 4	*a*	...
...	39·502	+12·419	− 3	45.4933	10·2
*	39·740	−10·578	1·20	46.4850	9·2
*	39·745	−19·938	1·10	46.4851	9·5
†	+39·971	+31·167	− 5	...	...
†	40·342	+35·237	− 4	...	...
...	40·489	−53·023	− 5	*m*	...
...	40·715	−19·975	− 5	*m*	...
...	41·044	+12·076	− 5	*m*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
721–760					
721					
...	+41·115	−11·369	− 4	b	...
...	41·264	+12·290	− 1	45.4934	10·2
*	41·535	+54·468	1·20	44.5092	9·4
...	41·665	−31·159	− 4	...	...
S*	42·006	−30·854	1·80	46.4852	8·4
*	+42·062	+56·992	1·30	44.5094	9·4
...	42·062	+26·180	− 5	d	...
...	42·105	+31·761	− 5	b	...
...	42·145	+40·506	− 4	...	...
...	42·224	−13·579	− 5	m	...
731					
...	+42·287	−14·499	− 5	m	...
*	42·300	−49·131	1·05	46.4853	9·7
...	42·667	−21·903	− 3	...	...
...	42·839	+ 1·064	− 5	m	...
...	43·118	− 9·760	− 4	b	...
...	+44·109	−35·222	− 5	m	...
...	44·443	+ 5·553	− 4	a	...
...	44·587	+11·623	− 5	m	...
†	44·938	−27·049	− 5	e	...
†	44·942	−11·677	− 1	46.4854	10·2
741					
...	+45·042	+ 0·551	− 5	e	...
...	45·058	+ 3·701	− 5	m	...
...	45·101	+19·743	− 5	m	...
...	45·255	−17·472	− 3	46.4856	10·2
...	45·548	−11·527	− 4	e	...
...	+45·765	−28·227	− 5	e	...
...	45·790	− 4·859	− 4	e	...
...	45·818	+50·013	− 5	b	...
...	45·908	+25·031	− 4	...	...
...	45·984	+21·741	− 3	...	...
751					
...	+46·189	− 3·471	− 4	e	...
...	46·192	−49·756	− 5	m	...
...	46·198	+13·459	− 5	m	...
...	46·269	+ 9·425	− 3	...	...
...	46·314	+43·468	0·90	45.4935	9·9
...	+46·600	− 5·127	0·65	45.4937	10·2
...	46·713	+31·535	0·85	45.4936	10·0
...	46·753	−35·465	− 4	e	...
...	46·815	−56·743	− 5	...	...
...	47·061	−34·290	0·75	46.4858	10·0
761–800					
761					
...	+47·742	+31·728	0·65	...	...
...	47·749	+52·512	0·65	44.5102	10·2
...	47·789	−12·405	0·65	46.4859	10·2
...	47·844	−18·700	− 5	m	...
†	47·865	−14·629	− 4	e	...
...	+47·960	−32·244	− 4	...	...
...	48·090	+ 6·732	− 5	e	...
...	48·113	+39·157	− 1	45.4939	10·2
...	48·175	−32·470	− 5	e	...
*	48·241	+49·556	1·05	45.4938	9·8
771					
...	+48·276	+58·779	− 5	b	...
...	48·302	−11·437	− 5	m	...
...	48·333	−28·457	− 3	...	...
*	48·420	− 4·304	1·35	45.4940	9·2
*	48·564	− 5·831	1·00	45.4941	9·7
...	+48·582	−17·885	− 5	m	...
...	49·008	−30·460	0·70	46.4860	10·0
...	49·028	−27·385	− 5	m	...
†	49·031	−44·506	− 4	e	...
S *	49·376	−15·344	2·70	46.4861	8·2
781					
...	+49·390	−29·382	− 1	46.4862	10·2
...	49·731	+32·035	− 5	b	...
...	49·770	+ 3·387	− 3	...	...
...	49·813	+ 2·223	− 5	m	...
†	49·856	−33·236	− 5	m	...
...	+50·059	−11·630	− 3	46.4863	10·2
...	50·173	+15·089	− 5	e	...
*	50·511	+ 1·646	1·60	45.4943	8·8
*	50·748	−12·185	1·50	46.4865	9·1
...	50·786	−59·289	0·95	46.4867	9·6
791					
...	+50·948	−20·615	− 2	46.4866	9·9
...	50·973	−20·530	− 2		
...	51·180	−50·833	− 4	46.4869	10·2
...	51·240	+42·479	− 3	45.4942	10·2
...	51·469	+16·795	− 4	...	...
...	+51·614	−23·786	− 5	m	...
*	51·627	−12·166	1·40	46.4868	9·0
...	51·830	−22·686	− 4	e	...
...	51·971	−37·448	− 5	e	...
...	52·426	+50·677	1·00	45.4944	9·7
801–832					
801					
...	+52·535	+34·568	− 4	...	...
N*	52·727	+48·370	1·00	45.4945	9·2
N	52·763	+48·294	0·80		
...	53·091	−29·235	− 4	e	...
...	53·249	+16·125	− 5	e	...
...	+53·550	+26·197	− 4	...	...
*	53·908	− 6·450	0·90	45.4946	9·8
...	54·576	+58·156	− 3	44.5107	10·0
*	54·579	−30·944	1·00	46.4870	9·6
...	54·684	−15·914	− 4	e	...
811					
...	+54·982	−22·311	0·75	46.4871	10·0
...	55·294	−40·535	− 4	...	...
...	55·613	+58·725	− 5	...	...
...	55·892	− 5·242	− 5	e	...
*	56·203	+46·116	1·60	45.4947	9·2
...	+56·371	−28·223	− 1	46.4872	10·2
...	56·796	+44·037	− 5	e	...
...	56·824	+52·521	− 5	e	...
*	56·950	−45·472	1·20	46.4873	9·4
...	57·450	− 4·209	0·65	45.4948	10·0
821					
...	+57·857	+11·930	− 5	m	...
...	58·316	+ 6·448	− 5	e	...
...	58·317	+12·528	− 5	e	...
...	58·451	−30·525	− 5	...	...
*	58·457	+55·044	2·00	44.5111	8·7
...	+58·571	+20·528	− 5	e	...
...	59·126	+19·602	− 5	e	...
†	59·368	−29·590	− 5	...	...
*	59·471	−51·736	1·50	46.4876	9·4
...	59·619	−28·718	0·80	46.4875	9·9
831					
...	+59·645	−21·342	− 4	e	...
...	59·689	+28·200	− 3	45.4949	10·2

802, 803. 45°·65, two stars; 46°·66, mass.

I					
1–10					
...	−59·287	+43·257	1·10	45.4935	9·9
...	59·202	+ 0·329	− 5	E	...
...	59·111	+24·824	− 4	...	...
...	58·925	+21·540	− 1	...	...
...	58·921	−11·888	0·95	46.4854	10·2
*	−58·507	+31·348	1·00	45.4936	10·0
...	58·445	−27·250	− 3	E	...
...	58·416	−17·683	0·80	46.4856	10·2
...	58·322	−11·725	− 3	E	...
...	58·284	− 5·055	− 4	E	...
11–20					
11					
...	−58·261	+ 9·234	− 2	...	...
...	58·125	+52·354	− 1	44.5102	10·2
...	57·930	− 3·654	− 2	E	...
...	57·567	−28·415	− 5	E	...
...	57·549	+49·417	1·40	45.4938	9·8
...	−57·484	+31·574	0·65	...	...
...	57·472	− 5·300	0·80	45.4937	10·2
...	57·333	+39·025	− 1	45.4939	10·2
...	56·355	+ 6·612	− 4	E	...
...	56·351	−35·621	− 5	E	...
21–30					
21					
...	−56·085	−34·430	0·90	46.4858	10·0
...	56·048	−12·533	0·80	46.4859	10·2
...	55·907	−14·729	− 5	E	...
*	55·677	− 4·411	1·80	45.4940	9·2
*	55·493	− 5·941	1·40	45.4941	9·7
...	−55·252	−32·364	− 4	...	...
...	55·036	−32·591	− 5	E	...
...	55·008	−28·553	− 2	...	...
...	54·580	+ 3·319	− 2	...	...
...	54·526	+15·009	− 4	E	...

MC measured from 1, 131, 304, 482, 659, 843.
ES ,, ,, 60, 207, 382, 562, 756, 917.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
31–90					
31	′	′		°	
S *	−54·362	−15·422	3·20	46.4861	8·2
...	54·328	+42·426	− 2	45.4942	10·2
*	54·258	−30·522	0·90	46.4860	10·0
...	53·914	−29·436	− 1	46.4862	10·2
...	53·806	−11·695	0·85	46.4863	10·2
...	−53·805	−44·574	− 4	E	...
*	53·763	+ 1·594	2·20	45.4943	8·8
*	53·408	+50·674	1·40	45.4944	9·7
...	53·302	+16·765	− 3	...	...
...	53·130	−14·176	− 5	M	...
41					
*	−53·096	−12·227	1·80	46.4865	9·1
N * [	53·009	+48·333	2·20	45.4945	9·2
...	52·786	+34·556	− 3	...	...
...	52·636	−20·640	− 1	46.4866	9·9
...	52·618	−20·562	− 1		
*	−52·229	−12·175	1·80	46.4868	9·0
...	51·878	−23·788	− 4	M	...
...	51·870	+29·201	− 5	M	...
...	51·815	+18·205	− 5	M	...
...	51·687	−22·682	− 3	E	...
51					
*	−51·578	−59·308	1·60	46.4867	9·6
...	51·498	+26·226	− 3	...	...
...	51·489	+16·158	− 4	E	...
...	51·480	+58·215	0·65	44.5107	10·0
...	51·458	−50·838	− 3	46.4869	10·2
...	−51·083	−37·437	− 4	E	...
...	50·464	+58·795	− 4	...	...
...	50·216	−29·186	− 4	E	...
*	50·115	− 6·398	1·00	45.4946	9·8
*	49·475	+46·225	1·80	45.4947	9·2
61					
...	−49·475	+ 8·321	− 4	M	...
...	49·430	+17·275	− 4	M	...
...	49·268	−29·680	− 5	M	...
...	49·069	+52·642	− 4	E	...
...	49·059	−15·836	− 2	E	...
...	−48·810	+44·155	− 5	E	...
...	48·685	− 3·679	− 4	M	...
*	48·685	−30·838	1·70	46.4870	9·6
*	48·559	−22·217	1·00	46.4871	10·0
...	48·312	−21·250	− 5	M	...
71					
...	−48·172	− 5·114	− 3	E	...
...	48·020	+ 5·873	− 5	M	...
...	47·662	−40·412	0·65	...	...
*	47·494	+55·228	2·70	44.5111	8·7
...	47·121	+ 7·523	− 4	M	...
...	−46·989	−58·933	− 5	M	...
...	46·986	−28·069	0·85	46.4872	10·2
...	46·781	+31·207	− 5	M	...
*	46·655	− 4·042	1·00	45.4948	10·0
...	46·313	+12·718	− 3	E	...
81					
...	−46·290	+20·723	− 2	E	...
...	46·119	+ 6·644	− 3	E	...
...	46·028	+36·221	− 4	M	...
*	45·857	−45·308	1·90	46.4873	9·4
...	45·756	+57·416	− 1	...	...
...	−45·735	+19·812	− 4	E	...
...	45·624	−35·417	− 5	M	...
...	45·539	+20·252	− 5	M	...
...	45·437	+28·419	0·95	45.4949	10·2
...	45·415	+35·442	− 5	M	...
91–150					
91				M	
...	−45·083	− 9·684	− 4		...
‡	44·880	+45·638	1·30	45.4951	10·0
...	44·826	−30·300	− 2	...	...
*	44·822	+39·594	1·80	45.4950	9·6
...	44·619	+11·371	− 5	M	...
...	−44·474	−20·797	− 5	M	...
...	44·407	−39·797	− 4	M	...
...	44·332	−21·996	− 3	M	...
...	44·316	−48·998	− 5	M	...
†	44·299	− 4·836	− 4	M	...
101					
...	−44·176	− 3·471	− 5	M	...
*	44·003	+ 6·088	0·90	45.4952	10·2
...	43·954	−29·335	0·70	...	...
...	43·935	−21·093	− 3	E	...
*	43·733	−28·447	1·00	46.4875	9·9
*	−43·715	+23·343	1·15	45.4953	9·7
...	43·459	+ 1·679	− 4	M	...
...	43·459	+ 4·734	− 5	M	...
...	43·407	+58·770	− 5	M	...
...	43·289	+11·276	0·85	...	...
111					
...	−43·219	−48·200	− 5	M	...
*	43·146	−51·463	2·00	46.4876	9·4
...	43·120	+14·255	− 3	A	...
...	43·049	−29·168	0·90	46.4877	10·2
...	42·987	− 4·042	0·80	...	...
...	−42·937	+52·851	1·05	44.5117	10·2
...	42·933	+ 9·705	− 5	M	...
...	42·657	− 2·146	− 5	M	...
...	42·527	+44·255	0·65	...	...
*	42·260	+14·343	1·15	45.4954	9·7
121					
*	−42·226	−11·603	0·95	46.4879	9·9
...	42·210	−45·964	0·90	46.4878	10·0
*	41·934	−19·245	1·00	46.4880	10·0
...	41·798	+ 5·001	0·85	45.4955	10·2
...	41·562	+39·732	− 5	M	...
...	−41·560	+19·631	− 5	M	...
...	41·212	+44·853	0·95	45.4956	10·0
...	41·110	−45·229	− 5	M	...
...	40·585	−51·841	− 4	...	...
*	40·207	+ 9·080	1·00	45.4957	10·0
131					
†	−39·882	+58·488	− 2	...	...
...	39·822	−15·818	0·85	46.4881	10·2
...	39·730	−34·817	− 5	M	...
...	39·681	−19·709	− 3	...	...
...	39·635	+14·900	− 4	M	...
...	−39·624	−17·880	− 2	...	...
...	39·621	+23·877	− 2	45.4958	10·2
...	39·592	+53·620	− 1	44.5123	10·2
...	39·526	+23·739	− 3	B	...
...	39·271	+11·337	− 2	B	...
141					
...	−39·164	− 8·724	0·90	46.4882	10·2
...	38·970	−43·547	− 3	...	...
...	38·555	−23·567	− 4	M	...
*	37·992	−59·188	1·20	46.4883	9·8
...	37·815	+10·541	− 4	M	...
*	−37·779	−20·674	1·20	46.4884	9·4
...	37·731	+35·358	− 5	M	...
*	37·726	+45·600	1·20	45.4960	9·8
...	37·571	+29·360	0·90	45.4959	9·9
†	37·540	−29·813	0·90	46.4885	10·0
151–210					
151				°	
...	−37·413	+ 1·087	− 1	...	...
...	37·103	−55·188	− 3	...	...
...	36·694	−22·264	− 5	M	...
...	36·407	+ 4·774	− 4	M	...
...	36·280	−33·282	0·85	46.4886	10·2
S *	−36·150	+50·750	1·90	45.4962	8·9
...	36·068	+ 8·444	− 4	M	...
...	36·058	− 4·543	− 5	M	...
*	36·044	+54·165	1·40	44.5127	9·7
...	36·010	−28·126	− 4	M	...
161					
...	−35·836	+21·145	− 2	...	...
...	35·781	− 2·757	0·80	45.4961	10·2
...	35·321	+38·271	− 1	...	...
*	35·262	−26·996	1·00	46.4887	9·9
...	35·089	− 8·675	− 1	...	...
†	−34·998	+ 4·125	− 5	M	...
...	34·919	−12·309	0·65	...	...
†	34·902	+50·528	− 4	M	...
*	34·630	+14·558	0·90	45.4963	10·0
...	34·564	+ 1·714	− 1	A	...
171					
...	−34·434	−46·604	0·85	46.4888	10·2
...	34·305	+11·213	− 4	M	...
...	34·214	− 3·836	− 1	...	...
...	34·204	+17·912	− 3	B	...
...	34·187	−21·683	0·70	46.4889	10·2
...	−33·820	− 1·286	− 4	M	...
...	33·792	−18·742	− 2	...	...
*	33·658	+39·479	0·95	45.4964	10·0
...	33·445	+32·363	− 3	...	...
...	33·283	− 8·552	− 3	M	...
181					
*	−32·985	−10·206	0·90	46.4891	10·0
†	32·777	− 9·802	− 3	M	...
...	32·769	+38·336	− 4	M	...
...	32·703	+ 6·561	0·90	45.4965	9·9
...	32·480	−46·998	0·90	46.4892	9·9
...	−32·462	−37·540	0·65	46.4893	10·2
...	32·370	− 4·147	− 3	M	...
...	32·324	−16·411	− 4	M	...
...	32·278	+53·241	− 2	44.5131	10·2
...	32·225	− 7·577	− 4	M	...
191					
*	−32·157	+17·472	1·10	45.4966	9·7
*	32·060	−34·559	1·00	46.4894	9·9
...	31·971	+28·756	0·80	...	...
...	31·924	+18·842	− 4	M	...
...	31·861	+ 5·759	− 4	M	...
...	−31·456	−23·808	0·65	...	...
...	31·298	+11·563	− 5	M	...
*	31·000	+10·483	1·00	45.4967	9·7
...	30·976	−12·853	− 4	M	...
*	30·899	+58·943	1·70	44.5133	9·4
201					
*	−30·690	+27·696	1·00	45.4968	9·9
...	30·624	−28·442	− 1	...	...
*	30·611	+53·975	1·00	44.5134	10·0
...	30·238	− 8·001	− 4	M	...
*	30·236	−30·177	1·40	46.4895	9·4
...	−30·151	+48·158	− 2	...	...
... [	29·929	−44·325	− 5	M	...
‡	29·920	+21·456	1·00	45.4969	10·0
...	29·876	+14·957	− 4	M	...
...	29·624	−44·342	− 5	M	...

42. Mass, 45°·65, 46°·65, two stars.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
211–270					
211					
*	−29′488	+36′155	2·00	45.4970	9·0
...	29·234	−29·112	0·70	...	...
...	29·104	+29·001	− 3	M	...
...	29·078	+39·689	− 4	M	...
*	29·014	+ 6·027	0·90	45.4971	10·0
...	−28·762	+52·029	− 5	M	...
...	28·724	+48·481	− 5	M	...
*	28·668	−57·441	1·70	46.4896	9·7
...	28·480	+11·798	− 5	M	...
*	28·449	+12·921	0·90	45.4972	10·2
221					
*	−28·385	+ 1·602	0·90	45.4973	10·0
...	28·329	−16·978	− 5	M	...
...	28·206	+12·272	− 3	A	...
...	28·194	−52·312	− 1	...	...
...	28·188	−27·003	0·80	...	...
...	−27·993	+44·371	− 3	A	...
*	27·908	+50·650	2·00	45.4976	9·2
*	27·888	− 6·911	1·20	45.4974	9·7
...	27·834	−51·482	− 1	...	...
*	27·514	− 3·563	0·90	45.4975	10·2
231					
*	−27·382	+ 9·031	1·50	45.4977	9·4
...	27·347	+56·166	− 3	...	...
*	27·191	+ 1·794	0·90	45.4978	10·0
*	27·174	−14·565	0·95	46.4898	9·8
...	26·964	−58·323	− 5	M	...
...	−26·958	−31·556	− 2	...	...
†	26·910	−59·655	0·95	46.4897	10·0
...	26·694	+14·108	− 4	M	...
...	26·680	−37·002	− 4	M	...
...	26·165	+31·383	− 4	M	...
241					
...	−26·100	+11·896	0·80	45.4979	10·2
...	25·960	+ 8·818	− 5	M	...
...	25·870	−40·392	− 3	...	...
...	25·753	−57·971	− 5	M	...
*	25·697	− 6·671	1·30	45.4980	9·4
†	−25·447	−44·721	− 2	...	...
...	25·372	+39·236	− 5	M	...
...	25·359	+55·953	− 5	M	...
...	25·300	+ 6·761	− 5	M	...
†	25·253	+ 5·100	− 4	M	...
251					
...	−25·155	−55·399	− 5	M	...
...	25·145	−14·170	− 5	M	...
‡	24·977	−27·874	0·90	46.4899	10·2
...	24·736	−39·042	0·65	...	...
...	24·687	+50·246	− 5	M	...
†	−24·616	+45·060	− 4	M	...
...	24·431	−14·559	− 5	M	...
...	24·402	− 5·789	− 5	M	...
...	24·371	+37·786	− 1	A	...
...	24·176	+16·512	− 2	B	...
261					
...	−23·969	−47·662	− 2	...	...
...	23·461	+ 1·391	− 5	M	...
...	23·298	−30·560	− 5	M	...
...	23·148	−33·356	− 4	M	...
...	22·994	+34·949	− 5	M	...
...	−22·954	− 5·241	− 3	B	...
...	22·954	−57·640	− 5	M	...
...	22·916	+ 0·453	− 5	M	...
...	22·819	−47·955	− 5	M	...
...	22·432	− 8·074	0·80	46.4900	10·2
271–330					
271					
...	−22′353	−47′513	− 4	M	...
*	22·040	+ 8·136	1·00	45.4981	9·8
*	21·983	− 9·539	0·95	46.4901	10·0
...	21·896	−18·764	− 5	M	...
...	21·772	−56·017	0·95	46.4902	10·2
...	−21·746	+ 9·428	0·65	...	...
...	21·672	−21·806	− 5	M	...
...	21·619	+17·454	− 5	M	...
...	21·455	−14·618	− 4	M	...
...	21·311	+ 6·589	− 5	M	...
281					
...	−21·253	− 7·122	− 4	M	...
...	21·200	+41·875	− 5	M	...
‡	21·197	−24·771	1·00	46.4903	9·8
...	21·192	+21·181	− 5	M	...
...	21·177	+25·430	− 4	M	...
†	−21·146	+40·058	− 5	M	...
...	21·085	+35·810	− 3	B	...
...	21·036	−12·869	− 4	M	...
...	21·022	−25·570	− 5	M	...
...	20·967	−31·263	− 5	M	...
291					
*	−20·809	−18·004	1·00	46.4905	9·8
...	20·740	+ 3·122	− 2	A	...
S *	20·615	−15·161	1·40	46.4906	9·2
...	20·599	−51·712	0·75	46.4904	10·2
...	20·493	−14·490	− 3	B	...
...	−20·459	+37·644	− 5	M	...
...	20·443	−23·743	− 1	...	...
...	20·440	+42·000	− 4	M	...
...	20·402	−11·693	− 2	B	...
...	20·298	− 0·759	− 5	M	...
301					
...	−20·272	+24·011	− 5	M	...
‡	20·219	+10·047	1·70	45.4982	9·2
...	20·071	+57·358	0·75	...	...
†	19·992	+ 2·803	0·75	...	...
†	19·984	−24·283	− 5	M	...
...	−19·723	−28·468	− 5	M	...
...	19·667	+11·503	0·70	45.4983	10·2
S *	19·627	+18·776	2·90	45.4984	8·1
...	19·467	− 9·226	− 3	M	...
...	19·433	+ 4·469	− 3	M	...
311					
...	−19·382	+55·764	0·80	44.5154	10·2
...	19·210	−46·091	− 1	...	...
...	19·197	+25·345	− 4	M	...
...	19·070	− 1·478	− 4	M	...
...	19·012	−10·690	− 3	M	...
*	−18·988	+39·598	1·20	45.4986	9·8
...	18·942	−39·819	− 5	M	...
*	18·898	− 2·209	0·90	45.4985	10·2
...	18·688	−56·492	− 4	M	...
...	18·177	+46·059	− 3	B	...
321					
...	−17·936	+35·421	− 5	M	...
...	17·920	−45·645	− 1	...	...
...	17·875	−38·558	− 4	M	...
...	17·821	− 5·317	0·80	45.4987	10·2
...	17·800	+17·315	− 3	M	...
...	−17·554	− 5·110	0·80	45.4988	10·2
...	17·209	+29·915	− 2	...	...
*	17·186	−41·179	1·20	46.4907	9·6
...	17·162	+32·766	− 4	M	...
...	16·767	+55·988	− 4	M	...
331–390					
331					
...	−16′756	−12′487	− 2	B	...
...	16·632	+42·593	− 4	M	...
...	16·570	+50·760	− 5	M	...
...	16·522	+14·034	− 3	M	...
...	16·442	+24·958	0·65	...	...
...	−16·394	+ 6·038	− 5	M	...
...	16·279	+53·549	0·90	44.5158	10·2
...	16·142	+17·846	− 5	M	...
...	16·001	+48·498	− 3	A	...
...	16·000	−29·876	− 4	M	...
341					
...	−15·983	−29·557	0·80	46.4908	10·2
...	15·896	+52·748	− 5	M	...
...	15·850	−56·354	− 1	...	...
...	15·701	−19·040	− 1	...	...
...	15·596	−12·382	− 2	B	...
...	−15·535	−10·515	− 3	B	...
...	15·428	+13·640	0·70	...	...
...	15·298	+ 1·644	− 5	M	...
...	15·195	−17·620	− 4	M	...
...	14·809	−47·456	− 4	M	...
351					
S *	−14·778	−51·150	2·10	46.4909	8·7
...	14·518	−38·378	− 2	...	...
...	14·434	−15·070	− 3	B	...
...	14·413	+44·411	− 5	M	...
N	14·371	−15·591	− 3	M	...
...	−14·275	+29·755	0·70	...	...
...	14·159	+14·349	− 5	M	...
...	14·079	+29·339	− 5	M	...
...	14·030	+10·577	− 2	...	...
...	13·819	−29·020	− 1	...	...
361					
...	−13·747	− 4·277	0·75	45.4989	10·2
...	13·611	−21·775	0·80	46.4910	10·2
*	13·484	−33·355	1·20	46.4911	9·7
...	13·480	+22·030	− 1	...	...
...	13·019	−47·100	− 3	...	...
*	−12·988	+ 7·459	0·95	45.4990	10·0
*	12·722	−13·268	1·20	46.4912	9·4
...	12·654	+13·376	− 2	...	...
...	12·600	−37·202	0·90	46.4913	10·2
...	12·287	−21·427	0·80	46.4914	10·0
371					
...	−12·272	+25·747	0·75	45.4991	10·2
...	11·718	+26·846	− 3	M	...
...	11·610	+16·555	− 4	M	...
...	11·499	+12·199	− 3	M	...
...	11·240	−58·891	− 2	46.4915	10·2
...	−11·121	+25·922	0·75	45.4992	10·2
...	11·031	−23·678	− 5	M	...
...	10·956	− 6·188	− 4	M	...
...	10·830	+37·121	− 3	A	...
...	10·717	+33·223	− 4	M	...
381					
†	−10·089	+16·740	− 4	M	...
†	10·008	+58·061	− 3	...	...
...	9·843	+31·317	− 4	M	...
...	9·843	+24·394	0·85	45.4993	10·2
*	9·710	+39·705	1·05	45.4994	9·8
...	− 9·391	+10·621	0·80	45.4996	10·2
*	9·334	+23·973	1·05	45.4995	9·7
...	9·139	−56·512	0·80	...	...
...	9·082	+ 8·154	− 4	M	...
†	9·017	+30·041	− 4	M	...

355. Obscures 2nd image of 353.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
391–450					
391					
...	− 9·013	−40·900	− 5	M	...
*	9·005	+52·559	1·40	44.5170	9·8
...	8·912	−22·367	− 5	M	...
...	8·873	+51·790	− 5	M	...
...	8·545	+55·171	0·85	44.5173	10·2
...	− 8·277	−18·961	− 5	M m	...
*	8·022	+ 9·930	0·90	45.4997	10·0
...	7·979	+23·943	− 4	M	...
*	7·950	− 2·240	1·70	45.4998	9·0
...	7·571	−45·751	− 5	M	...
401					
...	− 7·428	−41·555	− 5	M	...
...	7·226	+55·166	0·80	44.5176	10·2
...	7·060	−25·919	− 2	B	...
...	7·013	+12·858	− 4	M m	...
...	6·863	+51·789	− 5	M	...
...	− 6·858	+ 4·093	0·80	45.4999	10·2
...	6·831	−32·958	− 2	M	...
...	6·825	−27·974	− 5	M	...
*	6·719	−45·095	1·15	46.4916	9·9
*	6·698	−15·236	0·80	46.4917	10·2
411					
...	− 6·650	− 8·291	− 5	M m	...
...	6·555	−20·942	− 4	M m	...
...	6·477	+22·184	0·80	...	...
...	6·456	+ 8·113	− 5	M m	...
...	6·451	−16·358	0·75	...	...
...	− 6·439	+19·617	0·85	45.5000	10·2
...	6·259	+42·977	− 4	M	...
...	6·089	+23·816	− 4	M	...
*	6·079	−37·655	1·00	46.4918	10·0
...	6·015	−14·893	0·65	M	...
421					
...	− 5·913	−26·213	− 2	M	...
...	5·868	− 7·533	0·75	M	...
†	5·795	+ 0·154	− 3	M α	...
...	5·662	+15·261	− 3	M	...
...	5·358	−30·068	− 5	M m	...
...	− 5·118	+52·864	− 3	...	...
†	5·037	−18·153	− 4	M m	...
S ‡	4·966	+27·285	1·50	45.5001	9·2
...	4·770	−49·069	− 2	...	...
...	4·741	+16·131	− 5	M m	...
431					
...	− 4·638	+24·015	− 5	M m	...
*	4·572	+56·882	1·70	44.5177	9·4
...	4·505	+46·404	− 5	M	...
...	4·500	+30·959	0·65	...	...
*	4·414	−45·377	1·80	46.4919	9·2
...	− 4·410	−28·246	0·80	46.4920	10·2
...	4·409	+17·327	− 4	M m	...
...	4·317	+ 4·696	− 4	M m	...
...	4·297	+59·882	− 5	M	...
...	4·188	−25·324	0·70	...	...
441					
...	− 4·109	+12·632	− 4	M m	...
*	4·051	−10·542	1·70	46.4921	9·2
*	3·993	+12·674	0·85	45.5002	10·0
...	3·975	− 8·415	− 4	M m	...
m *	3·816	+ 0·472	1·10	45.5003	9·7
...	− 3·575	+40·162	− 2	M	...
...	3·525	−39·186	− 1	...	...
...	3·466	+18·552	0·70	...	...
...	3·403	− 9·952	0·80	46.4922	10·0
...	3·377	+46·559	− 4	M	...
451–510					
451					
...	− 3·375	− 7·782	− 2	M	...
...	3·168	− 8·424	− 5	M m	...
...	2·990	+57·039	− 3	M	...
...	2·889	−46·950	− 3	M	...
...	2·779	+ 9·749	− 5	M m	...
*	− 2·745	+27·469	1·15	45.5004	9·6
...	2·658	+18·646	0·70	M	...
...	2·592	−32·742	− 3	M	...
...	2·544	− 9·042	0·75	46.4923	10·2
...	2·486	−28·599	− 5	M m	...
461					
...	− 2·352	+42·042	− 2	M	...
...	2·180	+38·026	− 4	M	...
*	2·172	−12·815	1·10	46.4924	9·6
...	1·900	−52·755	− 4	M	...
*	1·780	− 5·546	0·80	45.5005	10·2
...	− 1·688	+55·880	0·70	...	...
...	1·673	+56·556	− 5	M	...
...	1·359	+13·788	− 5	M m	...
†	1·346	−29·774	− 5	M m	...
...	1·264	−22·280	0·80	46.4925	10·2
471					
...	− 1·216	+12·862	− 5	M m	...
...	1·065	−24·253	− 4	M m	...
...	1·003	+35·681	− 4	M	...
...	0·676	−44·246	− 5	M	...
...	0·648	−26·761	− 4	M	...
...	− 0·378	+12·525	0·65	45.5006	10·2
...	0·320	+39·290	− 4	M	...
...	0·307	−20·816	− 2	M	...
...	0·194	−35·375	− 3	M	...
‡	0·187	−57·534	2·00	46.4926	8·9
481					
...	− 0·176	+12·514	− 3	M	...
‡	− 0·026	+15·827	0·85	45.5007	10·0
...	+ 0·198	+ 2·099	− 5	M m	...
...	0·324	+33·647	− 4	M	...
...	0·415	+56·203	− 4	M	...
...	+ 0·705	+28·499	− 3	M	...
...	0·837	− 0·334	− 5	M m	...
*	0·946	−53·992	1·20	46.4927	9·8
†	1·043	+15·101	− 4	M	...
*	1·054	−13·701	1·80	46.4928	9·0
491					
...	+ 1·274	+31·073	0·70	...	...
...	1·460	− 9·282	− 3	M	...
...	1·786	−35·483	− 4	M	...
...	2·071	+45·958	− 1	...	...
...	2·182	+46·118	− 4	M	...
*	+ 2·224	− 7·956	1·00	46.4929	9·7
S *	2·787	+55·791	1·90	44.5192	8·9
...	2·857	−28·020	− 3	M	...
...	2·966	−41·772	− 4	M	...
...	3·134	−41·365	− 2	M	...
501					
...	+ 3·209	− 6·076	− 5	M m	...
*	3·245	−23·951	1·70	46.4930	9·0
*	3·343	−36·670	1·30	46.4931	9·6
...	3·392	+17·827	− 4	M	...
...	3·418	+52·787	− 4	M	...
...	+ 3·598	+44·003	− 5	M	...
...	3·737	+23·552	− 5	M	...
...	3·745	−36·748	− 2	...	...
...	3·894	−21·417	0·75	46.4932	10·2
...	4·253	−53·522	− 5	M	...
511–570					
511					
...	+ 4·401	+56·684	− 4	M	...
...	4·403	+27·084	− 2	45.5009	10·2
S *	4·468	− 3·020	1·90	45.5008	8·9
...	4·561	−19·072	− 4	M	...
...	4·575	+53·096	− 1	...	...
...	+ 4·630	+27·094	− 4	M	...
...	4·663	+ 1·083	− 4	M m	...
...	4·701	−17·380	− 3	M	...
‡	4·886	+29·370	1·00	45.5010	9·7
...	5·132	+35·479	− 5	M	...
521					
...	+ 5·213	+11·209	0·90	45.5011	10·0
...	5·416	−12·183	− 4	M	...
...	5·437	+33·491	0·90	45.5012	10·0
...	5·440	−53·724	− 3	...	...
...	5·596	+28·578	− 5	M	...
...	+ 5·625	−22·894	− 1	M	...
...	5·669	−15·727	− 5	M m	...
*	5·750	−36·787	1·00	46.4933	9·8
...	5·867	− 8·206	− 4	M	...
*	5·986	+28·684	1·40	45.5013	9·4
531					
...	+ 6·081	+28·086	− 3	M	...
*	6·161	+ 6·341	1·20	45.5014	9·6
...	6·662	−55·931	− 5	M	...
...	6·857	+28·927	− 4	M	...
...	6·972	+36·468	− 5	M	...
*	+ 6·980	−36·360	0·90	46.4934	10·2
...	7·002	−42·176	− 5	M m	...
...	7·159	+26·287	− 5	M m	...
...	7·451	+54·454	− 1	...	...
...	7·476	−19·879	− 1	M	...
541					
...	+ 7·506	+35·111	− 1	45.5015	10·2
...	7·584	−17·946	− 1	M	...
*	7·616	− 6·741	0·95	45.5017	9·8
*	7·625	− 0·737	0·90	45.5016	9·9
*	7·828	+38·991	1·00	45.5018	9·8
...	+ 7·859	+37·805	− 3	...	...
...	7·977	+48·448	0·65	45.5019	10·2
*	8·172	−23·864	1·00	46.4935	9·8
*	8·261	+20·449	1·20	45.5020	9·6
...	8·354	+22·471	− 4	...	...
551					
...	+ 8·518	+38·636	− 4	...	...
*	8·940	−25·446	1·20	46.4936	9·5
...	9·020	+46·338	− 5	...	...
...	9·035	+14·552	− 4	...	...
...	9·054	−35·443	− 3	...	...
...	+ 9·124	+16·119	− 4	...	...
...	9·129	+32·215	− 5	...	...
...	9·220	−17·810	0·70	46.4937	10·2
...	9·763	+18·097	− 5	...	...
...	9·827	+23·079	− 5	...	...
561					
†	+ 9·866	+47·911	− 5	...	...
†	9·921	+48·711	0·85	45.5021	10·2
†	9·933	+55·859	0·70	44.5200	10·2
*	10·095	−39·117	1·00	46.4938	10·0
*	10·138	+15·363	0·90	45.5022	10·2
...	+10·250	+ 8·856	− 5	m	...
...	10·268	+22·823	− 2	...	...
...	10·271	−28·375	0·85	46.4939	10·2
...	10·318	+35·237	− 1	...	...
...	10·555	−13·120	0·70	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
571–630					
571	′	′		°	
...	+10·736	+14·024	0·75	45·5023	10·2
...	10·813	+49·018	− 5	...	...
‡	10·852	−54·794	1·50	46.4940	9·7
...	10·901	+43·759	− 4	...	...
...	10·906	+50·112	− 4	...	...
...	+10·925	+31·639	0·80	...	...
...	10·992	−21·196	− 4	...	...
...	11·075	+19·398	0·75	...	...
*	11·421	+16·434	0·80	...	...
...	11·553	−59·165	− 2	...	...
581					
...	+11·591	+51·867	− 3	...	...
...	11·628	−12·343	0·70	...	...
...	11·847	− 0·717	− 3	...	...
...	11·848	+29·343	0·65	...	...
...	11·903	+27·978	− 2	...	...
...	+11·921	+13·902	− 5	*m*	...
*	11·999	+ 5·639	1·70	45.5024	9·2
...	12·028	+50·609	0·65	...	...
*	12·245	−45·133	1·90	46.4941	9·2
...	12·324	−31·771	− 5	*m*	...
591					
*	+12·501	−28·710	2·00	46.4942	9·0
N [	12·517	+ 6·529	0·65	45.5026	10·2
N [	12·554	+ 6·542	− 1		
*	12·531	−30·907	0·95	46.4943	9·9
‡	12·609	+20·068	1·25	45.5025	9·4
...	+12·736	+ 4·029	− 4	...	...
*	12·802	+37·946	0·95	45.5027	9·9
...	13·017	+47·160	− 4	...	...
...	13·072	−52·222	− 3	...	...
...	13·135	+56·458	0·85	44.5204	10·0
601					
...	+13·273	−22·164	− 3	...	...
*	13·280	+24·572	1·05	45.5029	9·8
...	13·430	− 9·421	− 4	...	...
*	13·528	− 4·174	1·30	45.5030	9·6
...	13·538	+50·467	0·85	45.5028	10·2
*	+13·882	+31·494	0·95	45.5031	10·0
*	14·266	+ 7·648	0·85	45.5032	10·2
...	14·442	+16·553	− 5	*m*	...
...	14·464	+ 9·723	− 1	...	...
†	14·919	+20·566	− 1	...	...
611					
...	+15·036	+ 5·843	− 5	*m*	...
...	15·089	+26·209	− 3	...	...
...	15·175	−27·184	0·85	46.4945	10·2
...	15·333	− 7·830	− 5	*m*	...
...	15·393	−31·744	− 5	*m*	...
...	+15·454	−47·247	0·70	...	...
*	15·528	+26·305	1·20	45.5033	9·8
...	15·817	+32·667	− 5	...	...
...	15·961	− 5·079	0·75	45.5034	10·2
...	15·989	−51·352	− 5	*m*	...
621					
...	+16·371	+38·447	− 2	...	...
...	16·489	−34·425	− 5	*m*	...
...	16·499	−10·721	− 3	...	...
*	16·734	+25·961	1·05	45.5035	9·8
...	16·770	+26·684	− 3	...	...
...	+16·968	+16·020	0·80	45.5036	10·2
...	16·995	+24·499	− 3	...	...
...	17·046	−23·190	0·75	46.4946	10·2
...	17·106	+31·519	− 5	...	...
...	17·248	−39·657	− 3	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
631–690					
631	′	′		°	
*	+17·454	−50·933	1·10	46.4948	10·2
...	17·510	+22·564	− 2	...	...
*	17·542	−17·457	1·50	46.4947	9·4
*	17·699	− 1·130	1·15	45.5037	9·8
...	17·727	−12·619	− 2	...	...
...	+17·735	−54·180	− 4	...	...
...	18·064	− 2·282	− 5	*m*	...
...	18·263	+17·279	− 2	...	...
...	18·304	−55·804	− 2	...	...
...	18·483	−32·223	− 4	...	...
641					
...	+18·545	+ 8·671	− 2	...	...
†	18·578	−14·811	− 2	...	...
...	18·744	−33·514	− 5	...	...
...	18·759	+42·191	0·70	...	...
...	18·775	+22·116	− 4	...	...
...	+18·985	−43·703	− 5	*m*	...
...	19·022	−32·113	− 5	*m*	...
...	19·050	−52·387	− 4	...	...
...	19·127	+53·714	0·75	44.5209	10·2
...	19·192	+27·265	− 5	...	...
651					
...	+19·199	+ 6·958	− 1	...	...
...	19·223	−15·011	− 4	*m*	...
...	19·271	+ 4·535	− 3	...	...
...	19·348	− 1·249	− 3	...	...
...	19·373	+23·128	− 3	...	...
*	+19·463	−12·019	1·15	46.4951	9·8
*	19·754	+34·192	1·50	45.5038	9·4
†	19·802	−37·337	− 4	*m*	...
...	19·929	−16·211	− 4	...	...
*	19·953	+52·042	1·10	44.5213	9·9
661					
...	+19·992	+21·608	− 4	...	...
...	20·059	+13·972	0·70	45.5039	10·2
S *	20·152	−55·406	2·10	46.4953	8·7
...	20·191	− 2·710	− 5	*m*	...
...	20·197	−25·035	0·80	46.4952	10·2
...	+20·219	−56·156	− 5	*m*	...
...	20·454	+ 8·665	− 4	...	...
*	20·607	+11·451	1·60	45.5040	9·2
...	20·622	−45·241	− 4	...	...
...	20·695	+52·825	− 5	...	...
671					
*	+20·705	+ 8·098	0·90	45.5041	9·9
...	20·714	−55·163	− 4	...	...
...	20·932	−14·340	− 1	...	...
...	21·086	− 9·593	− 3	...	...
...	21·147	−20·210	− 5	...	...
...	+21·215	+22·567	0·85	45.5042	10·0
...	21·221	−17·180	− 4	...	...
...	21·302	+21·270	− 4	...	...
...	21·425	−41·761	1·00	46.4954	10·2
...	21·452	+15·552	− 2	...	...
681					
...	+21·646	+11·071	− 3	...	...
...	21·683	+28·844	− 5	...	...
...	21·695	−31·810	0·90	46.4955	10·2
...	21·839	+19·269	− 3	...	...
...	21·884	+56·778	− 4	...	...
...	+21·954	+ 6·899	− 4	...	...
...	22·365	+29·463	0·65	45.5043	10·2
...	22·490	+ 6·839	− 1	45.5044	10·4
...	22·506	+ 6·689	− 3	...	...
...	22·680	+57·511	− 2	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
691–750					
691	′	′		°	
*	+22·803	− 2·431	0·95	45.5045	10·3
...	22·820	+17·542	− 1	...	...
...	22·959	+41·788	− 3	...	...
...	22·980	+25·240	− 4	...	...
...	23·075	−57·307	− 4	...	...
...	+23·386	−30·530	0·85	46.4957	10·2
*	23·661	−37·847	0·90	46.4958	10·4
...	23·683	+58·976	− 5	...	...
...	23·700	+41·483	− 3	...	...
...	24·088	+ 9·504	− 5	...	...
701					
...	+24·143	+54·657	− 2	...	...
...	24·175	−10·991	− 3	...	...
*	24·184	+32·794	1·40	45.5046	9·3
S *	24·326	−36·925	1·80	46.4959	8·9
...	24·412	+28·900	− 3	...	...
...	+24·473	+46·708	− 1	...	...
...	24·478	−53·105	− 5	*m*	...
...	24·539	+ 4·251	− 3	...	...
...	24·618	− 3·768	− 3	...	...
...	24·936	−31·896	− 3	...	...
711					
...	+25·035	−57·560	− 3	...	...
...	25·184	+19·325	− 5	...	...
...	25·450	−34·173	− 1	...	...
...	25·617	+49·407	− 1	45.5047	10·4
...	25·727	−52·208	− 4	...	...
...	+25·738	+22·645	− 1	...	...
...	25·905	−35·735	− 4	...	...
...	25·957	−46·344	0·85	...	...
...	26·039	+12·946	− 5	...	...
...	26·074	− 7·829	− 4	...	...
721					
...	+26·090	+32·037	− 2	45.5048	10·4
...	26·130	−55·308	1·00	46.4961	10·4
...	26·162	−19·514	− 2	...	...
...	26·403	+ 5·678	− 5	*m*	...
...	26·451	+21·566	0·90	45.5049	10·4
...	+26·475	−35·492	− 4	*m*	...
...	26·551	+19·794	− 2	...	...
...	26·646	+13·297	− 4	...	...
...	26·702	+ 2·135	0·85	45.5051	10·4
...	26·714	+17·353	0·65	45.5050	10·4
731					
...	+26·849	+ 2·755	− 5	*m*	...
...	26·929	+24·503	− 1	...	...
...	26·983	+ 9·110	− 4	...	...
*	27·029	−47·024	1·00	46.4962	10·2
...	27·048	+42·750	− 5	...	...
...	+27·317	− 1·285	− 4	...	...
...	27·435	+34·391	− 5	...	...
...	27·500	− 3·609	− 4	*m*	...
...	27·590	−46·114	− 2	...	...
...	27·807	+33·175	− 4	...	...
741					
...	+28·074	+12·253	0·90	45.5052	10·3
*	28·598	+48·481	1·30	45.5053	9·4
...	28·874	−55·569	− 4	*m*	...
...	28·942	−46·952	− 3	...	...
...	29·037	−13·024	− 4	*m*	...
...	+29·077	−20·468	0·75	46.4963	10·4
...	29·260	+39·467	0·75	45.5055	10·4
...	29·265	+45·117	0·90	45.5054	10·4
...	29·360	− 3·518	− 4	*m*	...
...	29·364	−26·784	− 4	...	...

592, 593: 45°·66, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
751–810					
751					
...	+29·379	+56·926	1·00	46.4964	10·4
...	29·473	+13·474	− 4	...	...
...	29·475	+ 9·105	− 3	...	...
...	29·553	−35·816	− 1	...	...
†	29·760	−48·550	− 3	46.4965	10·4
†	+29·820	−38·614	− 5	*m*	...
†	29·852	−48·471	− 5	...	...
...	29·998	−42·587	− 5	*m*	...
*	30·030	+52·263	1·20	44.5228	10·0
...	30·205	− 5·210	− 4	*m*	...
761					
...	+30·273	+ 5·369	− 3	...	...
...	30·503	−50·731	− 5	*m*	...
*	30·546	+26·527	0·85	45.5056	10·3
...	30·596	+28·241	− 1	...	...
*	30·637	−16·363	0·90	46.4966	10·3
...	+30·785	−27·999	− 4	...	...
...	30·939	−17·171	− 4	*m*	...
...	31·043	+21·846	0·85	45.5057	10·4
...	31·155	−15·305	− 5	*m*	...
...	31·289	−58·865	0·95	46.4968	10·4
771					
*	+31·326	+19·953	0·95	45.5058	10·2
*	31·427	−23·911	1·15	46.4967	9·8
...	31·477	+29·913	− 3	...	...
...	31·520	− 6·400	− 3	...	...
...	31·720	−31·735	− 5	*m*	...
*	+31·771	+ 4·236	0·85	45.5059	10·4
S *	31·900	+ 5·707	2·10	45.5060	8·6
...	32·014	+19·015	− 2	...	...
...	32·087	−38·266	− 5	*m*	...
†	32·385	+15·103	− 4	...	...
781					
...	+32·399	+ 4·674	− 5	*m*	...
...	32·514	−26·984	− 3	...	...
...	32·594	−13·159	− 5	...	...
...	32·634	+31·095	− 5	...	...
...	32·771	− 6·104	− 4	*m*	...
*	+32·830	−30·035	1·20	46.4969	9·8
...	32·837	−35·632	− 3	...	...
...	32·841	+ 8·751	− 3	...	...
...	32·854	−46·098	− 5	*m*	...
...	32·947	−27·992	− 4	*m*	...
791					
...	+32·953	+38·869	0·65	...	...
...	33·024	+23·060	0·70	45.5061	10·4
...	33·090	+22·429	− 5	...	...
...	33·219	−15·320	− 4	*m*	...
S *	33·230	+39·372	3·00	45.5062	7·5
...	+33·685	+17·223	− 5	...	...
...	33·854	− 2·223	0·80	45.5064	10·4
*	33·909	+10·972	1·00	45.5063	10·2
...	33·986	+12·515	− 3	...	...
...	34·027	−31·135	− 5	*m*	...
801					
...	+34·408	−10·445	− 1	...	...
...	34·425	−27·257	− 5	*m*	...
...	34·652	+13·536	− 5	...	...
†	34·880	+20·683	− 3	...	...
...	34·919	+17·290	− 3	...	...
*	+34·936	+ 2·021	0·90	45.5065	10·3
*	35·060	+ 6·633	1·00	45.5066	10·0
...	35·169	− 2·505	− 5	*m*	...
...	35·338	+29·384	− 5	...	...
*	35·366	− 7·079	2·00	45.5068	9·0

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
811–870					
811					
...	+35·388	−47·456	0·65	...	...
*	35·448	+35·655	2·00	45.5067	8·8
...	35·590	−26·000	0·80	...	...
...	35·675	+23·395	− 4	...	...
...	35·734	+25·648	− 5	...	...
...	+35·794	− 0·966	− 5	...	...
...	35·814	+55·556	− 4	...	...
...	36·258	−20·745	− 4	...	...
...	36·360	+20·462	− 3	...	...
...	36·379	− 7·869	0·80	45.5069	10·4
821					
...	+36·662	−19·899	− 4	...	...
‡	36·720	+14·984	1·35	45.5070	9·8
...	37·174	+52·019	− 5	...	...
†	37·198	+20·013	− 5	...	...
...	37·238	− 8·087	0·70	...	...
...	+37·340	+32·125	− 5	...	...
...	37·366	+23·885	− 5	...	...
...	37·398	−18·361	− 4	...	...
*	37·597	−39·157	1·35	46.4973	10·0
...	37·682	+40·609	− 5	...	...
831					
*	+37·791	−12·983	1·70	46.4972	9·4
...	37·985	− 6·165	− 5	*m*	...
...	38·262	+55·858	0·95	44.5237	10·4
...	38·316	+ 1·858	− 3	...	...
...	38·350	+31·634	0·85	45.5071	10·4
...	+38·366	+43·423	0·70	45.5072	10·4
...	38·539	−57·816	− 5	...	...
...	39·147	−24·691	− 3	...	...
...	39·200	−33·179	0·80	...	...
...	39·686	−30·360	0·80	46.4974	10·4
841					
†	+39·781	−16·526	− 5	...	...
†	39·787	−21·648	− 5	*m*	...
‡	39·924	+58·493	1·80	44.5239	9·5
...	39·960	− 0·993	0·80	45.5073	10·4
...	39·986	+15·857	− 4	...	...
*	+39·991	−18·348	1·20	46.4975	9·8
...	40·066	+23·829	− 5	...	...
...	40·077	−23·899	− 4	...	...
...	40·245	− 7·342	− 1	...	...
*	40·457	+23·555	1·00	45.5074	10·0
851					
*	+40·511	+58·400	1·40	44.5241	9·7
...	40·526	+14·077	− 4	...	...
...	40·833	−38·536	− 2	...	...
...	41·126	−21·047	− 4	...	...
...	41·424	+14·445	− 5	...	...
...	+41·442	− 0·770	− 5	*m*	...
...	41·456	+31·491	0·65	...	...
...	42·075	+ 3·675	− 1	...	...
*	42·306	−33·665	0·95	46.4977	10·0
...	42·458	+41·892	− 4	...	...
861					
...	+42·643	−53·156	− 4	...	...
...	42·647	+18·289	− 5	...	...
*	42·683	+29·379	1·10	45.5075	9·8
...	42·858	− 0·037	0·65	*f*	...
...	42·970	−25·285	− 4	...	...
*	+42·994	−32·302	1·00	46.4978	10·0
*	43·230	−54·934	2·00	46.4980	9·0
...	43·344	−17·702	− 5	*m*	...
*	43·449	+23·106	1·20	45.5076	9·8
...	43·667	−53·178	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
871–930					
871					
...	+43·719	−55·676	− 2	46.4981	10·4
...	43·916	+20·927	− 5	...	...
...	44·156	+ 5·941	− 4	...	...
...	44·180	+33·624	− 4	...	...
...	44·231	−58·642	− 3	...	...
...	+44·472	+14·565	0·95	45.5077	10·3
...	44·559	−12·196	− 4	...	...
...	44·655	− 3·690	− 3	...	...
...	44·655	−24·633	− 5	*m*	...
*	44·684	−41·401	1·00	46.4982	10·2
881					
*	+44·891	+ 4·618	1·00	45.5078	10·0
...	44·930	−43·938	− 4	...	...
...	45·594	−10·026	− 2	*e*	...
*	45·785	+29·300	1·80	45.5080	9·0
...	45·786	+35·824	0·85	45.5079	10·3
*	+45·923	− 3·304	1·00	45.5082	10·0
...	46·029	+54·816	− 1	44.5252	10·4
...	46·042	+ 5·203	0·85	45.5081	10·0
...	46·273	−12·741	− 2	...	...
...	46·401	−18·277	− 5	*m*	...
891					
...	+46·529	−59·008	− 5	...	...
...	46·734	+38·220	− 4	...	...
...	46·864	− 7·225	− 5	...	...
...	47·039	+48·568	− 1	45.5083	10·4
...	47·312	−27·663	− 4	...	...
...	+47·331	+17·721	− 5	...	...
*	47·365	+ 6·755	0·95	45.5084	10·0
*	47·560	+ 0·940	1·00	45.5085	10·0
...	47·663	−32·257	0·85	46.4985	10·4
*	47·730	−50·719	1·80	46.4987	9·1
901					
...	+47·819	− 9·690	0·80	46.4984	10·4
...	48·061	+15·389	− 4	...	...
...	48·098	+ 6·901	− 3	...	...
...	48·188	−37·451	0·80	46.4988	10·4
...	48·199	+ 0·044	− 4	...	...
...	+48·241	−23·425	− 5	...	...
...	48·260	−24·976	− 3	...	...
...	48·520	−46·253	− 2	46.4989	10·4
...	48·778	−20·658	− 3	...	...
...	48·835	−50·598	− 2	46.4992	10·3
911					
...	+48·874	+15·429	− 5	...	...
...	49·052	+51·222	− 1	45.5086	10·4
*	49·149	−15·285	1·80	46.4990	9·0
*	49·334	− 9·198	1·00	46.4991	10·0
...	49·529	−16·636	0·65	46.4993	10·4
...	+49·570	−15·059	− 4	*e*	...
...	49·996	− 3·819	0·85	...	...
...	50·434	+50·879	1·00	45.5087	10·3
...	50·579	+26·028	− 5	...	...
‡	50·580	+10·158	1·60	45.5089	9·2
921					
...	+50·623	+18·208	0·95	45.5088	10·3
...	50·664	+26·931	− 5	...	...
*	50·840	−56·943	2·80	46.4994	8·6
†	50·942	−14·853	− 4	...	...
...	51·134	+10·436	0·65	45.5090	10·4
...	+51·197	−53·456	0·70	46.4996	10·4
...	51·204	+ 0·386	− 5	...	...
*	51·276	− 4·556	2·20	45.5091	8·4
...	51·447	+58·367	0·80	44.5256	10·3
...	51·447	+21·411	0·65	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
931–960					
931	′	′		°	
...	+51·473	−25·606	0·90	46.4995	10·3
...	51·575	+ 8·428	0·80	45.5092	10·4
...	51·648	+46·457	− 5	...	...
...	51·793	+13·213	− 5	...	...
...	51·944	+44·219	− 5	...	...
...	+52·087	+28·494	− 4	...	...
...	52·240	+30·275	0·90	45.5093	10·4
...	52·377	−10·701	− 5	...	...
...	52·384	+18·368	0·95	45.5094	10·4
...	52·774	−44·216	− 5	...	...
941					
*	+52·823	+11·067	1·15	45.5095	10·0
...	52·845	+36·166	− 5	...	...
...	52·898	−26·178	0·75	46.4997	10·4
...	53·038	+17·429	− 4	...	...
...	53·139	+39·145	− 5	...	...
...	+53·271	−22·276	1·00	46.4998	10·3
*	53·440	+12·353	1·15	45.5098	10·0
...	53·474	−21·886	1·10	46.4999	10·2
...	53·700	−36·932	− 3	*e*	...
...	53·776	+42·395	0·95	45.5096	10·3
951					
...	+53·782	+37·225	− 3	...	...
*	53·802	+29·818	1·80	45.5097	9·4
*	54·095	+15·168	1·30	45.5100	9·7
...	54·122	+32·576	1·10	45.5099	10·2
†	54·345	+ 0·085	− 5	...	...
...	+54·865	−42·186	1·15	46.5000	10·2
*	55·011	+ 7·311	1·25	45.5101	10·0
...	55·041	+ 9·772	− 5	...	...
...	55·341	−31·875	− 3	...	...
...	55·482	− 7·185	− 4	...	...
961–990					
961	′	′		°	
*	+55·522	+56·775	1·60	44.5259	9·9
...	55·749	+33·835	− 2	...	...
...	55·853	− 8·124	− 4	*m*	...
...	55·995	−43·232	1·40	46.5003	10·0
...	56·147	−22·292	− 1	...	...
...	+56·221	+ 6·485	− 5	...	...
...	56·290	− 5·890	− 5	...	...
...	56·431	− 8·225	0·80	...	...
*	56·474	−16·612	1·05	46.5002	10·3
*	56·545	+16·213	2·30	45.5102	8·6
971					
...	+56·588	+31·592	− 5	...	...
*	56·673	−15·604	1·00	46.5004	10·4
...	56·819	+59·064	− 1	44.5261	10·4
...	56·863	−12·787	0·65	...	...
*	57·090	+32·306	2·20	45.5103	8·8
...	+57·121	+20·480	0·75	45.5104	10·4
...	57·206	−22·418	− 5	*m*	...
...	57·243	−35·152	− 4	...	...
*	57·479	+31·010	2·00	45.5105	9·1
...	57·610	−13·260	− 5	...	...
981					
*	+57·865	+57·779	2·00	44.5264	9·7
...	57·959	+29·189	− 5	...	...
...	57·987	+18·744	− 5	...	...
...	58·046	+13·612	− 2	...	...
†	58·125	−39·747	− 4	...	...
...	+58·290	− 2·573	− 5	*m*	...
...	58·670	+ 7·894	− 5	...	...
*	58·937	−23·068	1·20	46.5005	10·0
...	59·021	−28·880	− 4	...	...
*	59·146	− 9·093	1·00	46.5006	10·2
991–995					
991	′	′		°	
...	+59·223	+ 5·208	− 3	...	...
...	59·278	+17·198	0·65	...	...
...	59·352	+44·699	− 5	...	...
...	59·477	+58·893	1·60	44.5268	9·9
†	59·705	+15·226	− 4	...	...

	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1–20					
1	′	′		°	
...	−59·907	+54·594	− 3	44.5252	10·4
...	59·561	+35·599	0·70	45.5079	10·3
...	59·469	+ 4·378	0·80	45.5078	10·0
...	59·447	− 3·930	− 5	...	...
*	59·356	+29·075	1·60	45.5080	9·0
*	−59·266	−55·199	1·80	46.4980	9·0
...	58·755	−55·932	− 4	46.4981	10·4
...	58·703	+48·375	− 4	45.5083	10·4
...	58·334	+ 4·987	0·75	45.5081	10·0
...	58·310	−10·237	− 3	E	...
11					
...	−58·243	−41·624	0·80	46.4982	10·2
...	58·193	− 3·511	0·80	45.5082	10·0
...	57·556	−12·918	− 4	...	...
*	57·077	+ 6·588	0·85	45.5084	10·0
...	56·784	+51·085	− 3	45.5086	10·4
...	−56·699	+ 0·814	0·80	45.5085	10·0
...	56·638	+15·252	− 5	...	...
...	56·342	+ 6·761	− 5	...	...
...	56·098	− 9·836	− 2	46.4984	10·4
...	56·054	−27·810	− 5	...	...
21–40					
21	′	′		° F	
...	−56·028	− 0·090	− 5		...
...	55·551	−32·399	− 2	46.4985	10·4
...	55·377	+50·780	− 2	45.5087	10·3
...	55·194	−25·098	− 4	...	...
‡	54·895	−50·839	1·40	46.4987	9·1
†	−54·863	−37·567	− 3	46.4988	10·4
...	54·804	−20·755	− 4	...	...
...	54·610	− 9·279	0·65	46.4991	10·0
...	54·609	+58·298	− 2	44.5256	10·3
*	54·592	−15·372	1·70	46.4990	9·0
31					
...	−54·263	−46·356	− 4	46.4989	10·4
...	54·184	+18·133	0·70	45.5088	10·3
...	54·184	−15·142	− 5	E	...
...	54·178	−16·718	− 3	46.4993	10·4
...	54·120	− 3·896	− 2	...	...
*	−53·963	+10·076	1·15	45.5089	9·2
...	53·815	−50·702	− 1	46.4992	10·3
...	53·444	+21·374	− 4	...	...
...	53·416	+10·388	− 4	45.5090	10·4
...	53·028	+28·465	− 5	...	...
41–60					
41	′	′		°	
...	−52·932	+30·250	− 2	45.5093	10·4
...	52·925	+ 8·392	− 2	45.5092	10·4
...	52·852	+13·179	− 5	...	...
...	52·823	−14·906	− 5	...	...
*	52·804	− 4·588	1·80	45.5091	8·4
...	−52·432	+18·344	− 1	45.5094	10·4
...	51·958	−25·623	− 2	46.4995	10·3
...	51·777	+42·416	0·65	45.5096	10·3
...	51·759	+17·431	− 5	...	...
...	51·757	+11·071	0·80	45.5095	10·0
51					
...	−51·620	+37·255	− 4	...	...
*	51·599	−56·966	2·30	46.4994	8·6
*	51·368	+29·839	1·30	45.5097	9·4
...	51·350	−53·478	− 3	46.4996	10·4
...	51·189	+12·375	0·75	45.5098	10·0
...	−51·141	+32·610	0·70	45.5099	10·2
‡	50·611	+15·208	0·95	45.5100	9·7
...	50·516	−26·154	− 2	46.4997	10·4
...	50·476	+56·830	0·90	44.5259	9·9
...	50·262	−22·241	0·65	46.4998	10·3

ES measured from 1, 129, 233, 357, 474, 564.
MC ,, ,, 62, 188, 295, 413, 524, 604.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
61–120					
61					
...	−50·076	−21·851	0·65	46.4999	10·2
...	49·548	+33·926	− 4	...	...
...	49·449	+ 7·382	0·80	45.5101	10·0
...	49·359	−36·864	− 5	E	...
...	49·262	+59·170	− 4	44.5261	10·4
...	−48·641	+31·719	− 5	...	...
...	48·524	− 7·082	− 4	...	...
*	48·186	+16·329	1·60	45.5102	8·6
*	48·179	+57·922	1·10	44.5264	9·7
*	48·157	+32·441	1·40	45.5103	8·8
71					
...	−48·052	−42·098	0·65	46.5000	10·2
...	47·888	−31·777	− 4	...	...
...	47·756	+20·611	− 3	45.5104	10·4
...	47·753	− 5·766	− 4	...	...
*	47·717	+31·162	1·10	45.5105	9·1
...	−47·550	− 8·101	− 2	...	...
...	47·389	−22·170	− 3	...	...
...	47·239	−16·480	0·65	46.5002	10·3
...	47·061	−15·466	0·65	46.5004	10·4
...	46·982	−12·644	− 3	...	...
81					
...	−46·883	−43·098	0·75	46.5003	10·0
...	46·631	+13·782	− 3	...	...
...	46·601	+59·075	0·95	44.5268	9·9
...	46·206	−13·086	− 5	...	...
...	45·885	−34·994	− 4	...	...
...	−45·605	+53·234	− 4	44.5270	10·4
...	45·491	+17·408	− 3	...	...
...	45·312	+47·746	0·80	45.5106	10·2
...	45·166	+ 5·413	− 4	...	...
†	45·013	+15·444	− 5	...	...
91					
...	−44·888	+31·728	− 4	...	...
...	44·804	− 8·871	0·65	46.5006	10·2
...	44·575	−22·844	0·70	46.5005	10·0
...	44·298	−28·650	− 4	...	...
S *	44·114	− 4·165	2·90	45.5107	7·9
...	−43·978	+18·309	− 5	...	...
...	43·913	−15·956	0·65	46.5007	10·0
...	43·747	+59·856	0·85	44.5274	9·9
...	43·713	+ 1·789	− 4	...	...
...	43·624	−27·360	− 4	...	...
101					
...	−43·561	+33·989	− 2	45.5109	10·4
...	43·457	−31·219	− 3	46.5008	10·4
...	43·431	−15·306	− 3	...	...
...	43·419	+ 0·454	0·70	45.5108	10·2
...	43·316	−29·597	0·65	46.5009	10·0
...	−43·288	+35·824	− 5	...	...
...	43·012	− 5·011	− 3	45.5110	10·4
*	42·916	−15·059	0·90	46.5011	9·8
...	42·788	+ 8·246	− 3	...	...
*	42·764	−59·499	1·10	46.5010	9·5
111					
...	−42·729	− 3·902	− 5	...	...
...	42·560	−29·610	− 5	...	...
...	42·506	+49·894	− 3	45.5112	10·4
...	42·455	− 6·809	− 2	45.5111	10·4
...	41·857	−13·650	− 3	...	...
...	−41·556	+59·479	− 3	44.5276	10·4
†	41·551	+10·159	0·65	45.5113	10·0
...	41·395	−25·645	− 3	...	...
...	41·340	−29·928	− 4	...	...
...	41·205	−33·283	0·90	46.5012	9·9
121–180					
121					
...	−41·190	+15·655	− 5	...	...
...	41·076	+37·414	− 3	45.5114	10·4
...	40·947	−20·489	− 5	...	...
*	40·748	+11·550	0·90	45.5115	9·8
...	40·593	+ 7·261	0·65	45.5116	10·4
*	−40·525	−21·036	1·00	46.5013	9·5
*	40·171	− 8·348	0·90	46.5014	9·8
*	40·147	+16·013	0·90	45.5117	9·8
...	39·872	+ 3·709	− 5	...	...
...	39·673	+16·284	− 2	45.5118	10·4
131					
...	−39·521	+17·642	− 2	45.5119	10·4
...	39·468	−51·536	− 1	46.5015	10·3
...	39·394	+54·207	− 3	44.5278	10·4
...	39·300	+35·596	− 5	...	...
...	39·241	−14·345	− 1	46.5017	10·2
...	−39·208	− 9·419	− 3	46.5018	10·4
...	39·089	−49·180	− 2	46.5016	10·3
...	38·695	+11·890	− 2	...	...
...	38·415	+17·992	− 3	...	...
S *	38·326	+42·492	1·70	45.5120	8·7
141					
...	−38·265	−27·261	− 5	...	...
...	38·236	+48·739	− 4	...	...
...	37·103	−14·889	− 2	...	...
...	36·635	−29·627	− 5	...	...
...	36·593	− 7·742	− 3	...	...
...	−36·542	+ 4·529	− 2	45.5121	10·4
...	36·391	− 9·611	− 3	...	...
*	36·281	− 8·647	0·85	46.5019	9·8
...	36·060	−13·077	− 4	...	...
...	36·059	+ 5·512	− 2	...	...
151					
...	−35·760	+ 6·988	− 5	...	...
...	35·729	−17·326	0·65	46.5020	10·2
...	35·697	+53·117	− 3	44.5282	10·4
*	35·631	+21·212	0·90	45.5122	9·9
...	35·338	−42·332	− 3	...	...
...	−35·193	−13·238	− 5	...	...
...	34·788	+25·163	− 5	...	...
*	34·767	− 2·873	0·90	45.5123	9·8
...	34·750	−56·967	− 5	...	...
...	34·614	− 0·062	− 4	F	...
161					
...	−34·598	−56·131	0·65	46.5021	10·4
...	34·501	+ 1·096	0·70	45.5124	10·0
...	34·499	−42·676	− 4	...	...
...	34·136	−28·910	− 5	...	...
...	34·120	−32·505	− 4	...	...
...	−33·681	+11·682	− 4	...	...
...	33·340	−42·022	− 5	...	...
...	33·227	+12·551	− 3	...	...
...	33·187	−44·251	− 3	46.5022	10·4
...	32·851	+49·882	0·80	45.5125	10·0
171					
...	−32·608	−18·459	− 2	46.5023	10·4
...	31·934	−25·331	− 5	A	...
...	31·819	+37·399	− 4	...	...
...	31·742	+11·706	− 5	...	...
...	31·581	−58·295	− 2	46.5024	10·4
...	−31·534	−17·291	− 2	46.5025	10·4
...	31·432	+59·116	0·90	44.5291	9·9
...	31·283	− 0·084	− 4	α	...
...	31·274	+14·855	− 5	...	...
...	30·767	− 0·308	− 5	α	...
181–240					
181					
...	−30·689	−51·857	− 5	46.5026	10·4
...	30·607	−12·614	0·85	46.5027	9·9
...	30·495	+34·295	− 5	...	...
...	30·400	−32·809	− 5	...	...
...	30·254	−20·892	− 3	...	...
...	−30·165	+54·781	0·90	44.5293	10·0
†	30·028	−48·859	− 3	...	...
...	29·795	+32·994	− 5	...	...
...	29·392	−36·557	− 4	...	...
...	29·194	−16·350	− 3	46.5028	10·4
191					
...	−28·976	+41·648	− 4	...	...
...	28·883	−48·137	0·65	46.5029	10·3
...	28·633	−54·889	− 5	A	...
...	28·388	− 7·412	− 4	...	...
...	28·275	+24·572	0·65	45.5126	10·0
...	−28·246	−17·886	0·65	46.5031	10·0
...	27·931	−21·180	− 4	...	...
...	27·725	− 0·621	− 4	...	...
*	27·606	+59·069	1·00	44.5295	9·6
...	27·457	+24·878	− 5	...	...
201					
...	−27·372	+47·930	− 5	...	...
*	27·256	+ 5·705	1·30	45.5127	9·3
...	27·101	−34·402	− 4	...	...
...	26·248	+27·399	− 2	45.5128	10·4
*	26·060	−31·226	1·00	46.5033	9·3
...	−26·030	−32·082	0·80	46.5032	9·9
...	25·854	−23·449	− 4	...	...
...	25·779	+11·325	− 1	45.5129	10·4
...	25·618	− 9·787	− 1	46.5034	10·2
...	25·233	+37·453	− 4	...	...
211					
*	−24·567	+ 8·158	1·00	45.5130	9·4
...	24·442	+27·610	− 1	45.5131	10·4
...	24·280	−45·889	0·85	46.5035	10·0
...	24·073	−30·705	− 2	...	...
...	24·030	+57·189	− 5	...	...
...	−23·730	+ 7·180	− 4	...	...
...	23·609	−10·249	0·80	46.5036	9·8
...	23·525	−17·076	− 4	...	...
...	23·444	+15·910	− 4	...	...
*	23·397	−22·447	0·90	46.5037	9·7
221					
...	−23·379	+44·447	− 3	...	...
...	23·276	+35·925	0·70	45.5132	10·2
...	22·970	−57·495	0·95	46.5038	9·8
...	22·962	+31·680	− 5	...	...
...	22·308	+16·484	− 1	45.5133	10·2
...	−21·883	+38·813	− 5	...	...
...	21·016	+45·488	− 5	...	...
...	20·963	+16·368	− 1	45.5134	10·2
†	20·847	+20·235	− 3	45.5135	10·4
...	20·425	−26·258	− 4	...	...
231					
...	−20·376	+52·875	0·65	44.5302	10·4
†	20·138	+44·520	− 3	45.5136	10·4
*	19·937	+12·995	0·95	45.5137	9·7
...	19·817	−42·152	− 2	46.5040	10·2
S *	19·750	−45·585	1·05	46.5041	9·2
...	−19·224	+13·684	− 5	...	...
...	19·183	−17·135	− 5	...	...
...	19·143	+27·971	0·70	45.5138	10·0
...	19·127	−44·707	0·65	46.5042	10·0
*	18·979	−13·199	0·80	46.5043	9·9

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−4.	No.	Mag.
241–300					
241	′	′		°	
...	−18·857	+56·959	− 5	...	...
...	18·675	−36·377	0·65	46.5044	10·2
*	18·629	+55·269	0·95	44.5307	9·8
...	18·339	+53·453	− 4	44.5308	10·4
...	18·254	−49·037	0·65	46.5046	10·0
...	−18·241	−56·018	0·80	46.5045	10·0
...	18·191	−10·958	− 3	...	...
...	17·988	+26·262	− 5	...	...
...	17·845	−10·842	− 5	...	...
...	17·487	+16·839	− 4	...	...
251					
*	−17·475	+29·585	1·20	45.5139	9·1
*	17·202	+ 7·846	1·15	45.5140	9·3
...	16·833	−25·791	0·80	46.5047	9·9
S*	16·818	−12·072	0·90	46.5048	9·7
...	16·736	+35·758	− 3	45.5141	10·4
...	−16·501	+28·605	− 2	45.5142	10·3
...	16·421	+40·449	− 4	...	...
...	16·376	+ 3·607	− 5	...	...
*	15·954	+46·333	1·00	45.5143	9·4
...	15·913	−52·633	0·80	46.5049	10·0
261					
...	−15·777	−40·550	− 3	46.5050	10·4
...	15·634	−40·595	− 5	...	...
*	15·620	+11·966	0·95	45.5144	9·5
...	15·577	−25·628	− 2	...	...
*	15·456	−23·549	0·85	46.5051	9·8
...	−14·756	−54·674	0·75	46.5052	9·9
*	14·720	−56·006	1·00	46.5053	9·5
*	14·287	−25·818	1·05	46.5054	9·4
...	14·182	−47·773	0·80	46.5055	9·9
...	14·097	−20·246	− 4	...	...
271					
...	−13·999	+50·023	− 2	45.5145	10·4
*	13·974	−56·414	1·05	46.5056	9·5
...	13·939	−25·000	0·75	46.5057	9·8
...	13·867	− 4·098	− 5	...	...
...	13·783	−45·749	− 3	...	...
...	−13·501	−43·203	− 4	...	...
...	12·828	−57·826	− 5	...	...
...	12·789	−52·377	0·75	46.5058	10·0
...	12·767	+53·552	− 3	44.5313	10·4
...	12·651	+19·233	− 4	...	...
281					
...	−12·650	−31·434	− 3	46.5059	10·4
*	12·250	−37·119	1·20	46.5060	9·4
S ‡	12·090	+ 5·206	2·30	45.5146	8·2
...	11·916	+18·030	− 5	...	...
...	11·729	+13·459	− 4	...	...
...	−11·611	−31·213	− 5	...	...
...	11·594	+34·300	− 5	...	...
...	11·548	−59·317	− 2	46.5061	10·4
...	11·232	− 5·702	0·80	45.5147	9·9
...	11·154	+45·696	0·65	45.5148	10·2
291					
...	−11·041	+56·364	0·65	44.5315	10·3
...	10·637	+11·681	0·65	45.5149	10·0
...	10·417	+15·784	− 5	...	...
...	10·260	−31·628	− 5	...	...
...	9·993	+31·502	− 4	...	...
...	− 9·978	+ 9·180	− 5	B	...
...	9·974	+ 9·372	− 5	A	...
...	9·444	−15·016	− 4	...	...
...	9·311	+23·422	− 4	...	...
*	9·086	+12·227	0·85	45.5150	9·9

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−4.	No.	Mag.
301–360					
301	′	′		°	
...	− 9·027	+18·224	− 5	...	...
...	8·699	+37·804	− 5	...	...
...	8·655	+ 4·646	− 5	M	...
†	8·604	−44·596	0·90	46.5062	9·8
*	8·518	−32·375	0·95	46.5063	9·7
...	− 8·039	−37·942	− 4	*m*	...
...	8·022	−36·023	0·65	46.5064	10·2
...	7·975	−44·721	− 1	46.5065	10·0
...	7·800	−35·643	− 2	46.5066	10·3
...	7·648	+ 2·296	− 4	...	...
311					
...	− 7·140	−19·436	− 4	*m*	...
...	6·829	+38·770	− 5	...	...
...	6·512	−11·222	− 5	*m*	...
*	6·377	+32·557	1·00	45.5151	9·8
...	5·726	+25·306	− 2	45.5152	10·4
...	− 5·281	− 5·825	− 5	A *m*	...
...	5·238	− 0·832	− 5	*m*	...
...	5·191	+22·814	− 4	...	...
*	5·123	−43·264	0·95	46.5068	9·6
...	5·074	+48·517	0·65	45.5154	10·0
321					
...	− 5·052	+24·654	− 4	45.5153	10·4
...	4·946	−51·799	− 3	...	...
...	4·865	+ 5·010	− 3	...	...
...	4·821	−26·796	− 4	*m*	...
...	4·771	−56·108	− 4	...	...
...	− 4·658	−23·144	0·75	46.5069	10·0
...	4·577	−40·836	0·80	46.5070	9·9
...	4·324	+40·260	− 4	...	...
...	4·277	+ 4·379	− 2	45.5156	10·3
...	4·233	−12·635	− 4	*m*	...
331					
...	− 4·229	+26·047	− 4	45.5155	10·4
...	4·213	−25·388	0·65	46.5071	10·2
*	3·674	+47·919	1·40	45.5157	9·0
...	3·654	− 0·114	− 5	*m*	...
...	3·586	+56·989	− 5	...	...
...	− 3·399	−28·994	− 4	*m*	...
...	3·293	−44·186	0·70	46.5072	10·2
*	3·090	+51·636	0·90	45.5158	9·8
...	3.036	+25·254	− 4	...	...
...	2·773	+40·379	− 1	45.5159	10·0
341					
...	− 2·197	+38·916	− 5	...	...
...	2·188	− 2·474	− 5	A *m*	...
*	2·122	+28·960	1·60	45.5160	8·8
...	2·027	−53·482	− 1	46.5073	10·2
...	1·758	− 5·377	− 3	45.5161	10·3
...	− 1·756	−31·161	− 5	*m*	...
...	1·576	− 3·681	− 5	*m*	...
...	1·571	−44·672	− 2	46.5074	10·2
...	1·409	−21·216	− 4	*m*	...
...	1·408	+54·549	− 5	...	...
351					
...	− 1·363	−38·259	− 2	46.5075	10·4
...	1·101	−12·067	− 3	...	...
...	0·878	+34·881	− 3	45.5162	10·4
...	0·760	−49·741	− 4	...	...
...	0·330	− 1·694	− 4	*m*	...
...	− 0·309	−24·572	0·65	46.5077	10·3
†	+ 0·412	+45·025	− 3	45.5163	10·4
...	0·812	+35·125	− 1	45.5164	10·2
...	0·835	+ 0·876	− 5	A *m*	...
...	0·879	−33·425	− 4	46.5078	10·4

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−4.	No.	Mag.
361–420					
361	′	′		°	
...	+ 1·171	+12·210	0·75	45.5165	10·0
...	1·183	−42·321	− 1	46.5079	10·3
...	1·297	+34·700	− 4	...	...
...	1·528	−44·384	− 1	46.5080	10·3
S*	1·832	+26·428	2·70	45.5166	7·9
...	+ 1·889	+50·757	− 4	...	...
...	2·054	−51·648	0·65	46.5081	10·3
*	2·164	+25·685	0·85	45.5167	9·6
...	2·243	−12·873	0·80	46.5082	10·0
*	2·276	−25·183	0·90	46.5083	9·7
371					
...	+ 2·293	−43·893	0·65	46.5084	10·3
*	2·341	+32·193	1·70	45.5168	8·7
*	2·767	+ 7·826	1·25	45.5169	9·3
...	3·018	−57·161	− 5	*m*	...
...	3·225	+37·961	− 3	45.5171	10·4
...	+ 3·236	+49·461	− 3	45.5170	10·4
*	3·447	+23·873	1·20	45.5172	9·2
...	4·039	+36·126	− 3	45.5173	10·4
...	4·041	+43·404	− 4	45.5174	10·4
*	4·178	+16·339	0·85	45.5175	9·8
381					
...	+4·604	−37·578	− 5	...	...
†	4·824	+30·271	− 1	45.5176	9·9
†	4·871	+44·102	− 4	...	...
...	5·236	+19·091	− 5	...	...
...	5·331	− 9·256	0·90	46.5086	9·7
...	+ 5·368	+ 7·761	− 2	45.5177	10·4
...	5·481	−43·317	− 4	...	...
*	5·559	−58·685	1·00	46.5088	9·8
M	5·703	+ 0·443	0·70	45.5178	10·2
...	6·097	−34·816	− 2	46.5089	10·3
391					
...	+ 6·184	−23·106	− 2	46.5090	10·2
...	6·511	− 2·203	− 5	A *m*	...
...	6·513	−26·922	− 3	46.5091	10·4
...	6·520	+42·256	0·70	45.5179	10·0
...	6·610	+13·014	− 5	...	...
...	+ 6·722	+ 2·754	− 3	45.5180	10·4
...	6·724	−10·359	− 4	46.5092	10·4
...	6·859	+ 4·474	− 5	M	...
...	6·959	−30·612	− 2	46.5093	10·4
...	7·072	−57·476	− 4	...	...
401					
...	+ 7·201	+58·357	− 5	...	...
...	7·293	−58·451	− 4	...	...
...	7·490	−35·881	− 5	*m*	...
...	7·609	−36·953	− 5	*m*	...
...	7·671	−46·465	− 3	46.5094	10·4
...	+ 8·354	+46·236	− 5	...	...
...	8·590	+27·555	0·85	45.5181	9·9
...	8·596	−46·916	− 4	...	...
...	8·619	− 6·567	− 5	*m*	...
...	8·672	− 5·765	− 5	*m*	...
411					
...	+ 8·780	+35·712	0·80	45.5182	9·9
S*	9·732	−21·209	2·00	46.5096	8·3
†	9·806	+54·666	− 1	44.5328	10·2
...	9·894	+37·769	− 1	45.5183	10·2
...	10·219	− 0·608	− 4	*a*	...
...	+10·287	+21·742	− 4	...	...
...	10·716	+48·762	− 4	...	...
‡	10·859	+25·151	1·00	45.5184	9·3
...	10·956	− 0·394	1·00	45.5185	9·5
...	11·040	−14·168	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
421–480					
421					
...	+11·109	−36·097	− 5	*m*	...
*	11·277	−52·610	1·00	46·5097	9·6
*	11·476	+16·098	0·95	45·5186	9·8
...	11·605	+40·251	− 4	...	...
...	11·766	+24·826	− 1	45·5187	10·2
...	+12·069	+25·407	− 2	...	...
...	12·204	−38·552	− 5	*m*	...
*	12·370	−31·490	0·90	46·5099	9·8
...	12·404	+18·537	− 4	...	...
SN* [	12·624	−54·138	3·20	46·5100	7·7
431					
...	+12·753	+31·833	− 5	...	...
...	12·834	−33·030	− 4	...	...
...	12·839	+46·618	− 5	...	...
...	13·058	+17·538	− 5	...	...
...	13·323	−13·962	0·80	46·5101	10·0
...	+13·517	−15·543	− 4	...	...
...	13·558	+11·946	0·80	45·5188	9·8
...	14·014	−27·965	− 3	46·5102	10·3
...	14·120	+50·658	0·80	45·5189	10·2
...	14·140	−34·427	− 2	46·5103	10·3
441					
...	+14·226	+28·396	0·65	45·5190	10·3
...	14·272	− 6·920	− 3	45·5191	10·4
...	14·386	− 2·441	− 5	*m*	...
...	14·457	+12·184	− 5	...	...
...	14·525	−49·779	− 3	...	...
...	+14·585	−22·174	− 3	46·5104	10·3
†	14·807	+44·968	− 4	...	...
...	14·967	+29·711	− 3	45·5192	10·4
...	15·176	−23·437	− 2	46·5105	10·4
...	15·291	+34·482	− 4	45·5193	10·4
451					
...	+15·320	+24·272	− 4	...	...
...	15·490	+ 8·729	− 5	...	...
*	15·776	+30·999	0·90	45·5194	9·8
*	16·111	+23·196	1·80	45·5195	8·4
...	16·152	− 1·925	− 5	*a*	...
...	+16·193	− 1·791	− 1	45·5196	10·0
...	16·244	+ 3·990	0·90	45·5197	9·8
...	16·578	− 7·553	− 2	45·5198	10·3
...	16·596	+18·050	− 5	...	...
...	17·047	+40·495	0·75	45·5199	10·0
461					
...	+17·199	− 3·252	− 2	45·5200	10·4
...	17·370	+ 0·366	− 2	45·5201	10·0
*	17·607	−17·567	1·50	46·5107	8·8
...	17·796	−55·916	− 3	46·5109	10·4
...	17·862	−51·971	0·75	46·5108	10·0
N [	+18·104	−19·956	− 2	46·5110	9·7
N [	18·139	−19·944	0·75		
*	18·177	+ 1·703	1·00	45·5203	9·4
*	18·215	+23·861	0·95	45·5202	9·8
...	18·858	+27·845	0·75	45·5204	10·0
471					
...	+19·276	−47·636	− 1	46·5111	10·2
...	19·648	−56·328	− 3	...	...
...	19·686	+40·740	− 4	...	...
*	20·157	−31·509	1·10	46·5112	9·4
...	20·253	−17·465	0·75	46·5113	9·8
...	+20·345	+54·905	− 4	44·5338	10·4
...	21·003	+ 6·068	− 5	...	...
...	21·136	+25·607	− 2	45·5205	10·4
...	21·516	−15·790	− 2	46·5114	10·0
...	21·697	−11·850	− 4	46·5115	10·4
481–540					
481					
...	+ 21·955	+17·430	0·70	45·5206	10·0
...	21·969	−57·392	0·85	46.5116	9·9
...	22·051	−35·008	− 5	*m*	...
...	22·211	−35·512	− 5	*m*	...
...	22·285	− 3·403	− 5	*m*	...
*	+22·298	+42·379	1·20	45.5207	9·2
...	22·314	+15·734	0·75	45.5208	10·0
...	22·626	+29·727	− 2	45.5209	10·4
...	22·828	−20·573	− 4	...	...
*	23·212	−49·079	1·80	46.5118	8·7
491					
...	+23·405	+30·567	− 5	...	...
...	23·566	−44·971	− 4	...	...
...	23·700	−23·493	− 2	46.5119	10·4
...	24·034	+34·937	− 4	...	...
...	24·395	+16·595	− 3	...	...
...	+24·507	−37·950	− 5	...	...
...	24·573	+22·075	− 5	...	...
N [	24·621	−32·391	0·95	46.5120	9·8
N [	24·643	−32·422	− 4		
†	24·811	+22·192	− 2	45.5210	10·0
501					
†	+24·826	−50·004	− 2	46.5121	10·2
...	25·064	+47·014	− 3	45.5211	10·3
*	25·303	−45·400	1·05	46.5122	9·3
...	25·426	− 5·453	0·70	45.5212	9·8
...	25·539	+25·799	− 5	...	...
*	+25·897	−37·083	1·35	46·5123	9·1
...	25·931	+23·569	− 2	45.5213	10·2
...	25·990	−18·589	− 5	*m*	...
...	26·799	−43·086	− 5	*m*	...
...	27·034	−50·804	0·70	46.5124	10·2
511					
...	+27·188	+12·426	0·75	45.5214	9·9
S *	27·811	+14·637	1·15	45.5215	9·1
...	28·247	−51·207	− 2	...	...
...	28·386	+28·101	0·85	45.5216	10·0
...	28·488	−10·202	− 5	...	...
...	+28·587	−17·337	− 3	46.5126	10·4
...	28·735	−47·968	0·75	46.5128	10·0
*	28·989	+39·442	0·85	45.5217	9·8
...	29·017	+38·540	− 4	...	...
...	29·099	+24·509	− 5	...	...
521					
...	+29·572	−24·828	− 4	...	...
...	29·608	+30·151	− 5	...	...
...	29·687	−38·658	− 5	*m*	...
...	29·848	+35·737	− 4	...	...
...	29·980	−27·806	− 2	46.5129	10·3
...	+30·205	+ 6·568	0·85	45.5218	10·0
...	30·934	+46·928	− 4	...	...
...	31·382	+ 8·104	− 1	45.5219	10·2
...	31·432	+37·266	− 4	...	...
...	31·686	+10·075	− 3	...	...
531					
...	+31·917	+ 7·483	− 1	45.5221	10·2
S *	31·974	+41·690	1·90	45.5220	8·5
...	32·389	−12·478	− 4	*a*	...
...	32·425	−14·216	− 4	...	...
...	32·475	+ 4·475	0·80	45.5222	9·8
...	+32·491	+ 4·604	− 4	...	...
...	32·563	+14·443	− 4	...	...
...	33·288	−41·624	− 4	*a*	...
...	33·421	+49·210	− 5	...	...
...	33·677	+41·389	− 4	...	...
541–600					
541					
...	+33·725	+23·962	− 4	...	...
...	33·848	−24·746	− 2	...	...
*	33·964	−18·764	0·90	46.5130	9·7
...	33·968	+ 2·612	− 2	45.5223	10·3
*	34·150	+12·685	0·95	45.5224	9·6
...	+34·291	−38·032	− 4	*b*	...
...	35·194	+56·511	− 3	...	...
*	35·383	−21·644	0·80	46.5132	9·8
...	35·461	−26·865	− 4	*a*	...
...	36·297	+33·995	− 4	...	...
551					
*	+36·528	−39·193	1·10	46.5133	9·3
*	36·799	−17·108	0·80	46.5134	9·8
...	37·000	+38·540	− 3	...	...
...	37·151	+11·293	− 5	...	...
...	37·692	−26·149	− 4	...	...
*	+38·433	+ 4·509	0·95	45.5225	9·8
‡	38·961	−24·603	1·20	46.5136	9·1
...	38·990	−17·546	0·70	46.5135	10·0
...	39·096	− 6·292	− 4	...	...
*	39·136	+20·560	0·90	45.5226	9·8
561					
...	+39·162	+47·321	− 4	...	...
...	39·179	+55·058	− 5	...	...
...	39·587	− 4·168	− 4	...	...
...	39·912	+11·094	− 5	...	...
...	40·087	+34·411	− 4	...	...
...	+40·251	−22·381	− 5	*m*	...
...	40·506	+25·749	− 5	...	...
...	41·291	+59·983	− 4	44.5356	10·3
...	41·464	−27·659	− 4	...	...
...	41·547	+59·480	− 5	44.5357	10·4
571					
...	+41·643	+51·200	− 5	45.5227	10·2
...	41·856	−16·509	− 4	...	...
...	41·904	− 5·752	− 4	45.5228	10·4
n	42·184	+ 9·780	− 3	45.5229	10·3
...	42·215	+11·235	− 5	...	...
n	+42·310	+ 9·777	− 3	45.5229	10·3
...	42·691	+16·809	− 1	45.5230	10·4
...	42·841	+36·889	− 4	...	...
...	43·248	− 8·396	− 5	...	...
...	43·525	−26·040	− 4	...	...
581					
...	+44·246	− 2·821	− 3	45.5231	10·4
...	44·590	−21·339	− 3	46.5138	10·4
...	44·656	−30·389	− 5	*m*	...
†	44·703	−59·466	0·65	46.5140	10·0
†	44·734	−29·367	− 4	...	...
...	+45·057	−21·631	− 5	...	...
S *	45·437	−12·762	1·05	46.5139	9·1
*	45·549	+22·804	1·20	45.5232	9·4
...	45·622	−52·791	− 3	46.5141	10·4
...	46·160	− 6·371	− 4	...	...
591					
...	+46·171	+21·978	− 1	45.5233	10·2
...	46·247	−48·045	− 5	*m*	...
...	46·403	− 9·940	− 4	...	...
*	46·793	− 6·099	1·09	45.5234	9·5
*	46·835	− 2·333	1·00	45.5235	9·8
...	+47·077	−32·373	− 5	...	...
...	47·112	+36·804	− 5	...	...
†	47·155	+ 5·330	− 4	45.5236	10·4
...	47·842	+ 8·300	− 2	45.5238	10·3
...	47·851	− 6·133	− 5	*m*	...

430. Mass.
466, 467. 47°·67, mass.
498, 499. 47°·67, mass.
574, 576. C.P.D., mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
601–620					
601					
*	+48′·180	+34′·622	0·90	45°·5237	9·9
‡	48·272	−59·485	1·40	46.5142	9·4
...	48·353	+ 5·672	− 3	45.5239	10·4
...	49·984	−39·754	− 5	*m*	...
...	50·729	+12·010	− 4	...	...
...	+50·764	+41·971	− 3	45.5240	10·4
...	51·103	−56·403	0·75	46.5143	10·2
...	51·204	−57·585	− 4	46.5144	10·4
...	51·767	+20·182	− 3	45.5241	10·4
...	52·321	+36·619	0·70	45.5242	10·2
611					
...	+52·617	+18·541	− 5	...	...
...	52·883	+39·418	− 4	...	...
*	53·406	+21·411	1·00	45.5243	9·7
...	53·730	+18·561	0·65	45.5244	10·2
...	54·090	+ 4·215	− 2	45.5245	10·3
...	+54·162	−16·962	− 1	46.5146	10·2
na	54·176	− 8·152	− 5	45.5247	10·4
n	54·196	− 8·366	− 3		
...	54·290	+ 4·034	− 5	...	...
...	54·510	−56·150	− 4	46.5147	10·4
621–640					
621					
...	+54′·627	+11′·836	0·65	45°·5248	10·2
†	54·769	−32·457	− 4	...	...
...	54·820	−13·481	− 5	*m*	...
...	55·005	+48·058	− 1	45.5246	10·0
...	55·351	−18·571	− 4	...	...
...	+55·364	− 7·451	− 4	*a*	...
...	55·395	−35·577	0·90	46.5148	9·6
...	55·562	−57·285	− 5	46.5149	10·4
...	55·809	+12·280	− 3	...	...
...	55·908	+27·196	− 4	...	...
631					
...	+56·102	−36·386	0·80	46.5150	9·9
...	56·216	−36·877	− 4	...	...
...	56·426	− 4·742	− 4	...	...
...	56·874	+37·851	− 3	45.5249	10·4
...	57·065	+13·824	− 3	...	...
...	+57·076	−20·440	− 5	*m*	...
...	57·090	+ 0·915	− 3	...	...
...	57·300	+24·114	− 5	...	...
...	57·445	−57·382	− 2	46.5154	10·2
*	57·794	−28·072	0·95	46.5152	9·6
641–651					
641					
...	+58′·076	−13′·594	0·80	46°·5151	9·8
*	58·141	−10·539	1·10	46.5153	9·3
S *	58·160	−29·179	1·15	46.5155	9·1
...	58·399	−20·730	− 5	*m*	...
...	58·441	+56·752	− 4	44.5374	10·4
...	+58·468	+12·446	− 5	...	...
...	58·729	−12·323	− 2	46.5156	10·4
n	58·835	−42·331	− 4	46.5157	10·4
...	59·328	+20·190	− 3	45.5250	10·4
‡	59·574	+59·909	2·00	44.5376	8·6
651					
...	+59·633	− 9·040	− 4	...	...

617, 618. C.P.D., suspected double.
648. C.P.D., suspected double.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
1–30					
1					
*	−59′·386	+22′·599	1·40	45°·5232	9·4
...	58·958	−21·557	− 2	46.5138	10·4
...	58·752	+21·787	0·85	45.5233	10·2
S*	58·393	−12·965	1·80	46.5139	9·1
...	57·880	− 6·550	− 5	...	...
...	−57·655	−59·680	0·90	46.5140	10·0
...	57·527	−10·117	− 4	...	...
*	57·319	− 2·493	1·20	45.5235	9·8
...	57·246	+ 5·163	− 3	45.5236	10·4
*	57·245	− 6·246	1·30	45.5234	9·5
11					
*	−57·130	+34·491	1·00	45.5237	9·9
...	56·946	−52·980	− 3	46.5141	10·4
...	56·645	+ 8·160	− 2	45.5238	10·3
...	56·125	−32·515	− 4	...	...
...	56·061	+ 5·551	− 2	45.5239	10·4
...	−55·118	−32·337	− 4	...	...
...	54·784	+41·923	− 5	45.5240	10·4
*	54·090	−59·574	1·70	46.5142	9·4
...	53·884	+11·953	− 5	...	...
...	53·103	+20·171	− 4	45.5241	10·4
21					
...	−53·057	+36·606	0·80	45.5242	10·2
...	52·567	+39·441	− 5	...	...
*	51·490	+21·444	1·30	45.5243	9·7
...	51·358	−56·409	− 1	46.5143	10·2
...	51·204	−57·587	− 4	46.5144	10·4
...	−51·083	+18·615	0·70	45.5244	10·2
...	50·727	+48·121	− 1	45.5246	10·0
...	50·274	+ 4·277	− 1	45.5245	10·3
...	49·972	+11·902	0·75	45.5248	10·2
n	49·776	− 8·287	− 2	45.5247	10·4
31–60					
31					
...	−49′·542	−16′·871	0·65	46°·5146	10·2
...	49·185	+27·304	− 4	...	...
...	48·819	+12·401	− 4	...	...
...	48·733	−32·472	− 5	A	...
...	48·548	+37·992	− 3	45.5249	10·4
...	−48·456	−32·359	− 3	...	...
...	48·304	−18·474	− 4	...	...
...	47·940	−56·034	− 4	46.5147	10·4
*	47·716	−35·448	1·20	46.5148	9·6
...	47·597	+13·974	− 4	...	...
41					
...	−47·568	+56·929	− 3	44.5374	10·4
...	47·179	+ 1·069	− 3	...	...
...	46·987	−36·248	0·90	46.5150	9·9
...	46·857	−57·145	− 4	46.5149	10·4
*	45·756	−10·338	1·70	46.5153	9·3
...	−45·733	−13·401	0·90	46.5151	9·8
...	45·638	+43·456	− 2	45.5251	10·4
*	45·556	−27·874	1·00	46.5152	9·6
...	45·546	+20·415	− 3	45.5250	10·4
S*	45·155	−28·972	1·85	46.5155	9·1
51					
...	−45·118	−12·115	− 3	46.5156	10·4
...	44·982	−57·175	− 1	46.5154	10·2
...	44·788	+24·323	− 5	...	...
...	44·311	− 8·786	− 5	...	...
n	44·083	−42·086	− 4	46.5157	10·4
...	−43·083	+23·195	0·90	45.5253	9·9
*	43·072	+21·769	1·20	45.5252	9·8
...	42·756	+56·481	− 5	...	...
...	42·213	−10·655	− 4	...	...
...	42·158	− 2·444	− 5	...	...
61–90					
61					
...	−41′·843	+33′·553	− 3	45°·5254	10·4
...	41·730	− 2·533	− 4	...	...
*	41·211	+42·106	2·00	45.5255	8·5
...	40·848	−50·069	− 1	46.5160	10·0
...	40·748	− 3·860	− 4	...	...
...	−40·652	−19·228	0·90	46.5161	10·0
*	40·298	− 1·331	0·90	45.5256	10·0
...	40·158	+44·449	0·65	45.5257	10·2
S*	40·132	+57·298	2·90	44.5381	8·0
*	40·001	−46·514	1·20	46.5162	9·8
71					
...	−39·994	−42·462	0·90	46.5163	9·9
...	39·742	+13·798	− 3	...	...
...	39·604	−16·386	− 5	...	...
...	39·482	−12·477	− 4	...	...
...	39·439	−48·625	0·90	46.5164	10·0
...	−39·344	+ 1·023	− 4	45.5258	10·4
...	39·333	−19·170	− 4	...	...
...	39·151	+ 2·637	− 5	...	...
*	38·818	+ 3·626	1·70	45.5259	9·4
...	38·749	+31·718	− 4	...	...
81					
†	−38·744	+24·879	− 4	45.5260	10·4
...	38·705	+56·312	− 4	44.5385	10·3
...	38·655	−47·325	− 5	...	...
...	38·589	+ 1·370	− 5	...	...
...	38·540	−21·972	− 4	46.5166	10·4
...	−38·528	+26·236	− 5	...	...
...	38·379	−11·214	− 5	...	...
...	38·329	−50·298	0·90	46.5165	10·0
...	38·204	+ 0·608	− 3	45.5261	10·4
...	38·134	+14·758	− 4	...	...

MC measured from 1, 156, 292.
ES „ „ 72, 225, 350.

30. C.P.D., suspected double; fainter star not measurable on this plate.
55. C.P.D., suspected double.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
91–150					
91					
...	−37·637	−56·253	− 3	46·5167	10·4
...	37·424	+ 8·115	− 5	...	...
...	37·266	−36·213	− 1	46·5168	10·4
...	37·206	+33·632	0·75	45·5262	10·2
...	36·440	−18·705	− 5	...	...
...	−36·096	+48·908	0·90	45·5263	10·0
...	35·490	−36·038	0·70	46·5171	10·2
...	35·204	−56·947	− 4	...	...
...	35·124	+25·926	0·90	45·5264	10·0
*	34·765	+ 2·155	0·95	45·5265	10·0
101					
*	−34·756	−22·120	1·80	46·5173	9·0
...	34·548	+21·869	− 5	...	...
...	34·533	+51·336	0·70	45·5266	10·2
...	34·379	− 9·030	0·70	46·5174	10·3
*	34·291	+39·739	1·20	45·5267	9·8
...	−33·371	−32·527	0·95	46·5175	10·0
...	32·583	−29·125	− 4	46·5176	10·4
...	32·195	− 7·948	0·70	45·5268	10·3
...	32·041	−44·787	0·70	46·5178	10·2
...	31·999	+11·013	− 4	45·5269	10·4
111					
*	−31·903	−19·349	2·20	46·5179	9·0
*	31·628	−44·292	1·00	46·5180	10·0
*	31·292	−11·738	1·05	46·5181	9·8
...	31·136	+ 7·330	− 5	...	...
*	31·056	+ 1·039	1·05	45·5270	9·8
*	−30·754	+ 6·634	1·00	45·5271	9·8
...	30·660	−33·411	− 5	46·5182	10·4
...	30·641	−50·329	− 5	...	...
...	30·296	+35·559	− 3	45·5272	10·4
...	30·113	+ 4·889	− 2	45·5273	10·4
121					
*	−30·104	−53·305	1·00	46.5183	9·8
...	29·655	+ 1·528	− 4	...	...
...	29·608	−51·438	0·75	46.5184	10·2
...	29·534	+ 4·258	− 5	45.5274	10·4
...	29·512	−35·983	− 5	...	...
...	−29·373	+ 3·113	− 4	45.5275	10·4
...	29·253	+51·352	− 4	...	...
...	29·147	+41·432	− 1	45.5276	10·4
...	28·465	−12·962	0·95	46.5185	9·9
...	27·827	+43·406	0·90	45.5277	10·0
131					
...	−27·440	+48·941	− 5	...	...
...	27·186	−43·841	− 2	46.5186	10·4
*	27·079	−12·960	1·05	46.5187	9·7
†	27·062	+ 0·080	− 5	α	...
...	26·358	+ 0·482	− 4	...	...
...	−26·215	+49·281	0·75	45.5278	10·2
S*	25·585	+16·496	4·70	45.5279	7·0
...	25·436	+52·705	− 3	...	...
...	24·792	+30·651	− 4	45.5280	10·4
...	24·561	+52·319	0·90	44.5394	10·0
141					
...	−24·508	−59·278	− 3	46.5188	10·3
...	24·365	−37·955	− 5	...	...
...	23·403	+30·400	− 2	45.5281	10·3
...	23·111	+52·102	0·85	44.5397	10·2
*	23·108	−48·145	1·25	46.5190	9·3
...	−22·581	+ 4·152	− 3	45.5282	10·4
...	22·037	−55·837	− 3	46.5191	10·4
...	21·442	−33·204	− 5	...	...
...	20·827	+58·441	0·65	44.5399	10·2
S*	20·818	−25·443	3·30	46.5192	8·3

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
151–210					
151					
...	−20·723	−41·768	− 5	...	...
*	20·655	+10·159	1·15	45.5283	9·5
*	20·551	−46·865	1·00	46.5193	9·9
...	20·093	−53·799	0·80	46.5194	10·2
‡	20·012	+ 1·275	1·35	45.5284	9·5
*	−19·620	−10·735	1·00	46.5195	9·9
...	19·222	+40·070	− 3	45.5285	10·4
...	19·018	−10·245	− 3	46.5196	10·2
...	18·603	−31·849	− 5	...	...
*	18·276	+39·704	1·30	45.5286	9·5
161					
...	−18·094	−19·393	− 5	...	...
...	17·974	−55·433	− 2	46.5198	10·4
...	17·911	+55·006	− 4	44.5403	10·4
...	17·827	−21·730	− 4	...	...
...	17·145	− 1·031	− 1	45.5287	10·4
*	−16·811	−38·309	2·00	46.5199	9·0
...	16·753	+30·881	− 4	45.5288	10·4
...	15·879	−18·910	0·80	46.5202	10·0
*	15·857	−30·723	4·40	46.5201	7·5
...	15·488	−24·380	− 4	...	...
171					
...	−15·461	+15·310	− 5	...	...
*	14·670	+ 3·724	1·40	45.5289	9·4
...	14·264	+46·641	− 3	45.5290	10·4
...	13·683	+58·179	− 2	44.5407	10·3
...	13·619	−41·577	0·80	46.5204	10·0
*	−13·274	+23·274	1·30	45.5291	9·4
...	13·215	+25·851	0·80	45.5292	10·0
...	12·951	−20·845	0·85	46.5205	9·8
*	12·668	−32·473	1·00	46.5206	9·8
...	12·421	−55·866	− 5	...	...
181					
...	−12·384	+45·481	0·85	45.5293	9·9
...	12·135	+46·140	− 3	...	...
...	12·064	− 2·096	− 1	45.5294	10·2
...	12·041	−52·645	− 4	46.5207	10·4
...	11·077	+57·099	0·80	44.5410	10·0
...	−10·934	+14·421	− 4	45.5295	10·4
...	10·724	+ 7·924	− 4	...	...
...	10·550	+12·410	− 3	45.5296	10·3
...	10·228	+48·697	− 4	45.5297	10·4
*	9·782	+ 4·185	1·80	45.5298	9·2
191					
...	− 9·518	+ 1·582	− 2	45.5299	10·2
*	9·102	+54·000	1·20	44.5415	9·5
...	9·052	+19·871	− 4	...	...
	9·041	−38·491	0·90	46.5209	9·9
...	8·943	−59·352	− 2	46.5210	10·3
...	− 8·386	+ 8·535	− 1	45.5300	9·8
...	8·059	+39·684	− 2	45.5301	10·4
...	7·957	+38·546	− 5	...	...
...	7·676	−32·821	− 4	46.5211	10·4
*	6·724	−56·500	1·00	46.5212	9·8
201					
...	− 6·684	−55·419	0·80	46.5213	10·0
...	6·175	+ 2·562	− 4	45.5302	10·4
...	6·103	− 7·831	− 5	...	...
...	5·752	+10·883	− 2	45.5303	10·4
...	5·479	−38·250	− 2	46.5214	10·4
...	− 5·220	− 5·854	− 3	45.5304	10·4
...	4·928	+42·870	− 2	45.5305	10·4
...	4·753	−45·524	− 4	...	...
...	4·477	−22·441	− 5	...	...
...	4·309	+57·787	− 1	44.5419	10·2

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
211–270					
211					
...	− 4·012	− 5·136	− 4	45.5306	10·4
...	3·688	−20·618	− 4	46.5215	10·4
...	3·565	+17·253	− 2	45.5307	10·4
*	3·327	+29·352	1·60	45.5308	9·3
S*	3·221	+22·194	1·80	45.5309	9·3
...	− 2·592	+34·672	− 5	...	...
*	2·346	+55·604	0·95	44.5423	9·8
...	2·030	+37·458	− 4	...	...
...	1·940	−37·705	− 5	...	...
...	1·023	+58·704	0·85	44.5425	10·0
221					
...	− 0·699	+49·337	− 5	...	...
...	0·484	+47·868	− 5	...	...
n	− 0·263	+53·329	− 4	44.5426	10·2
†	+ 0·022	−33·180	− 2	46.5216	10·4
n	0·068	+53·325	0·85	44.5426	10·2
...	+ 0·264	−48·798	− 5	...	...
...	0·348	+54·571	− 5	...	...
...	1·544	+20·854	0·95	45.5310	9·8
...	2·026	+33·543	0·90	45.5311	9·9
...	2·064	+ 3·674	0·80	45.5312	10·2
231					
...	+ 2·109	+33·033	− 4	45.5313	10·4
...	2·191	−34·129	− 5	...	...
...	2·393	−41·984	− 4	...	...
...	2·444	+48·844	− 2	45.5314	10·4
...	2·482	− 7·696	− 5	45.5315	10·4
...	+ 3·355	−52·431	− 5	...	...
*	3·368	+45·246	0·90	45.5316	9·8
*	4·067	+12·630	2·00	45.5317	9·2
*	4·410	+48·425	0·95	45.5318	9·8
...	4·726	−32·666	0·80	46.5217	10·0
241					
...	+ 4·875	−11·522	− 2	46.5218	10·2
...	4·907	−40·647	− 5	...	...
†	4·971	−15·414	0·65	46.5219	10·0
...	5·140	−41·593	− 3	46.5220	10·4
...	5·601	−47·244	− 4	46.5221	10·4
...	+ 6·378	−47·621	− 5	...	...
...	6·671	+59·279	− 1	44.5434	10·2
...	6·983	+ 3·483	− 4	45.5319	10·4
...	7·161	+30·822	− 2	45.5321	10·2
*	7·175	+17·135	2·00	45.5320	9·0
251					
*	+ 7·858	+49·644	1·10	45.5322	9·6
...	8·307	+16·732	− 5	...	...
f ‡	8·326	+ 0·099	2·00	45.5323	9·1
...	8·370	−20·931	0·90	46.5222	9·9
*	8·437	+36·744	1·70	45.5324	9·5
...	+ 8·952	−23·973	− 4	46.5223	10·4
...	9·126	−25·937	− 5	46.5224	10·4
...	9·318	+22·310	− 4	...	...
...	9·522	+55·741	0·85	44.5436	9·9
...	9·716	+ 5·430	− 5	45.5327	10·4
261					
*	+ 9·788	+21·229	1·15	45.5325	9·5
...	9·858	+40·052	− 3	45.5326	10·3
†	9·936	+30·642	− 5	45.5328	10·4
...	10·527	−45·567	− 2	46.5225	10·4
...	11·076	−49·923	− 5	...	...
...	+11·572	+34·431	− 5	45.5329	10·4
...	11·872	+35·215	− 4	45.5330	10·4
...	12·939	+13·284	− 5	...	...
...	13·248	−38·503	− 5	...	...
...	13·507	+45·022	0·80	45.5331	10·0

223, 225. C.P.D., possibly mass.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−4.	No.	Mag.
271–320					
271	′	′		°	
S *	+13·983	−45·581	2·90	46.5227	8·1
...	14·689	−44·471	− 2	46.5228	10·4
...	14·821	−33·790	0·90	46.5229	10·0
...	15·389	+37·688	− 3	45.5332	10·4
...	15·514	−55·180	− 5	...	...
...	+15·749	+ 0·488	0·95	45.5333	9·9
...	16·039	−32·230	− 3	46.5230	10·4
...	16·516	+ 6·681	− 5	45.5334	10·4
*	16·534	−19·248	1·20	46.5232	9·4
*	16·536	−17·077	1·05	46.5231	9·7
281					
...	+16·616	−45·138	− 3	46.5233	10·4
*	16·970	+23·741	1·60	45.5335	9·5
...	17·303	−53·306	− 4	46.5234	10·4
...	17·879	+ 2·057	0·65	45.5336	10·0
...	18·802	+24·160	0·85	45.5337	10·0
...	+18·986	−28·940	− 4	...	...
*	19·042	− 3·036	1·15	45.5339	9·7
*	19·057	−54·899	0·90	46.5236	10·0
S N ‡	19·126	+39·782	4·20	45.5338	7·7
...	19·233	−30·780	0·65	46.5237	10·3
291					
†	+19·942	−16·443	− 4	46.5238	10·4
...	20·113	−52·568	− 4	...	...
...	20·171	+ 5·798	0·85	45.5340	9·9
*	20·254	− 2·077	1·40	45.5341	9·5
...	21·289	− 2·756	− 2	45.5343	10·4
†	+21·357	+44·857	− 2	45.5342	10·3
...	22·055	−15·280	− 4	46.5240	10·3
...	22·208	+12·310	− 5	45.5344	10·4
...	22·761	−58·824	− 4	...	...
...	22·780	−49·292	0·75	46.5242	10·0
301					
...	+22·799	−55·817	− 4	46.5244	10·4
n	22·895	−20·354	− 4	46.5241	10·4
...	22·942	−28·745	− 3	...	...
n	22·953	−20·615	− 4	46.5241	10·4
...	23·251	−11·827	− 3	46.5243	10·4
...	+23·877	−59·129	0·65	46.5246	10·2
...	23·998	−27·769	− 1	46.5245	10·4
S N *	24·047	+ 7·880	2·90	45.5345	8·1
*	24·175	+ 0·800	2·20	45.5347	8·6
...	24·508	+48·066	0·70	45.5346	10·2
311					
*	+25·185	+44·390	1·60	45.5348	9·3
...	25·361	−21·134	− 4	46.5248	10·4
...	25·676	−51·468	− 3	46.5250	10·4
...	25·785	−44·391	− 3	...	...
*	26·868	−25·145	1·00	46.5251	9·6
...	+26·933	+46·268	− 4	...	...
...	26·980	−23·784	− 5	...	...
...	27·126	−42·431	0·80	46.5252	10·2
...	27·583	+34·774	0·65	45.5349	10·3
...	27·925	−51·740	− 4	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−4.	No.	Mag.
321–370					
321	′	′		°	
...	+27·977	−26·205	0·75	46.5253	10·2
...	28·317	−36·646	0·70	46.5254	10·2
...	28·839	+ 6·979	− 4	45.5350	10·4
...	29·065	−36·735	0·85	46.5256	10·0
S *	29·129	−11·560	1·80	46.5255	9·0
...	+29·432	−24·332	− 4	...	...
...	30·761	+35·046	0·65	45.5351	10·2
...	32·761	−42·476	− 3	46.5257	10·4
...	33·200	+42·161	0·65	45.5352	10·2
...	33·306	−58·899	0·75	46.5258	10·0
331					
*	+33·525	+51·918	1·00	44.5457	9·8
*	33·976	+58·208	2·00	44.5459	8·8
S *	34·541	+26·735	2·80	45.5353	8·6
†	34·897	−48·224	− 3	46.5261	10·4
...	35·020	−39·369	− 1	46.5262	10·2
...	+35·090	−44·301	− 4	...	...
...	35·501	−46·550	− 4	...	...
...	35·637	+35·938	− 4	45.5354	10·4
...	35·897	+ 4·508	− 4	...	...
...	36·131	−59·469	− 5	...	...
341					
...	+36·200	−49·055	0·80	46.5263	10·2
...	36·810	+ 0·860	− 4	45.5355	10·4
...	37·406	−33·399	− 3	46.5264	10·4
...	37·482	−23·955	− 5	...	...
...	38·002	+45·585	0·90	45.5356	9·8
...	+38·467	−15·177	− 3	46.5265	10·4
...	39·195	−59·648	− 3	46.5266	10·4
...	39·399	−45·952	0·95	46.5267	9·9
*	39·500	+22·499	1·00	45.5357	9·8
*	40·323	−53·656	2·30	46.5268	8·4
351					
...	+40·702	−50·923	− 5	*a*	...
...	40·785	−55·471	0·80	46.5269	10·0
...	41·315	− 0·633	− 4	45.5359	10·4
...	41·465	− 9·491	0·65	46.5270	10·2
...	41·976	− 7·237	0·65	45.5360	10·3
...	+41·979	−25·588	0·85	46.5272	10·0
...	42·142	+51·344	0·90	45.5358	10·0
...	42·522	−42·233	− 3	...	...
...	42·576	−49·694	− 5	*b*	...
...	42·676	+28·492	0·65	45.5361	10·3
361					
...	+43·676	− 5·766	− 4	45.5363	10·4
...	43·958	+12·004	0·90	45.5362	9·8
*	44·427	+12·700	1·05	45.5364	9·8
‡	44·840	−52·091	0·95	46.5274	9·9
...	45·419	+25·282	0·65	45.5366	10·3
*	+45·443	−40·274	1·15	46.5275	9·7
...	45·443	−51·865	− 1	46.5278	10·2
...	45·457	− 1·916	0·80	45.5367	10·2
...	45·506	− 4·571	0·80	45.5368	10·2
...	45·508	+41·029	− 3	45.5365	10·3

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−4.	No.	Mag.
371–420					
371	′	′		°	
...	+45·864	−19·312	− 3	46.5276	10·4
...	46·008	−14·290	− 4	46.5277	10·4
...	46·330	−50·474	− 3	46.5279	10·4
...	46·663	−48·185	− 5	...	...
*	46·934	−57·190	2·80	46.5281	8·4
...	+46·959	− 5·976	− 5	45.5369	10·4
*	47·006	−49·903	1·10	46.5282	9·8
*	47·134	− 6·322	0·95	45.5370	9·8
...	47·179	−21·322	− 4	...	...
...	47·489	−11·802	− 4	46.5280	10·4
381					
...	+47·914	+27·166	− 4	...	...
...	47·977	−30·436	0·75	46.5283	10·2
...	48·057	+33·664	− 4	...	...
*	48·088	−44·189	1·15	46.5284	9·9
*	49·338	−56·172	2·00	46.5285	9·1
...	+49·619	+26·852	− 2	45.5371	10·4
S ‡	49·873	−51·362	2·90	46.5286	8·2
*	50·174	− 4·302	1·30	45.5372	9·7
...	51·534	+25·198	− 5	...	...
...	52·454	−27·821	− 3	46.5287	10·4
391					
...	+53·328	−46·517	− 3	46.5288	10·4
...	53·356	+39·282	0·65	45.5373	10·2
...	53·507	+40·163	− 4	45.5374	10·4
...	53·922	+37·596	− 4	45.5375	10·4
...	54·009	+27·745	− 5	...	...
...	+54·236	−12·560	0·65	46.5289	10·4
...	54·275	+10·757	0·75	45.5376	10·2
...	54·394	−45·207	− 2	46.5290	10·4
...	54·720	+ 2·659	0·65	45.5377	10·4
...	55·330	+33·873	− 5	...	...
401					
...	+55·482	+17·141	− 3	...	...
*	55·970	+16·628	1·80	45.5378	9·4
...	56·436	+14·442	− 4	45.5379	10·4
...	56·804	+14·862	− 4	45.5380	10·4
...	56·819	+12·039	0·70	45.5382	10·3
...	+56·944	+ 7·606	− 5	...	...
...	57·212	+34·220	0·95	45.5381	10·0
...	57·298	−41·178	0·90	46.5292	10·0
...	57·575	+59·214	− 5	44.5488	10·4
...	57·941	+29·592	0·95	45.5383	10·0
411					
...	+58·203	− 3·360	− 3	45.5384	10·4
...	58·284	+ 8·168	− 3	...	...
...	58·444	−54·434	− 4	46.5295	10·4
...	58·617	+ 6·363	− 5	...	...
*	58·821	−25·253	1·00	46.5293	9·8
...	+59·186	−16·519	− 4	46.5294	10·4
...	59·314	+ 5·794	0·65	45.5385	10·4
...	59·375	−22·416	− 5	...	...
*	59·428	−36·487	2·20	46.5296	8·6
*	59·628	−49·228	2·20	46.5297	8·6

289. Remeasure 1913, $y = +39'·801$.
308. Remeasure 1913, $x = +24'·058$.

302. 304. C.P.D., suspected double.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
1–60					
1	′	′		°	
†	−60·012	+40·789	− 1	45·5365	10·3
*	59·611	+25·043	1·00	45·5366	10·3
*	58·717	− 2·145	1·00	45·5367	10·2
...	58·579	− 4·794	1·00	45·5368	10·2
...	58·369	−17·157	− 4	...	...
...	−57·772	−14·493	− 3	46.5277	10·4
*	57·754	−52·308	1·10	46.5274	9·9
...	57·752	−19·513	0·85	46.5276	10·4
*	57·519	−40·478	1·35	46.5275	9·7
...	57·245	+33·512	− 4	...	...
11					
...	−57·173	+27·005	− 3	...	...
...	57·158	−52·061	− 1	46.5278	10·2
...	57·076	− 6·144	− 4	45.5369	10·4
*	56·897	− 6·471	1·25	45.5370	9·8
...	56·745	+25·596	− 5	...	...
...	−56·385	−21·483	− 3	...	...
...	56·378	−11·954	− 2	46.5280	10·4
...	56·319	−50·630	− 3	46.5279	10·4
...	56·056	−48·352	− 5	...	...
...	55·794	+15·654	− 5	...	...
21					
‡	−55·662	−50·037	1·25	46.5282	9·8
*	55·484	−57·334	3·00	46.5281	8·4
...	55·460	+26·751	− 1	45.5371	10·4
*	55·305	−30·558	1·00	46.5283	10·2
*	54·745	−44·307	1·25	46.5284	9·9
*	−53·929	− 4·380	1·40	45.5372	9·7
...	53·496	+25·151	− 3	...	...
*	53·130	−56·241	2·00	46.5285	9·1
...	52·954	−29·169	− 5	M	...
...	52·790	−27·957	− 5	...	...
31					
S *	−52·728	−51·405	3·05	46.5286	8·2
...	52·127	+39·292	1·00	45.5373	10·2
...	52·107	+17·158	− 5	...	...
...	51·991	+40·184	0·65	45.5374	10·4
...	51·501	+37·620	− 2	45.5375	10·4
...	−51·204	+13·497	− 5	...	...
...	51·106	+27·787	− 3	...	...
...	50·900	−27·819	− 1	46.5287	10·4
...	50·842	+52·768	− 4	...	...
*	50·304	+10·805	1·00	45.5376	10·2
41					
...	−49·984	+33·951	− 2	...	...
...	49·616	+ 2·726	0·90	45.5377	10·4
...	49·616	−12·494	1·00	46.5289	10·4
...	49·433	−46·474	0·75	46.5288	10·4
...	49·375	−50·921	− 5	M	...
...	−49·301	+17·225	− 2	...	...
...	48·996	−10·272	− 5	...	...
*	48·793	+16·717	2·00	45.5378	9·4
...	48·517	+59·341	− 4	44.5488	10·4
...	48·503	+30·901	− 5	...	...
51					
...	−48·434	+24·150	− 5	...	...
...	48·432	−45·111	1·00	46.5290	10·4
...	48·276	+14·565	− 2	45.5379	10·4
*	48·111	+34·346	1·10	45.5381	10·0
...	47·913	+15·005	− 4	45.5380	10·4
*	−47·806	+12·178	1·00	45.5382	10·3
...	47·539	+ 7·740	− 3	...	...
*	47·239	+29·746	1·00	45.5383	10·0
...	46·218	+ 8·345	− 2	...	...
...	46·157	− 4·500	− 5	M	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
61–120					
61	′	′		°	
...	−45·927	− 3·174	− 2	45·5384	10·4
...	45·826	+ 6·556	− 4	...	...
*	45·650	−41·002	1·10	46.5292	10·0
...	45·609	−59·822	− 1	46.5291	10·3
†	45·094	+ 6·013	− 1	45.5385	10·4
...	−44·854	+26·466	− 5	...	...
...	44·840	+25·788	− 4	...	...
‡	44·644	−25·040	1·00	46.5293	9·8
S *	44·562	+48·878	3·90	45.5386	7·9
...	44·527	−16·290	− 2	46.5294	10·4
71					
...	−44·410	− 2·393	− 4	A	...
...	44·162	−22·175	− 4	...	...
...	44·085	−54·210	− 1	46.5295	10·4
...	44·054	+36·227	− 5	B	...
*	43·668	−36·234	2·90	46.5296	8·6
*	−43·044	−48·981	2·80	46.5297	8·6
...	43·008	+19·990	− 2	45.5387	10·4
...	42·812	−14·141	− 3	46.5298	10·4
...	42·546	−52·330	− 5	M	...
*	42·351	+44·013	1·00	45.5388	10·0
81					
...	−42·185	−42·844	− 3	A	...
...	42·117	+38·395	0·80	45.5390	10·2
*	41·969	+15·616	1·00	45.5389	9·9
...	41·743	−47·444	− 5	M	...
...	41·115	+27·250	− 2	45.5391	10·4
...	−40·908	+22·600	− 4	...	...
...	40·502	−13·933	− 4	M	...
...	40·274	+51·054	− 3	...	...
†	40·076	+18·701	0·90	45.5392	9·9
...	39·989	−45·971	− 2	...	...
91					
...	−39·974	−53·262	0·80	46.5300	10·3
*	39·945	−57·106	1·00	46.5301	10·0
*	39·893	−18·895	1·20	46.5302	9·4
...	39·760	+31·219	− 5	...	...
...	39·592	−22·972	− 4	...	...
...	−39·376	−55·838	− 1	46.5303	10·3
...	39·252	−56·489	− 5	M	...
...	39·068	− 1·571	− 4	M	...
*	38·977	−10·483	0·95	46.5304	10·0
...	38·945	−49·301	− 2	...	...
101					
...	−38·894	−18·706	− 4	...	...
...	38·520	−37·775	− 2	...	...
...	38·406	− 1·483	− 5	M	...
...	38·304	+56·481	− 3	...	...
...	38·111	+ 6·130	0·90	45.5393	10·0
*	−38·003	+39·502	3·20	45.5394	8·4
...	37·899	+28·026	0·75	45.5395	10·3
...	37·843	−31·556	− 2	46.5305	10·4
...	37·781	+54·281	− 4	...	...
...	37·611	−21·148	− 5	M	...
111					
*	−37·460	+55·915	1·20	44.5502	9·8
...	37·052	+ 2·171	0·80	45.5396	10·3
†	37·029	−20·080	− 5	M	...
...	36·786	−56·408	− 3	B	...
*	36·644	−27·663	1·00	46.5306	9·7
...	−36·478	+14·129	− 4	...	...
...	36·334	+44·185	− 5	...	...
...	35·978	+ 8·653	− 3	45.5397	10·4
*	35·974	+40·202	1·00	45.5398	10·0
...	35·341	−31·027	− 5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
121–180					
121	′	′		°	
†	−35·197	+15·484	− 2	...	...
...	34·954	+ 5·801	− 3	45.5399	10·4
*	34·846	+56·537	1·20	44.5505	9·8
...	34·796	+52·052	− 1	44.5506	10·2
...	34·710	−38·880	0·90	46.5307	10·0
†	−34·330	−34·955	− 2	46.5308	10·4
...	33·917	+26·272	− 1	45.5400	10·4
...	33·880	−44·019	− 4	M	...
...	33·696	+19·926	− 4	...	...
...	33·529	−53·135	− 4	A	...
131					
...	−33·466	+ 5·962	0·90	45.5401	9·9
...	33·292	+ 0·298	0·90	45.5402	10·2
...	33·153	+47·756	0·90	45.5403	10·0
...	32·857	− 0·532	− 5	M	...
...	32·750	+49·195	− 4	...	...
...	−32·648	+57·263	− 4	...	...
...	32·480	+46·948	0·65	45.5404	10·4
...	32·452	+46·007	− 4	...	...
...	32·397	+48·894	− 5	B	...
...	32·028	+50·279	− 3	45.5405	10·4
141					
...	−31·785	+22·161	− 1	45.5406	10·4
...	31·769	−23·407	− 5	...	...
...	31·195	+15·978	0·95	45.5407	10·2
...	30·985	−42·641	− 4	...	...
...	30·813	+45·045	− 3	...	...
...	−30·576	+36·226	− 1	45.5408	10·4
...	30·451	−56·730	0·95	46.5310	10·0
*	30·299	+41·125	1·00	45.5409	10·0
...	30·021	−36·579	− 4	46.5311	10·4
...	29·054	−52·038	− 2	...	...
151					
...	−28·920	−39·772	− 4	...	...
...	28·893	−34·608	− 4	...	...
...	28·789	+12·820	− 4	...	...
...	27·954	+17·265	0·95	45.5410	10·2
...	27·803	− 5·597	1·00	45.5411	10·3
...	−27·793	+59·067	− 4	...	...
*	27·708	+38·445	1·25	45.5412	9·5
...	27·687	− 6·379	− 5	...	...
...	27·499	+45·360	0·95	45.5413	10·2
...	27·325	−29·634	− 3	...	...
161					
...	−27·252	−41·162	− 5	...	...
†	27·145	+14·926	1·00	45.5414	10·0
...	27·135	− 1·253	− 5	...	...
*	27·001	−19·692	1·10	46.5312	9·8
...	26·929	−23·611	0·95	46.5313	10·2
...	−26·857	−44·763	− 1	...	...
...	26·414	+40·762	0·95	45.5416	10·2
*	26·399	+32·647	1·00	45.5415	9·9
...	26·187	+40·992	− 3	45.5417	10·4
...	25·676	−48·386	− 5	...	...
171					
...	−24·179	+15·450	0·80	45.5418	10·3
*	23·877	+37·115	2·00	45.5421	9·2
S*	23·794	− 8·098	2·95	45.5420	8·6
...	23·751	− 5·776	− 2	45.5419	10·4
...	23·441	−12·618	− 5	...	...
...	−23·291	− 2·007	− 2	45.5422	10·4
†	23·101	−54·900	− 1	46.5314	10·4
...	22·824	+52·423	− 4	...	...
*	22·756	+10·296	1·60	45.5423	9·8
...	22·721	− 9·801	− 4	46.5315	10·4

L measured from 1, 149, 281, 417.
MC „ „ 65, 207, 345, 483.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
181–240					
181					
...	−22′179	+15′472	− 5	° ...	...
...	21·911	+14·684	− 5	...	...
...	21·767	−28·474	− 2	46.5316	10·4
...	21·635	−35·726	− 5	...	...
*	21·343	+54·169	1·20	44.5518	9·8
...	−21·098	+50·511	− 1	45.5424	10·4
...	20·474	+43·710	0·75	45.5425	10·4
...	20·004	+49·473	− 3	45.5426	10·4
...	19·485	− 0·261	− 1	45.5427	10·3
*	19·119	−39·789	1·00	46.5317	9·9
191					
...	−18·974	+37·278	0·80	45.5428	10·4
...	18·598	+12·542	− 4	...	...
...	18·512	−25·458	− 5	46.5318	10·4
...	18·403	−25·587	− 5		
...	18·232	+40·540	− 4	...	...
...	−18·111	−56·787	− 4	...	...
*	18·108	+36·904	1·20	45.5429	9·7
...	17·353	+35·023	0·85	45.5430	10·2
...	16·872	− 5·324	− 1	45.5431	10·4
...	16·460	+39·987	− 1	45.5432	10·4
201					
...	−16·082	+ 4·424	− 1	45.5433	10·3
...	15·987	+35·057	0·85	45.5435	10·3
...	15·903	− 3·493	− 5	45.5434	10·4
...	15·795	−56·203	− 5	M	...
...	15·626	+55·986	− 5	...	...
*	−15·455	−52·984	2·00	46.5322	9·0
...	15·031	+41·891	− 3	...	...
...	14·996	−59·562	− 5	M	...
...	14·871	+38·691	0·90	45.5436	10·0
...	14·820	− 9·982	− 5	...	...
211					
...	−14·747	+36·598	− 2	45.5437	10·3
...	14·611	+56·841	− 1	44.5527	10·4
...	14·502	−56·509	0·95	46.5323	10·0
...	14·384	−53·184	− 4	...	...
...	14·122	−41·355	− 3	...	...
...	−14·061	−28·717	− 1	46.5324	10·3
...	13·828	−33·311	− 2	46.5325	10·4
...	13·734	−35·526	− 4	...	...
...	13·422	−58·067	− 3	...	...
*	12·871	−50·190	1·10	46.5326	9·9
221					
*	−12·803	+48·042	1·60	45.5438	9·5
*	12·604	+ 3·356	1·80	45.5439	9·5
...	12·474	+54·088	− 4	...	...
*	12·469	+29·155	1·00	45.5440	10·0
...	12·344	−51·216	− 2	46.5327	10·4
‡‡	−12·089	+ 9·832	1·20	45.5441	9·9
S*	11·957	+ 5·786	2·20	45.5442	9·1
...	11·608	+48·078	0·70	45.5443	10·3
...	11·201	+12·836	− 4	...	...
...	10·856	−31·354	− 3	...	...
231					
...	−10·428	−49·494	− 2	46.5329	10·4
†	10·141	−58·013	− 5	M	...
†	10·126	−58·814	0·75	46.5330	10·4
...	9·758	− 4·558	− 1	45.5444	10·2
*	9·393	−49·800	1·80	46.5332	9·2
...	− 9·314	+51·869	− 4	...	...
*	9·160	−47·990	1·10	46.5333	9·6
...	8·582	+42·491	0·90	45.5445	10·0
...	8·435	+48·330	− 3	...	...
...	8·169	+53·888	− 5	...	...
241–300					
241					
*	− 8′151	−44′736	1·00	° 46.5335	10·0
...	8·074	−58·279	− 4	A *m*	...
...	7·230	− 2·252	− 1	45.5446	10·3
...	7·058	+48·295	− 2	...	...
...	7·008	−37·732	− 5	...	...
...	− 6·895	− 1·368	− 4	45.5447	10·4
...	6·401	−45·176	− 3	...	...
...	6·268	+15·174	− 1	45.5448	10·3
...	6·042	+32·856	− 2	45.5449	10·4
*	5·741	− 5·318	1·60	45.5450	9·7
251					
...	− 5·586	+31·849	− 4	...	...
...	5·141	−14·919	− 3	46.5336	10·4
*	5·063	+32·829	1·40	45.5452	9·5
...	5·052	+17·647	0·95	45.5451	10·0
...	4·348	−42·908	0·80	46.5337	9·8
...	− 4·313	−42·995	− 1		
...	4·245	−13·343	− 2	46.5338	10·4
...	4·234	+41·261	− 3	...	...
...	4·161	+47·769	− 5	...	...
...	3·790	−19·697	− 4	46.5339	10·4
261					
*	− 3·765	+46·151	1·20	45.5453	9·5
...	3·463	+22·546	0·90	45.5454	10·0
...	3·017	−56·107	− 5	M *m*	...
S*	3·008	−57·441	3·00	46.5341	8·2
...	2·970	−35·374	− 1	46.5340	10·3
...	− 2·894	−21·697	− 5	M	...
*	2·890	−54·238	1·80	46.5342	9·3
...	2·635	−15·758	− 5	M *m*	...
*	2·531	+55·808	1·80	44.5535	9·2
m	2·417	+ 0·680	− 1	45.5455	10·2
271					
*	− 2·364	−55·815	1·00	46.5344	9·8
*	2·349	−19·046	1·50	46.5343	9·5
...	2·267	+39·904	− 3	...	...
...	1·873	−52·863	− 4	...	...
...	1·698	−49·247	− 1	46.5345	10·3
...	− 1·648	+47·550	− 5	...	...
...	1·492	+39·601	0·75	45.5456	10·2
...	1·138	−41·365	− 2	46.5346	10·4
*	0·726	+41·619	1·00	45.5457	10·0
...	0·606	−39·862	− 4	...	...
281					
‡‡	− 0·191	−45·350	1·00	46.5347	9·5
*	0·062	−45·324	1·00		
...	− 0·034	− 0·317	− 5	M *m*	...
...	+ 0·003	−55·810	0·70	46.5349	10·4
...	0·106	−12·098	− 3	46.5348	10·4
...	+ 1·229	−18·488	− 3	46.5350	10·4
...	1·329	−37·901	− 3	46.5351	10·4
...	1·679	−11·890	− 4	...	...
*	1·996	+33·821	1·05	45.5458	9·8
...	2·432	+50·413	1·00	45.5459	10·2
291					
...	+ 3·025	−48·321	0·90	46.5352	10·4
...	3·102	−17·345	− 5	46.5353	10·4
...	3·169	+58·480	− 3	...	...
...	4·961	+16·825	− 4	...	...
...	5·023	−37·318	0·70	46.5354	10·4
†	+ 5·229	+49·874	− 4	...	...
...	5·366	+41·125	− 2	45.5460	10·4
...	6·115	+19·579	− 5	...	...
...	6·410	− 1·990	− 1	45.5463	10·3
...	6·415	− 7·415	− 1	45.5462	10·4
301–360					
301					
‡‡	+ 6′511	+14′710	3·00	° 45.5461	8·4
*	6·587	+13·111	1·15	45.5464	9·9
*	6·676	−30·650	1·15	46.5355	9·9
S*	6·700	+33·229	2·20	45.5465	8·8
...	7·018	−35·267	0·70	...	...
...	+ 7·059	+39·177	− 4	...	...
...	7·148	− 5·980	− 2	...	...
...	7·380	−57·520	− 4	M	...
...	7·850	+ 4·389	1·10	...	...
*	8·668	−56·945	2·10	46.5358	9·1
311					
*	+ 8·739	−48·008	1·35	46.5359	9·6
...	8·744	− 4·187	− 1	...	...
*	8·965	−42·858	1·20	46.5360	10·0
...	9·090	−25·476	− 4	...	...
...	9·332	+25·306	1·00	...	...
*	+ 9·520	−56·151	3·10	46.5361	8·2
*	9·956	+40·172	4·00	45.5466	7·5
...	9·974	−30·835	0·70	...	...
...	10·026	− 5·590	− 4	...	...
*	10·175	+23·655	1·00	45.5467	10·3
321					
...	+10·242	+ 7·352	− 3	...	...
...	10·326	−33·307	− 5	*m*	...
†	10·446	−40·034	− 1	...	...
...	10·882	+29·937	0·70	...	...
*	11·736	−48·322	1·00	46.5362	10·3
...	+11·796	+50·523	0·75	...	...
*	11·845	+43·025	1·00	45.5468	10·2
...	11·973	−29·660	0·95	...	...
*	12·292	+50·642	1·00	45.5469	10·3
...	12·310	+25·641	− 4	...	...
331					
...	+12·929	−57·342	− 5	*m*	...
...	13·151	+37·887	0·85	...	...
...	13·391	+54·283	− 5	...	...
...	13·504	+53·774	− 4	...	...
S*	13·685	+ 8·378	1·80	45.5470	9·5
*	+13·929	−18·284	2·00	46.5363	9·6
*	13·976	+35·403	1·40	45.5471	9·8
...	14·072	+34·579	0·65	...	...
...	14·334	−22·823	− 3	...	...
...	14·404	−29·832	1·00	...	...
341					
...	+14·438	+33·056	1·00	...	...
†	14·673	−36·167	− 4	...	...
‡‡	14·690	−19·455	1·90	46.5364	9·6
†	14·698	−36·394	− 4	...	...
...	14·978	+36·411	− 1	...	...
...	+15·099	+17·698	− 4	...	...
...	15·272	− 2·157	− 3	...	...
...	15·397	− 7·493	− 1	...	...
...	15·412	+13·030	− 5	...	...
‡‡	15·510	+29·918	1·50	45.5472	9·6
351					
...	+15·575	+ 1·163	− 5	...	...
...	15·784	−59·663	0·95	46.5365	10·3
...	15·859	−55·225	− 3	...	...
...	16·990	−31·222	0·85	46.5366	10·3
...	17·014	−12·115	− 1	...	...
...	+17·033	−34·507	− 4	...	...
...	17·623	−29·853	0·80	46.5367	10·3
...	17·628	+51·173	− 5	...	...
...	17·687	+20·058	− 3	...	...
*	17·711	+49·443	1·00	45.5473	10·0

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
361–420					
361					
...	+17·797	+ 7·596	− 5	...	...
...	17·840	+15·346	− 1	...	...
...	17·992	−38·503	− 1	...	...
...	18·207	−56·886	− 5	*m*	...
...	18·631	+49·164	− 5	...	...
...	+18·698	−24·262	− 5	...	...
...	19·169	+33·418	− 3	...	...
...	19·201	−55·758	− 1	...	...
...	19·205	+ 2·024	− 1	...	...
S*	19·301	−19·118	2·65	46.5368	9·1
371					
...	+19·490	−13·764	0·75	...	...
...	19·523	−45·538	− 4	...	...
...	20·081	−41·601	− 2	...	...
...	20·211	+52·238	− 5	...	...
...	20·515	+24·231	0·65	...	...
*	+20·573	−34·689	3·00	46.5369	8·6
...	20·583	+36·097	− 4	...	...
...	20·810	+19·559	0·95	45.5474	10·3
...	20·827	+44·151	− 4	...	...
...	21·106	+56·814	− 5	...	...
381					
...	+21·493	+ 3·281	− 1	...	...
*	21·677	+17·382	1·00	45.5475	10·1
*	21·724	+17·123	1·60	45.5476	9·6
...	21·954	+ 8·196	− 3	...	...
...	22·130	+28·826	− 4	...	...
...	+22·184	−43·608	− 3	...	...
...	22·289	+48·397	− 2	...	...
‡	23·306	−10·046	1·60	46.5370	9·8
...	23·673	−58·714	− 2	...	...
...	23·819	+40·165	− 4	...	...
391					
...	+23·875	+10·907	− 2	...	...
...	24·404	− 7·471	− 3	...	...
†	24·626	+25·861	− 5	...	...
...	24·903	+10·656	− 4	...	...
...	25·077	+35·196	0·65	...	...
...	+25·211	−23·761	− 1	...	...
...	25·561	−54·835	0·80	46.5372	10·3
*	25·670	−25·414	1·00	46.5371	10·2
...	25·999	−57·546	− 5	*m*	...
...	26·007	+59·660	− 5	...	...
401					
...	+26·360	−34·267	− 1	...	...
...	26·646	−25·748	− 1	...	...
...	27·004	−13·156	0·95	46.5373	10·3
...	27·134	+58·487	− 2	...	...
...	27·255	+15·315	− 3	...	...
...	+27·304	−56·090	0·75	...	...
...	27·408	−58·785	− 5	*m*	...
...	27·445	+43·507	0·65	...	...
...	27·550	− 6·566	− 4	*a*	...
...	27·750	+54·652	− 4	...	...
411					
...	+28·205	+12·520	− 1	...	...
...	28·473	−23·450	− 4	...	...
*	28·564	+46·154	1·50	45.5477	9·6
*	28·686	+45·536	1·70	45.5478	9·6
...	29·197	+29·256	− 3	...	...
...	+29·631	−41·666	− 3	...	...
†	29·709	+ 9·088	− 5	...	...
...	29·753	+57·385	− 4	...	...
...	29·836	−42·087	− 4	...	...
...	30·087	+46·241	− 5	...	...
421–480					
421					
...	+30·160	−48·671	− 3	...	...
...	30·392	−13·772	− 2	...	...
*	30·403	−19·491	1·00	46.5374	10·3
...	30·409	−44·000	− 2	...	...
...	30·513	+ 2·522	0·95	...	...
*	+30·638	+ 4·032	1·10	45.5480	10·2
*	30·790	− 0·892	2·20	45.5481	9·5
...	30·802	− 8·816	− 3	...	...
*	30·810	+22·331	1·00	45.5479	10·3
...	31·486	− 4·827	− 1	...	...
431					
...	+31·899	−50·925	− 3	...	...
...	32·068	+12·197	− 2	...	...
*	32·072	−25·500	2·40	46.5375	9·0
...	32·270	+13·919	− 4	...	...
*	32·619	−22·987	1·05	46.5376	10·2
...	+32·697	−41·538	− 5	*m*	...
*	32·959	+ 6·614	1·20	45.5482	10·1
...	33·249	+ 3·880	− 3	...	...
...	33·271	−16·270	1·00	46.5377	10·3
S*	33·507	−48·166	3·15	46.5378	8·0
441					
...	+33·560	+54·340	0·65	...	...
...	33·905	+21·782	1·00	45.5483	10·3
*	34·008	− 1·990	1·20	45.5484	10·1
...	35·194	+38·719	− 2	...	...
...	35·561	+ 2·020	− 5	...	...
...	+35·851	+57·236	1·05	44.5558	10·3
...	35·879	−39·077	− 5	*m*	...
*	35·883	+ 9·788	1·20	45.5485	10·0
...	36·236	+39·975	− 2	...	...
...	36·288	+56·597	− 4	...	...
451					
...	+36·355	−10·770	1·10	46.5379	10·3
*	36·447	−59·249	1·30	46.5380	10·3
*	36·557	+16·013	1·30	45.5486	10·1
‡	36·732	+ 4·963	1·20	45.5487	10·0
...	36·826	−59·141	− 4	...	...
...	+37·006	+35·016	− 5	...	...
...	37·060	+55·545	− 5	...	...
...	37·153	+18·473	− 1	...	...
...	37·584	+10·058	− 5	...	...
...	37·825	+22·814	1·00	...	...
461					
...	+38·293	+14·794	− 4	...	...
S*	38·480	+46·359	3·05	45.5488	8·0
...	38·507	−17·060	− 5	...	...
...	38·741	+24·194	− 3	...	...
...	39·412	+ 1·013	− 2	...	...
†	+39·564	+27·176	− 2	...	...
...	39·872	− 3·680	1·00	...	...
...	40·283	−55·018	− 5	*m*	...
...	40·289	+47·663	− 5	...	...
*	40·642	+26·256	1·10	45.5489	10·3
471					
*	+41·104	−47·908	1·00	46.5382	10·3
...	41·224	−12·530	0·85	...	...
...	41·324	+19·989	− 1	...	...
...	41·921	−58·452	− 4	...	...
...	42·056	− 0·970	− 2	...	...
...	+42·806	−52·977	1·00	...	...
*	43·217	−52·665	1·35	46.5383	10·0
...	43·565	− 1·359	− 2	...	...
...	43·675	−43·731	1·00	...	...
...	43·816	−16·445	− 4	...	...
481–540					
481					
...	+44·210	+46·760	− 5	...	...
...	44·298	−28·296	− 2	...	...
†	44·692	+19·306	− 2	...	...
...	45·291	−49·436	− 5	*m*	...
...	45·424	− 4·324	− 5	*m*	...
...	+45·562	+57·747	− 1	...	...
...	45·895	+18·032	− 4	...	...
...	46·014	−49·157	− 4	*a*	...
...	46·030	−35·639	− 2	...	...
...	46·198	− 7·210	− 4	...	...
491					
...	+46·203	−36·415	− 3	...	...
...	46·443	−11·224	− 4	*a*	...
...	46·492	− 8·720	− 2	...	...
...	46·494	−14·458	− 3	...	...
...	46·759	− 0·917	− 5	*m*	...
...	+46·836	+56·540	− 4	...	...
...	46·954	−42·314	− 5	*m*	...
...	46·972	−21·003	− 2	...	...
*	46·993	+19·989	1·00	45.5490	10·3
...	47·016	−20·927	− 4	*m*	...
501					
...	+47·628	−29·442	− 3	...	...
...	48·133	−47·747	− 4	*b*	...
...	48·217	+ 9·553	0·65	45.5491	10·3
...	49·248	+ 1·662	− 3	...	...
...	49·503	−17·649	− 3	...	...
...	+49·523	+ 1·184	− 5	...	...
‡	49·630	−27·051	1·80	46.5384	9·5
*	50·029	− 6·016	0·95	45.5493	10·3
...	50·076	−41·529	− 5	*m*	...
...	50·092	−35·207	− 3	...	...
511					
...	+50·274	+30·473	− 3	...	...
...	50·322	−37·917	− 2	...	...
*	50·412	−51·529	1·60	46.5385	9·6
...	50·430	+41·442	0·90	45.5492	10·3
...	50·526	+26·377	− 5	...	...
...	+50·537	+34·941	− 1	...	...
...	50·706	+ 0·712	0·85	45.5494	10·3
...	50·793	−53·663	− 5	*m*	...
*	51·103	−46·959	1·20	46.5386	9·6
...	51·692	+15·202	− 3	...	...
521					
...	+52·425	− 1·678	− 2	...	...
...	52·882	−45·075	0·95	46.5387	10·3
...	52·912	+43·393	− 4	...	...
...	53·204	+50·209	1·00	45.5495	10·3
...	53·251	+ 4·780	− 1	...	...
...	+54·108	+57·899	− 5	...	...
‡	54·544	−24·998	1·60	46.5388	9·6
†	54·683	−22·766	0·85	...	...
...	55·106	−11·619	− 4	*b*	...
...	55·453	+37·237	0·75	...	...
531					
...	+55·703	−38·456	− 4	*a*	...
...	55·919	−55·686	− 2	...	...
...	56·238	−38·331	0·80	...	...
...	56·398	−11·373	0·80	...	...
*	56·516	+18·579	1·20	45.5496	10·2
...	+57·427	+17·877	− 4	...	...
...	57·471	− 5·734	0·80	45.5498	10·3
...	57·823	−25·563	− 3	...	...
...	58·413	+45·248	0·95	45.5497	10·3
*	58·580	+ 0·381	2·20	45.5499	8·8

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
541–549					
541				°	
...	+58′·708	+17′·714	− 1	...	...
...	58·774	−47·465	− 4	...	...
...	58·926	−40·210	− 1	...	...
...	58·980	−48·955	− 1	...	...
S ‡ ‡	58·993	−44·997	1·70	46.5389	9·4
...	+59·104	+12·575	− 1	...	...
...	59·346	+57·043	− 4	...	...
...	59·447	+41·338	− 4	...	...
...	59·481	+27·047	− 2	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. ...	C.P.D. No.	C.P.D. Mag.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. ...	C.P.D. No.	C.P.D. Mag.

1–40					
1				°	
...	−59′·768	−53′·253	− 3	...	...
...	59·374	−52·932	1·10	46·5383	10·0
...	59·177	−43·984	− 2	...	...
...	57·861	+19·818	0·75	45·5490	10·3
...	57·473	− 8·896	− 4	...	...
...	−57·074	−35·826	− 5	...	...
...	56·330	+ 9·424	− 2	45,5491	10·3
...	55·120	+41·353	0·65	45·5492	10·3
...	54·799	+34·876	− 5	...	...
...	54·023	− 6·084	0·75	45·5493	10·3
11					
*	−53·751	−27·115	1·30	46.5384	9·5
...	53·568	+ 0·674	− 2	45·5494	10·3
...	53·029	+15·177	− 5	...	...
...	52·728	−37·967	− 5	...	...
...	52·625	+50·207	0·80	45·5495	10·3
...	−52·199	−51·579	1·15	46.5385	9·6
...	51·662	−46·985	1·00	46.5386	9·6
...	51·121	+ 4·810	− 5	...	...
‡ ‡	49·957	+37·319	− 3	...	...
...	49·920	−45·040	− 1	46.5387	10·3
21					
‡ ‡	−48·883	−24·902	1·15	46.5388	9·6
...	48·855	−22·677	− 1	...	...
...	48·307	+18·704	0·95	45·5496	10·2
...	47·481	−11·237	− 2	...	...
...	47·263	+45·419	0·65	45·5497	10·3
...	−46·802	−38·179	− 3	...	...
...	46·582	− 5·565	− 2	45·5498	10·3
*	45·662	+ 0.593	1·90	45·5499	8·8
...	45·603	−25·368	− 5	...	...
...	45·528	+12·787	− 3	...	...
31					
...	−44·037	−39·990	− 4	...	...
S *	43·836	−44·751	1·40	46.5389	9·4
...	43·724	−48·718	− 3	...	...
...	43·517	− 0·987	− 1	...	...
...	43·482	+50·701	0·80	45·5500	10·1
...	−42·676	−14·817	− 2	46·5390	10·3
...	41·954	− 0·329	− 3	α	...
...	41·832	− 4·117	− 3	...	...
*	41·754	−59·065	1·90	46.5391	9·2
*	41·288	+40·372	1·00	45·5502	10·0

41–80					
41				°	
...	−41′·015	+32′·774	− 4	...	...
...	40·700	+51·321	− 3	...	...
...	40·699	− 6·763	− 2	45.5501	10·3
...	40·588	−49·658	0·95	46.5392	10·1
...	40·355	+32·311	− 5	...	...
...	−40·151	+28·905	− 5	...	...
†	39·997	+15·859	− 5	...	...
...	39·884	−40·039	0·85	46.5394	10·1
...	39·614	+26·473	− 2	...	...
...	38·274	+53·820	− 4	...	...
51					
...	−36·900	+51·775	0·90	44.5577	10·3
S *	36·852	−16·864	2·00	46.5396	8·3
...	36·375	−12·993	− 4	...	...
...	36·315	+26·148	− 3	...	...
...	36·261	+14·384	0·90	45.5503	10·1
...	−36·109	−38·448	− 2	46.5397	10·3
...	35·727	−17.834	− 5	...	...
‡ ‡	35·220	+10·040	1·00	45.5504	9·6
...	35·085	+40·669	− 4	...	...
N *	34·947	− 2·029	1·30	...	...
61 N	−34·906	− 2·102	0·70	45.5505 ...	9·0 ...
...	34·699	+22·887	0·80	45.5507	9·8
*	34·595	+ 3·734	1·25	45.5506	9·6
...	34·545	−39·390	− 4	...	...
S *	34·484	−27·291	2·90	45.5508	8·0
...	−34·131	+39·448	− 3	...	...
...	33·891	−17·311	0·75	46.5398	10·3
...	33·163	−39·816	0·75	46.5399	10·1
...	32·490	+43·500	− 5	...	...
...	32·106	+ 6·985	0·70	45.5509	10·3
71					
...	−31·135	−42·882	− 5	...	...
...	31·131	−34·354	− 2	...	...
...	30·958	+45·607	− 5	...	...
...	30·421	+19·808	− 2	45.5510	10·3
...	30·144	− 8·210	− 3	...	...
...	−30·105	+52·733	− 3	...	...
...	29·007	−48·892	0·90	46.5401	10·0
...	28·719	+25·500	− 2	...	...
...	28·645	−30·801	− 4	...	...
...	28·523	−53·246	− 5	...	...

81–120					
81				°	
...	−28′·112	−20′·299	− 4	...	...
...	27·493	+18·860	0·85	45.5511	10·0
...	27·246	−57·157	− 2	...	...
...	26·418	−40·526	0·85	46.5402	10·1
*	26·323	+13·286	1·00	45.5512	9·8
...	−26·296	−41·709	− 4	...	...
...	26·169	−42·994	− 4	...	...
...	25·790	+21·208	− 4	...	...
...	25·761	−17·309	− 3	...	...
...	25·380	+33·380	− 5	...	...
91					
...	−25·252	−25·296	− 2	...	...
...	24·675	−12·375	0·75	46.5403	10·3
...	23·738	+14·132	− 3	...	...
*	23·156	−58·256	1·50	46.5404	9·5
...	23·139	+23·089	− 2	...	...
*	−23·095	−30·529	3·00	46.5405	7·9
...	22·555	+36·718	− 4	...	...
...	21·987	−34·555	− 1	46.5406	10·3
...	21·880	−48·349	− 5	...	...
...	21·694	− 8·369	− 4	...	...
101					
...	−21·569	−30·842	− 4	...	...
...	21·302	+15·444	− 4	...	...
*	21·231	−16·112	1·00	46.5407	9·8
...	21·143	+38·868	− 3	...	...
...	20·638	− 6·424	− 2	45.5513	10·3
...	−20·282	−28·266	− 4	...	...
...	20·215	+49·195	− 3	...	...
...	19·336	+ 1·525	− 1	45.5514	10·1
...	19·102	−27·634	− 5	...	...
...	18·852	+45·976	− 2	...	...
111					
...	−18·254	−24·851	− 2	...	...
...	17·911	+31·455	− 2	45.5515	10·3
*	17·870	+33·309	1·60	45.5516	9·0
...	17·404	−10·891	− 2	...	...
...	17·072	−30·844	− 2	...	...
...	−16·509	−13·092	0·90	46.5409	10·0
...	16·458	−22·473	0·70	46.5408	10·3
...	15·968	+10·152	− 5	...	...
...	14·977	+25·187	− 4	...	...
...	13·957	−59·129	− 4	...	...

ES measured from 1, 160.
MC „ „ 77, 229.

60, 61. 47°·69, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
121–180					
121	′	′		°	
...	−13·938	+42·798	− 3	...	...
...	13·902	−36·363	− 5	...	...
...	13·848	−48·055	0·90	46.5410	10·0
S*	12·980	+14·288	2·10	45.5517	8·6
...	12·703	+36·837	4	...	...
*	−11·475	+ 1·213	3·00	45.5518	7·9
*	11·192	−21·231	1·60	46.5411	9·1
...	10·585	−24·401	− 2	46.5412	10·3
*	10·466	+ 8·864	1·20	45.5519	9·6
†	10·062	+26·768	0·80	45.5520	10·2
131					
...	− 9·715	+38·803	− 2	...	...
...	9·692	+36·134	0·80	45.5521	10·2
...	9·554	+22·892	− 5	...	...
...	8·785	−34·304	− 5	...	...
...	8·403	+33·939	− 2	...	...
*	− 8·343	−24·637	1·40	46.5413	9·4
...	8·319	−37·592	− 1	...	...
...	7·569	− 3.981	− 3	...	...
...	7·168	+15·314	0·90	45.5522	10·0
S*	7·041	−24·830	2·00	46.5415	8·6
141					
...	− 6·766	−47·149	0·80	46.5416	10·3
...	6·016	−16·876	0·75	46.5417	10·3
...	5·955	−30·595	0·65	...	...
...	5·883	+33·809	− 3	...	...
...	5·213	+ 1·123	− 2	...	...
...	− 5·040	− 6·273	− 3	45.5523	10·3
*	4·843	−25·175	1·90	46.5421	9·0
...	4·839	−20·723	0·85	46.5420	10·2
...	4·810	−24·700	− 3	46.5419	10·3
...	4·676	−49·497	− 4	*m*	...
151					
...	− 4·297	+33·242	− 4	...	...
...	3·449	−32·701	− 2	46.5423	10·3
...	2·849	+27·357	− 2	...	...
...	2·515	−42·710	− 1	...	...
...	2·305	+12·209	0·70	45.5524	10·3
...	− 2·217	+ 4·229	− 3	...	...
S*	2·075	+37·687	2·00	45.5525	8·6
...	1·781	+48·340	− 3	...	...
†	− 0·167	−30·208	− 3	...	...
*	+ 0·311	+ 5·941	2·20	45.5526	8·6
161					
...	+ 0·886	+28·110	− 4	...	...
*	1·572	−33·631	1·80	46.5424	9·0
...	1·803	+58·928	− 5	...	...
...	2·102	−36·724	− 4	...	...
...	3·245	+15·427	− 4	...	...
S*	+ 4·074	−49·168	3·50	46.5425	7·0
*	5·829	−13·505	1·10	46.5426	9·6
*	6·285	+55·352	1·00	44.5599	9·6
...	6·649	−43·251	0·70	46.5427	10·3
...	7·794	+49·387	− 2	...	...
171					
*	+ 8·054	−36·922	2·10	46.5428	8·8
*	8·159	+22·145	2·10	45.5527	8·6
...	8·943	− 8·517	− 5	...	...
†	9·102	−10·018	− 5	...	...
...	9·432	− 0·315	− 2	...	...
...	+11·571	−56·456	0·90	46.5430	10·0
...	11·752	+15·946	− 2	45.5528	10·3
...	12·441	+ 6·499	− 5	...	...
...	12·483	−26·184	− 2	...	...
...	12·626	− 4·504	0·70	45.5529	10·1
181–240					
181	′	′		°	
...	+12·912	+27·752	− 5	...	...
...	13·523	− 0·670	− 3	45.5530	10·3
...	13·708	−18·388	0 70	46.5431	10·3
...	13·800	+22·698	− 2	45.5531	10·2
...	13·950	−25·236	0·75	46.5432	10·2
...	+14·263	+57·190	0·70	44.5603	10·2
...	14·665	− 8·021	0·70	45.5532	10·2
†	14·822	+32·770	− 5	...	...
†	14·933	+17·866	0·80	45.5533	10·2
...	15·467	+36·386	− 4	...	...
191					
...	+15·599	−18·220	− 3	...	...
...	15·717	−19·323	− 1	46.5434	10·3
...	15·980	+27·732	0·65	45.5534	10·3
...	16·633	−43·688	− 5	*a*	...
...	17·080	−22·251	− 2	...	...
*	+17·792	+ 3·040	1·35	45.5535	9·5
...	17·872	−35·883	0·80	46.5435	10·3
*	18·362	−51·787	1·80	46.5437	9·1
...	18·464	−21·978	0·70	46.5436	10·2
...	18·996	+ 8·782	− 5	...	...
201					
...	+19·327	+59·136	− 4	...	...
†	19·875	+20·464	0·75	45.5536	10·2
...	20·502	+47·755	− 4	...	...
...	21·174	+45·189	− 4	...	...
...	21·293	+30·370	− 4	...	...
...	+21·755	+26·804	− 3	45.5537	10·3
...	21·991	+42·438	− 2	45.5538	10·3
...	22·315	+16·502	0·85	45.5539	10·1
...	22·339	−26·297	− 5	...	...
*	23·195	+38·940	1·35	45.5540	9·4
211					
...	+23·395	−33·784	− 2	46.5438	10·3
*	23·889	−50·380	2·10	46.5439	8·6
...	23·909	+ 0·741	0·85	45.5541	10·0
‡	24·446	+39·796	1·25	45.5542	9·5
...	24·531	−44·857	− 3	...	...
*	+25·659	−32·318	1·50	46.5440	9·1
...	25·824	−41·376	0·65	46.5441	10·3
*	26·266	−36·303	1·35	46.5442	9·4
...	26·296	+25·792	− 5	...	...
...	26·620	+15·691	0·80	45.5543	10·2
221					
...	+26·796	+22·759	− 3	45.5544	10·3
N* [	27·236	−23·326	1·80	46.5443	9·2
*	27·501	−45·188	2·70	46.5444	7·9
...	27·948	+ 4·447	− 4	...	...
...	28·068	+49·962	− 5	...	...
S*	+28·634	− 9·543	2·40	46.5445	8·3
...	28·811	+53·565	0·70	44.5612	10·2
...	29·708	−16·038	− 2	46.5446	10·3
...	29·841	−36·588	0·80	46.5447	10·2
*	30·547	−35·950	0·90	46.5448	10·0
231					
...	+30·554	+37·226	− 4	...	...
...	30·974	+53·687	0·85	44.5614	10·3
...	31·111	+ 8·395	− 3	...	...
*	31·959	−16·904	1·90	46.5449	9·0
*	32·102	+49·249	1·40	45.5545	9·4
...	+32·139	+38·481	0·65	45.5546	10·3
...	32·178	+46·472	0·70	45.5547	10·2
...	32·424	−16·856	0·80	46.5450	10·0
...	32·840	+39·384	− 4	...	...
...	33·195	−29·642	− 4	*a*	...
241–300					
241	′	′		°	
...	+33·579	−38·495	− 4	...	...
...	34·188	+58·645	− 1	44.5616	10·2
...	34·445	+23·221	− 4	...	...
‡	34·942	+48·092	3·40	45.5548	7·4
...	36·360	−31·323	− 4	...	...
...	+36·595	+42·337	− 4	...	...
...	36·767	+ 5·328	− 4	...	...
...	37·005	+25·255	− 1	...	...
...	37·490	− 3·533	− 4	...	...
...	37·563	+ 9·971	− 5	...	...
251					
...	+38·119	+30·410	− 4	...	...
...	38·134	+26·483	− 3	...	...
*	38·246	+55·711	1·40	44.5620	9·5
...	38·262	− 0·812	− 5	...	...
*	38·277	+ 1·633	1·70	45.5550	9·1
...	+38·350	+32·837	0·90	45.5549	10·0
...	38·829	−27·020	0·90	46.5451	10·2
...	39·350	+38·806	− 1	...	...
...	39·528	+20·240	− 4	...	...
...	40·146	+16·848	− 3	...	...
261					
...	+40·146	−15·657	− 4	...	...
...	40·521	+ 4·737	− 2	...	...
*	41·634	−19·298	1·20	46.5453	9·6
...	41·837	+ 8·729	− 4	...	...
...	42·114	−34·098	0·70	46.5454	10·3
†	+42·428	− 0·065	− 4	α	...
...	43·220	+12·305	− 2	...	...
*	43·385	−12·542	0·90	46.5455	9·8
*	43·761	+15·804	1·20	45.5552	9·6
...	44·027	+12·065	0·65	...	...
271					
...	+44·150	+48·759	1·00	45.5551	10·0
...	44·242	−22·512	− 3	...	...
...	44·904	+41·171	− 4	...	...
...	45·459	+ 3·551	− 3	...	...
...	45·865	+15·200	− 3	...	...
...	+46·073	+36·169	− 5	...	...
...	46·314	−39·697	− 3	...	...
...	46·696	−26·796	− 2	...	...
...	46·825	−33·946	− 5	*b*	...
...	46·994	−43·060	− 2	...	...
281					
...	+47·447	+36·638	0·90	45.5553	10·2
...	47·615	−12·824	− 5	*b*	...
...	47·744	− 7·213	0·90	45.5554	10·0
...	47·853	+10·246	− 5	...	...
...	48·478	+45·967	− 2	...	...
...	+48·630	+39·060	0·90	45.5555	10·2
...	49·640	+12·003	− 3	...	...
S ‡	49·685	+ 1·455	1·25	45.5556	9·6
...	50·257	−12·417	− 4	...	...
...	50·502	−36·558	− 4	...	...
291					
...	50·812	−55·178	− 3	46.5457	10·3
...	50·864	− 3·404	− 5	...	...
...	51·301	+11·335	− 4	...	...
...	51·333	−39·339	− 3	...	...
S*	51·437	+34·183	2·90	45.5557	7·8
S*	+52·322	−39·042	1·80	46.5458	8·8
‡	52·690	+44·747	2·90	45.5558	8·0
...	53·290	+25·188	− 5	...	...
...	55·275	+58·051	0·95	44.5639	10·0
...	55·395	+17·217	− 3	...	...

222. Mass.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−5.	No.	Mag.
301–310					
301	′	′		°	
...	+55·944	−41·394	− 4	e	...
*	55·981	+27·973	1·60	45.5559	9·4
...	56·366	+48·644	− 5	...	...
...	56·701	−12·541	− 1	46.5459	10·3
...	57·164	−58·663	− 5	...	...
...	+57·373	+18·487	− 3	...	...
...	57·461	+12·280	0·85	45.5560	10·2
...	57·757	−44·069	− 4	...	...
...	58·342	−51·893	0·95	46.5460	10·1
*	58·416	− 0·931	2·00	45.5561	8·8
311					
311	′	′		°	
†	+59·756	+51·165	− 2	45.5562	10·2

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	...	No.	Mag.

1-40					
1	′	′		°	
...	−60·131	−32·398	− 5	M	...
...	59·265	−22·738	− 3	...	...
...	59·262	+35·959	− 5	...	...
...	58·857	+ 3·329	− 3	...	...
...	58·833	+14·988	− 3	...	...
...	−57·926	+36·463	0·90	45.5553	10·2
...	57·190	+45·835	− 3	...	...
...	56·825	+38·926	0·90	45.5555	10·2
...	56·666	−26·969	− 3	...	...
...	56·657	−39·856	− 3	...	...
11					
*	−56·241	− 7·355	1·00	45.5554	10·0
...	55·874	−43·208	− 3	...	...
...	54·953	+11·911	− 3	...	...
S*	54·577	+ 1·382	1·20	45.5556	9·6
S*	53·850	+34.139	2·80	45.5557	7·8
...	−53·573	−12·477	− 4	...	...
...	53·284	+11·294	− 4	...	...
...	53·242	− 3·457	− 5	...	...
*	52·927	+44·729	2·90	45.5558	8·0
...	52·561	−36·589	− 5	...	...
21					
...	−52·367	−25·622	− 4	B	...
...	51·684	−55·187	− 3	46.5457	10·3
...	51·661	−39·352	− 4	...	...
...	50·753	+58·093	1·00	44.5639	10·0
S*	50·683	−39·024	1·80	46.5458	8·8
...	−50·011	− 9·913	− 4	...	...
...	49·370	+48·742	− 4	...	...
...	49·362	+17·288	− 2	...	...
*	49·109	+28·060	1·30	45.5559	9·4
...	47·425	+18·634	− 2	...	...
31					
...	−47·355	+26·519	− 5	...	...
...	47·250	−10·146	− 5	M	...
...	47·142	+12·435	0·80	45.5560	10·2
...	47·126	−12·412	− 1	46.5459	10·3
...	46·990	−41·267	− 4	E	...
...	−46·621	− 2·650	− 4	A	...
...	46·080	+51·361	0·65	45.5562	10·2
*	45·766	− 0·745	1·80	45.5561	8·8
†	45·224	−58·481	− 3	...	...
...	45·117	+15·574	− 5	...	...
41-80					
41	′	′		°	
....	−45·090	−43·865	− 2	...	...
†	44·736	−15·022	− 5	M	...
....	44·279	−51·669	0·95	46.5460	10·1
...	44·254	+20·649	− 4	...	...
...	44·035	+40·009	− 4	...	...
...	−42·408	+21·418	− 2	...	...
...	42·187	−35·740	− 4	A	...
...	42·018	+38·932	− 2	...	...
...	41·862	+31·671	− 3	...	...
*	40·709	+23·860	0·95	45.5563	10·1
51					
...	−40·338	−43·092	− 2	...	...
...	40·057	−27·574	0·75	46.5462	10·3
....	39·895	+24·470	0·65	...	...
...	39·553	−30·537	− 4	A	...
...	38·959	+35·480	0·85	45.5564	10·0
...	−38·601	−42·623	− 1	46.5464	10·3
...	38·563	−47·726	− 2	46.5463	10·3
...	38·542	−45·613	0·85	46.5465	10·2
*	38·501	+25·809	1·30	45.5565	9·6
...	38·336	−32·616	0·85	46.5466	10·2
61					
...	−38·274	+42·033	− 5	...	...
...	38·200	−44·725	− 3	...	...
*	37·994	−20·613	1·80	46.5468	8·8
...	37·984	− 9·444	0·70	46.5467	10·1
...	37·192	+ 7·049	− 1	45.5566	10·3
†	−35·278	+21·348	− 3	...	...
...	35·221	−37·958	− 4	A	...
...	34·739	−32·972	0·80	46.5469	10·2
...	34·584	− 1·437	− 3	...	...
...	34·495	−17·066	− 3	46.5470	10·3
71					
...	−33·628	−38·273	0·75	46.5472	10·3
*	32·820	−11·827	1·00	46.5473	9·8
...	32·774	+44·991	− 4	...	...
...	32·647	−35·849	− 5	M	...
...	32·644	−42·568	− 5	M	...
...	−32·478	− 9·936	− 5	M	...
...	32·298	−43·893	− 4	A	...
...	32·152	+59·599	− 5	...	...
...	31·941	−28·306	− 2	...	...
...	31·875	−29·840	− 2	...	...
81-120					
81	′	′		°	
...	−31·864	+44·394	0·90	45.5567	10·2
*	31·330	+22·157	1·50	45.5568	9·1
S*	30·948	+54·195	2·40	44.5651	7·8
*	30·783	−30·167	1·60	46.5475	9·2
n	30·635	−56·287	− 3	46.5474	10·3
...	−30·615	− 9·859	0·80	46.5476	10·3
...	30·611	+51·389	− 3	...	...
...	30·605	+18·026	− 4	...	...
*	30·601	+12·104	2·20	45.5569	8·3
n	30·509	−56·023	− 3	46.5474	10·3
91					
*	−30·433	− 6·675	1·00	45.5570	9·6
...	29·855	+ 2·858	− 4	...	...
*	29·828	+13·421	1·25	45.5571	9·5
...	29·089	−40·032	− 2	46.5477	10·3
...	28·494	−43·900	− 3	...	...
...	−28·438	−35·043	− 5	...	...
*	27·986	−32·071	1·30	46.5478	9·6
...	27·908	−46·457	− 2	...	...
...	27·462	−48·125	− 5	...	...
...	27·196	+36·392	− 2	45.5572	10·2
101					
...	−26·741	+42·224	0·70	45.5574	10·2
*	26·664	+23·108	1·05	45.5573	9·6
...	26·348	− 4·619	− 5	...	...
...	26·213	−58·779	0·75	46.5479	10·3
...	26·056	+36·631	0·70	45.5575	10·2
...	−25·755	− 1·935	− 3	45.5576	10·2
*	25·191	+54·616	1·30	44.5657	9·4
...	25·074	−46·548	− 5	M	...
*	24·466	+31·353	1·70	45.5578	9·2
*	24·362	− 3·003	0·90	45.5577	10·1
111					
S*	−24·074	− 0·718	1·40	45.5579	9·1
...	23·685	+ 2·827	0·90	45.5580	10·0
...	23·148	−45·957	0·70	46.5480	10·2
...	22·955	+21·283	− 5	...	...
...	22·920	−32·040	− 3	...	...
...	−22·847	−26·630	− 4	...	...
...	22·791	−44·364	0·65	46.5481	10·3
...	22·591	+50·725	− 5	...	...
...	22·340	−35·122	− 4	...	...
...	22·161	−47·816	− 4	A	...

MC measured from 1, 170.
ES „ „ 92, 270.

85, 90. C.P.D., probably mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
121–180					
121					
...	−22′·082	+47′·047	− 5	° ...	...
†	21·771	+44·807	− 5	...	...
...	21·724	−51·262	− 5	M	...
...	20·929	+58·364	− 5	...	...
*	19·096	+49·334	2·00	45.5581	8·6
...	−18·815	−59·358	− 4	...	...
...	18·335	+40·405	− 1	...	...
...	17·720	−43·938	− 4	...	...
...	17·379	+14·290	− 2	45.5582	10·3
*	17·085	−42·360	1·20	46.5482	9·5
131					
...	−16·649	+26·138	− 1	...	...
*	16·425	+14·224	1·10	45.5583	9·8
...	16·088	− 2·574	− 5	...	...
...	15·651	+14·152	− 3	45.5584	10·3
...	15·245	−21·997	− 5	M	...
...	−14·470	+56·613	− 4	...	...
...	14·337	−30·312	− 5	M	...
*	13·735	−33·352	1·70	46.5483	9·1
...	13·588	−33·560	0·75	46.5484	10·2
...	13·472	+53·062	0·65	44.5666	10·3
141					
...	−13·028	+ 1·593	− 4	...	...
...	11·727	+54·665	− 2	...	...
...	11·561	−19·161	0·70	46.5486	10·1
...	10·196	+15·250	0·75	45.5585	10·2
...	9·678	−20·062	− 4	...	...
*	− 9·657	+27·047	0·90	45.5586	10·1
...	9·400	−32·845	− 1	46.5487	10·3
...	8·622	+ 7·058	− 4	...	...
*	8·397	+58·579	1·70	44.5671	9·0
...	8·292	−17·161	− 5	M	...
151					
...	− 6·731	−31·308	− 4	A *m*	...
...	6·708	+56·835	− 5	...	...
*	6·586	+ 5·709	1·60	45.5587	9·4
...	6·289	+ 3·574	− 5	*m*	...
...	6·119	−19·388	− 4	46.5488	10·3
†	− 5·279	+39·828	− 4	...	...
...	5·256	−23·375	− 3	...	...
*	3·279	+54·614	1·35	44.5673	9·5
*	3·138	+26·022	1·80	45.5588	9·0
...	2·844	−32·198	− 4	...	...
161					
...	− 2·563	+29·695	− 1	45.5589	10·3
*	2·532	−17·432	0·90	46.5490	10·0
...	2·312	+28·927	− 2	45.5590	10·3
*	1·965	+42·223	1·30	45.5591	9·6
...	1·472	+49·975	− 5	*m*	...
...	− 0·995	−56·461	− 5	...	...
...	0·968	+46·897	− 2	45.5592	10·3
...	0·802	+41·312	− 5	...	...
...	0·775	+25·899	− 5	...	...
*	− 0·305	+42·719	0·90	45.5593	10·2
171					
...	+ 0·516	−43·309	− 3	...	...
...	0·773	−49·962	− 3	...	...
...	1·323	− 5·627	− 5	A *m*	...
*	1·857	− 5·616	1·00	45.5594	9·6
...	2·047	+53·252	− 2	...	...
...	+ 2·678	−46·913	− 1	46.5491	10·3
...	2·928	−36·750	− 2	...	...
...	3·090	+17·099	− 4	...	...
...	3·133	+51·902	− 2	...	...
...	3·448	+32·729	− 2	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
181–240					
181					
...	+ 3′·639	− 3′·108	− 4	Å *m*	...
...	3·721	−15·776	− 4	...	...
...	3·840	−22·869	− 4	*m*	...
...	3·859	+39·794	− 2	...	...
*	4·103	−15·179	0·95	46.5492	9·6
...	+ 4·506	+46·653	− 5	...	...
...	5·172	+57·228	− 4	...	...
...	6·295	−15·130	− 4	B *m*	...
S*	6·392	+29·725	2·00	45.5595	8·8
...	6·595	+28·650	− 1	...	...
191					
...	+ 6·637	−18·776	− 3	...	...
S*	6·639	−40·336	2·20	46.5493	8·5
...	6·961	−39·756	− 5	M *m*	...
...	7·309	−26·065	− 4	...	...
...	7·551	+55·692	− 2	44.5683	10·3
...	+ 7·823	−11·850	− 3	M	...
...	7·890	− 3·509	− 1	45.5596	10·3
...	8·114	+46·464	− 2	45.5597	10·2
...	8·256	+ 2·595	− 4	*b*	...
SN*	8·268	+51·886	5·30	44.5685	5·7
201					
...	+ 8·932	−17·281	− 5	...	...
...	9·268	+54·739	− 5	...	...
...	9·452	−20·401	− 3	...	...
...	9·622	+45·407	− 2	45.5598	10·3
...	9·891	+25·753	− 4	...	...
*	+10·160	−38·989	0·90	46.5494	9·8
...	10·360	−20·673	− 4	...	...
...	10·818	+38·385	0·70	45.5599	10·3
...	10·896	+58·474	0·95	44.5686	10·1
...	10·944	+52·747	− 4	...	...
211					
...	+11·310	−13·819	− 5	*m*	...
...	11·381	−21·040	− 1	46.5495	10·3
...	11·397	+45·791	− 5	...	...
...	11·838	−18·540	− 4	...	...
...	12·186	+46·336	− 4	...	...
...	+12·688	−23·703	− 2	46.5496	10·3
...	13·012	−22·824	− 3	...	...
...	13·625	+11·741	− 4	...	...
...	14·021	+ 0·740	− 2	45.5600	10·3
*	14·193	+18·651	2·30	45.5601	8·4
221					
*	+14·202	+19·560	1·90	45.5602	8·5
...	14·699	+10·854	− 1	45.5603	10·3
...	15·234	+30·382	− 1	45.5604	10·3
*	16·859	−19·670	1·60	46.5497	9·4
...	16·888	+22·171	− 3	...	...
...	+17·796	+14·369	− 3	...	...
...	17·934	+42·790	− 3	...	...
...	18·094	− 4·920	− 3	...	...
...	18·259	−42·421	− 3	...	...
*	19·115	+ 0·827	1·00	45.5605	9·6
231					
S*	+19·364	−55·094	1·80	46.5498	8·8
*	20·049	+58·346	0·95	44.5689	10·0
...	20·108	+18·474	− 3	45.5606	10·3
*	20·163	−37·158	1·80	46.5499	8·8
...	20·294	+17·117	− 4	*b*	...
*	+20·730	−41·613	1·00	46.5500	10·0
...	20·789	+15·124	− 5	...	...
...	20·898	−52·960	0·85	46.5501	10·3
‡	21·000	+54·851	1·40	44.5690	9·4
...	21·011	−43·012	− 4	*b*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
241–300					
241					
...	+21′·439	−34′·332	− 3	° ...	...
...	22·130	−41·142	− 3	*a*	...
...	22·940	+ 9·988	− 4	*a*	...
...	23·062	+35·870	− 3	45.5607	10·2
...	23·146	−36·313	− 3	...	...
...	+23·368	+58·352	− 2	44.5693	10·3
...	23·599	+27·028	− 2	...	...
*	23·746	+54·640	1·10	44.5695	9·6
...	24·049	−17·283	− 2	...	...
*	24·223	+16·449	1·50	45.5608	9·4
251					
...	+24·347	−10·388	0·85	46.5504	10·3
...	24·370	+36·087	− 2	...	...
*	25·083	+12·854	2·40	45.5609	8·2
...	25·322	−55·732	− 4	*a*	...
...	25·704	− 8·569	− 4	*a*	...
...	+26·002	−45·072	− 4	*b*	...
...	26·696	+14·617	0·75	45.5610	10·0
*	27·270	+38·309	1·00	45.5611	9·6
...	27·556	+14·570	− 4	...	...
...	27·756	+58·401	0·80	44.5699	10·3
261					
...	+27·896	−15·411	0·65	46.5505	10·3
...	27·915	+20·687	− 4	...	...
...	28·045	−19·736	− 2	...	...
...	28·353	+39·141	− 4	*a*	...
...	29·099	+27·482	0·90	45.5612	10·0
S *	+29·155	− 2·751	2·00	45.5613	8·5
...	29·277	−55·634	− 1	46.5507	10·3
...	29·337	−39·466	− 5	*m*	...
†	29·473	+43·147	− 4	...	...
†	29·539	−39·081	− 3	*a*	...
271					
...	+30·169	+49·502	− 4	...	...
*	30·310	−25·225	1·20	46.5508	9·6
...	30·636	−54·358	− 5	*m*	...
†	31·043	−29·914	− 4	*a*	...
*	31·590	+34·236	2·00	45.5614	8·8
*	+31·717	+ 3·747	1·25	45.5615	9·4
*	32·182	−42·146	0·95	46.5509	9·8
...	32·785	+ 0·530	− 5	*b*	...
...	33·151	+34·194	− 2	...	...
...	33·574	−41·158	0·70	46.5510	10·2
281					
...	+33·719	−43·738	− 3	...	...
...	33·732	+32·578	− 4	...	...
*	33·782	−33·825	0·95	46.5511	10·0
...	33·941	+18·815	− 3	...	...
...	34·138	+51·708	0·80	44.5702	10·0
...	+34·297	+21·683	− 3	...	...
...	34·574	+ 7·147	− 5	*b*	...
...	34·849	+18·473	− 5	...	...
...	35·657	+31·185	− 2	...	...
...	35·722	+ 3·259	− 4	...	...
291					
...	+36·130	+42·797	− 2	45.5616	10·3
...	36·337	− 9·201	− 3	...	...
*	36·617	−22·785	1·00	46.5512	9·5
...	36·921	−32·033	− 5	*m*	...
...	36·921	− 2·118	− 3	*a*	...
‡	+37·037	−19·995	0·85	46.5514	10·1
...	37·377	−59·748	− 4	...	...
*	37·924	−32·673	1·15	46.5515	9·6
...	38·194	+ 5·238	− 3	45.5617	10·3
...	38·421	−37·916	− 5	*m*	...

200. Remeasure 1914, $y = 51'{\cdot}900$.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
301–330					
301				°	
‡	+38′458	−44′821	1·25	46.5516	9·2
S *	38·672	+57·861	2·05	44.5705	8·5
†	38·974	− 4·946	0·65	45.5618	10·2
...	39·604	−24·611	− 4	...	...
...	39·989	+ 5·113	0·65	45.5619	10·3
...	+40·313	+13·510	0·65	45.5620	10·3
...	41·091	+16·986	− 4	...	...
...	41·448	−59·592	− 5	...	...
...	41·834	−24·219	0·75	46.5517	10·0
...	42·268	−28·014	− 3	...	...
311					
...	+42·368	+10·320	0·75	45.5621	10·1
...	42·401	+ 9·448	0·80	45.5622	9·8
...	42·659	−58·639	− 4	*a*	...
...	42·871	+28·376	0·75	45.5623	10·1
*	43·627	+11·008	1·50	45.5624	9·1
...	+43·699	+ 9·166	0·70	45.5625	10·3
...	43·866	−16·307	− 5	*m*	...
...	43·980	+26·656	0·65	45.5626	10·3
...	44·568	− 7·165	− 5	*m*	...
‡	44·596	+19·691	2·00	45.5627	8·4
321					
*	+44·908	+19·185	1·05	45.5628	9·4
...	45·438	+41·342	− 4	...	...
*	45·994	−32·290	0·90	46.5519	10·0
*	46·706	+15·238	0·85	45.5629	10·0
*	46·710	−17·480	1·30	46.5520	9·4
...	+46·731	−21·191	− 5	*m*	...
...	47·067	−45·608	− 4	*e*	...
*	47·095	+28·988	3·00	45.5630	7·4
*	47·132	− 3·011	0·95	45.5633	9·6
*	47·256	+ 8·385	0·90	45.5632	9·8

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
331–360					
331				°	
...	+47′384	+ 4′704	− 5	*a*	...
...	47·403	+13·377	0·75	45.5631	10·2
...	47·838	−52·219	0·65	46.5521	10·3
...	48·550	− 4·197	− 5	*e*	...
...	48·917	−41·925	− 3	...	...
...	+49·196	−44·458	− 5	*m*	...
...	49·592	−34·848	− 3	*e*	...
†	49·840	+44·853	0·90	45.5634	10·0
*	50·670	+32·131	2·40	45.5635	8·2
...	51·483	+ 7·294	0·80	45.5636	10·2
341					
...	+51·488	−29·263	− 3	46.5523	10·3
...	52·082	−23·309	− 5	*m*	...
*	52·170	+30·890	2·00	45.5637	8·8
...	52·693	+20·742	0·85	45.5638	10·1
S *	53·862	−38·416	1·50	46.5524	9·4
*	+54·049	+31·779	1·00	45.5640	9·8
...	54·135	+55·570	− 5	...	...
...	54·277	+42·087	0·75	45.5639	10·3
...	54·293	−21·443	− 3	...	...
*	54·884	+15·791	0·95	45.5641	9·8
351					
...	+55·071	−30·962	− 4	46.5525	10·3
...	55·855	−41·600	− 5	*e*	...
...	56·060	−32·213	0·65	46.5526	10·3
...	56·191	+ 6·436	0·75	45.5642	10·2
*	56·423	−57·755	1·60	46.5528	9·5
...	+56·511	−42·766	1·00	46.5527	10·1
S *	56·712	+ 4·811	2·70	45.5643	7·4
...	57·134	−26·033	− 5	*e*	...
...	57·290	−25·156	− 4	...	...
*	57·496	−53·675	1·35	46.5529	9·6

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
361–365					
361				°	
*	+57′786	+16′482	0·90	45.5644	10·0
...	58·065	− 7·057	− 4	...	...
...	58·736	−47·916	− 4	*e*	...
...	58·958	−49·346	− 5	...	...
...	59·184	− 5·510	− 3	...	...

1–20					
1				°	
*	−58′020	+28′810	3·50	45.5630	7·4
†	57·974	+15·041	0·85	45.5629	10·0
...	57·247	+13·206	0·70	45.5631	10·2
*	57·235	+ 8·220	1·10	45.5632	9·8
*	57·208	−32·487	1·20	46.5519	10·0
*	−56·985	− 3·181	1·05	45.5633	9·6
*	56·964	−17·647	1·80	46.5520	9·4
...	55·778	+44·743	1·00	45.5634	10·0
...	55·724	−45·760	− 5	E	...
...	55·525	− 4·319	− 5	E	...
11					
...	−54·747	−52·333	− 4	46.5521	10·3
*	54·536	+32·069	2·60	45.5635	8·2
...	53·988	−42·016	− 4	...	...
...	53·528	−34·921	− 4	E	...
*	53·020	+30·870	2·00	45.5637	8·8
...	−52·973	+ 7·254	0·85	45.5636	10·2
...	52·185	+20·739	0·85	45.5638	10·1
...	51·813	−29·279	− 4	46.5523	10·3
...	51·243	+42·129	0·75	45.5639	10·3
*	51·156	+31·815	1·25	45.5640	9·8

21–40					
21				°	
‡	−49′820	+15′860	1·00	45.5641	9·8
...	49·258	−21·364	− 4	...	...
S *	49·172	−38·352	1·40	46.5524	9·4
...	48·235	+ 6·562	0·70	45.5642	10·2
...	48·189	−30·863	− 4	46.5525	10·3
S *	−47·650	+ 4·944	2·50	45.5643	7·4
...	47·150	−32·081	0·75	46.5526	10·3
...	47·061	−41·488	− 5	E	...
*	46·950	+16·633	1·00	45.5644	10·0
...	46·373	−42·629	1·05	46.5527	10·1
31					
...	−46·280	−25·884	− 4	E	...
...	46·141	−24·995	− 4	...	...
*	45·996	−57·603	1·60	46.5528	9·5
*	45·034	−53·495	1·35	46.5529	9·6
†	44·871	− 5·285	− 5	...	...
...	−44·137	+ 9·764	− 4	...	...
...	43·978	−47·682	− 4	E	...
...	43·718	−49·120	− 4	...	...
...	43·384	− 8·096	− 3	45.5645	10·3
...	43·248	− 4·819	− 5	...	...

41–60					
41				°	
...	−43′220	+44′518	− 3	...	...
... [	42·120	+18·087	− 5	B	...
... [	42·070	+18·107	− 4	A	...
...	41·744	+ 4·542	− 3	...	...
...	41·486	+ 0·775	− 5	M	...
...	−40·891	+ 6·927	− 4	D	...
*	40·800	+ 8·223	1·60	45.5646	9·2
...	40·424	+51·618	− 5	...	...
...	40·229	−20·822	− 5	M	...
...	40·136	−36·008	− 5	M	...
51					
*	−40·100	−37·502	1·70	46.5530	9·4
...	40·087	+49·436	− 3	45.5647	10·6
...	38·932	+33·844	− 4	...	...
...	38·769	−17·410	− 5	M	...
...	38·379	−26·657	− 5	...	...
...	−38·375	−39·948	− 3	46.5532	10·3
...	38·214	− 3·436	0·85	45.5648	10·2
...	38·205	−56·781	0·70	46.5531	10·3
...	37·577	+21·987	− 5	...	...
...	37·042	−33·748	− 2	...	...

ES measured from 1, 147.
MC ,, ,, 79, 215.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−4.	No.	Mag.
61–120					
61					
...	−36′973	−12′928	− 5	°M	...
...	36·629	+ 2·800	− 5	A	...
...	35·938	−41·714	− 3	46.5533	10·3
...	35·533	− 4·025	0·65	45.5649	10·6
...	35·434	−47·622	0·95	46.5534	10·1
...	−35·270	−24·376	− 3	...	...
...	34·979	−36·464	− 5	M	...
...	34·412	−38·805	− 5	M	...
...	34·354	+16·792	− 3	45.5650	10·6
...	33·909	+55·342	− 5	...	...
71					
...	−33·815	− 5·945	− 1	45.5651	10·6
...	33·310	+34·247	− 5	A	...
...	32·987	−52·248	− 3	...	...
...	32·848	−40·188	− 5	...	...
*	30·899	−25·703	1·15	46.5535	9·8
†	−30·750	+29·963	− 5	...	...
...	30·530	+26·857	− 2	45.5652	10·6
†	30·196	−39·839	0·80	46.5536	10·0
...	28·166	+41·688	0·75	45.5653	10·3
...	27·911	+37·957	− 1	45.5654	10·5
81					
...	−27·882	−48·457	− 1	46.5537	10·3
‡	27·678	− 9·863	1·00	46.5538	9·6
...	27·537	−20·047	− 4	A	...
α †	26·956	+ 0·147	− 3	45.5655	10·6
...	26·642	+29·031	0·85	45.5656	10·0
...	−26·471	−53·192	− 2	46.5539	10·3
...	25·523	−46·658	− 2	46.5540	10·3
...	24·258	−27·851	− 3	46.5541	10·3
*	23·503	−39·033	1·20	46.5542	9·6
S *	23·493	+28·716	1·50	45.5657	9·1
91					
...	−22·782	−53·092	− 1	46.5543	10·3
...	22·688	−28·583	− 3	46.5544	10·3
*	21·993	− 0·627	1·60	45.5658	9·0
...	21·689	−11·447	− 4	...	...
...	21·115	+ 1·188	− 1	45.5659	10·6
...	−20·905	−21·812	− 1	46.5545	10·3
...	20·747	+ 1·135	− 3	45.5660	10·6
...	20·602	−28·244	− 4	46.5546	10·3
...	20·360	+54·684	− 2	44.5737	10·5
...	20·319	+13·985	0·80	45.5661	10·3
101					
...	−20·249	+ 7·793	0·75	45.5662	10·2
...	20·112	+35·125	− 4	...	...
...	19·590	+36·296	− 5	...	...
...	19·158	+51·364	− 2	45.5663	10·6
S *	18·851	−49·597	1·00	46.5547	9·6
...	−18·052	+32·159	− 1	45.5664	10·6
...	16·433	+39·028	1·00	45.5665	9·9
...	16·431	−40·480	− 4	...	...
...	16·338	+18·741	− 2	45.5666	10·6
...	15·876	+47·777	− 3	45.5667	10·6
111					
...	−15·747	+47·337	0·80	45.5668	10·0
...	15·380	−17·659	− 4	...	...
S ‡	14·984	−11·190	2·70	46.5549	7·6
...	14·861	−45·961	− 3	46.5548	10·6
...	14·119	− 7·448	− 4	...	...
...	−13·672	−26·472	− 3	46.5550	10·6
...	13·456	−50·524	0·85	46.5551	10·0
...	13·179	−48·974	0·65	46.5552	10·2
...	12·385	−28·794	− 1	46.5553	10·3
*	11·630	+ 1·844	1·40	45.5669	9·4

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−4.	No.	Mag.
121–180					
121					
...	−11′537	−34′678	− 1	46.5554	10·4
...	11·356	−58·318	− 5	M	...
...	11·069	+ 9·774	− 3	45.5670	10·6
†	9·979	−33·383	− 5	...	...
...	9·083	+ 7·985	− 4	45.5671	10·6
...	− 8·818	+ 3·735	0·85	45.5672	9·9
...	8·728	−20·454	0·90	46.5555	9·9
S *	8·601	+44·119	2·10	45.5673	8·2
...	8·351	+19·502	− 3	45.5674	10·6
...	8·161	−33·464	− 3	46.5556	10·6
131					
...	− 7·622	−19·016	− 3	46.5557	10·6
...	6·802	+ 7·704	− 1	45.5675	10·4
*	6·741	+ 3·914	2·20	45.5676	8·1
...	6·252	−58·464	1·10	46.5558	9·9
*	5·575	−33·147	1·00	46.5559	9·8
...	− 5·090	+53·401	− 5	...	...
*	4·649	+30·784	1·30	45.5677	9·5
...	4·253	+26·314	− 2	45.5678	10·5
...	3·412	+38·948	0·85	45.5679	10·2
...	3·363	−38·533	− 5	M	...
141					
...	− 2·839	−14·324	0·90	46.5560	9·9
...	2·738	−11·798	− 3	46.5561	10·6
...	2·408	+34·250	− 5	A *m*	...
...	2·328	−55·841	− 2	46.5562	10·6
...	1·046	+36·751	0·95	45.5680	10·0
...	− 0·216	+27·966	0·70	45.5681	10·3
...	+ 0·335	−35·096	− 5	M	...
...	0·777	−14·538	− 3	46.5564	10·6
...	1·262	−27·187	− 5	M	...
...	1·452	+41·021	− 5	M	...
151					
*	+ 2·574	+ 9·819	1·35	45.5682	9·6
...	3·208	+50·649	− 3	45.5683	10·6
†	3·326	+49·953	− 2	45.5684	10·4
...	4·841	+58·226	− 1	44.5746	10·6
...	5·440	+44·565	− 4	45.5686	10·6
*	+ 5·472	+22·077	1·60	45.5685	9·4
*	5·907	+59·279	1·40	44.5748	9·7
...	7·349	−18·232	− 3	M	...
*	7·613	−44·211	1·00	46.5568	9·9
*	7·750	−47·954	1·00	46.5569	10·0
161					
...	+ 8·521	+45·854	− 3	...	...
...	8·796	+35·829	− 5	...	...
*	8·962	+48·382	1·00	45.5687	9·8
* [	8·985	+50·444	1·50	45.5688	9·5
...	9·030	−22·910	− 2	46.5570	10·6
†	+ 9·162	+25·103	− 4	...	...
...	9·291	+53·347	0·80	44.5751	10·5
*	10·190	+15·288	1·10	45.5689	9·9
...	10·216	− 1·270	− 5	...	...
...	10·558	+46·855	− 4	...	...
171					
*	+10·948	+26·964	1·80	45.5690	9·0
...	11·280	−56·230	− 5	...	...
...	11·302	+44·759	0·75	45.5691	10·2
*	11·597	−18·244	1·10	46.5571	9·7
...	11·882	+26·768	− 3	45.5692	10·6
...	+12·294	−59·500	− 5	...	...
*	12·331	+46·140	1·60	45.5693	9·4
*	12·594	+46·985	1·60	45.5694	9·2
...	12·646	+26·551	− 3	45.5695	10·6
...	13·491	−10·998	1·15	46.5572	9·8

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−4.	No.	Mag.
181–240					
181					
...	+14′600	−46′251	0·90	46.5573	10·0
S *	15·125	+13·063	1·80	45.5696	8·8
...	15·502	−36·470	− 2	46.5574	10·5
...	15·877	+30·980	− 3	45.5697	10·6
*	16·133	−12·612	1·40	46.5575	9·4
...	+16·693	−47·932	0·65	46.5576	10·2
...	17·209	−21·881	− 3	46.5577	10·6
...	17·214	−36·715	− 2	46.5578	10·4
S *	17·432	−31·014	4·30	46.5579	7·0
*	17·581	+51·181	2·00	45.5698	8·8
191					
...	+18·474	+30·185	− 4	...	...
...	18·973	−32·052	0·65	46.5580	10·4
...	19·089	−52·260	− 4	...	...
...	19·298	+49·529	− 5	...	...
†	19·893	+43·624	− 2	45.5699	10·5
...	+20·307	−44·317	0·75	46.5581	10·2
†	20·947	−24·858	0·70	46.5582	10·0
...	21·298	−12·258	− 5	46.5583	10·6
*	21·385	− 3·811	1·60	45.5700	9·4
*	22·279	−24·481	1·40	46.5584	9·4
201					
...	+22·330	+42·270	− 4	...	...
...	23·484	+20·410	− 3	45.5701	10·6
†	24·853	+32·368	− 5	...	...
...	25·190	+58·560	− 1	44.5761	10·6
...	25·381	−26·989	0·95	46.5585	9·6
...	+26·869	−32·741	0·85	46.5586	10·2
...	27·247	+55·808	0·65	44.5762	10·3
...	27·488	+30·900	− 3	45.5702	10·5
...	27·554	−38·013	− 3	...	...
...	27·615	−47·661	0·95	46.5587	10·2
211					
*	+28·181	−13·911	2·30	46.5588	8·0
...	29·384	+48·760	0·90	45.5703	10·2
...	29·679	−12·171	− 5	...	...
...	29·828	+ 5·253	− 4	45.5704	10·6
...	31·421	+29·180	0·90	45.5705	10·0
*	+32·086	−14·648	1·20	46.5590	9·4
...	32·130	− 5·625	0·95	45.5706	10·0
...	32·318	−47·570	− 3	46.5591	10·6
...	32·620	+ 4·294	− 4	...	...
...	32·637	−33·195	− 4	...	...
221					
...	+33·028	−30·694	− 4	...	...
...	33·193	+18·999	0·90	45.5707	10·0
...	33·613	+47·711	− 4	...	...
...	33·697	+25·767	− 4	...	...
*	33·895	−57·378	1·00	46.5593	10·0
...	+34·376	−18·706	− 4	...	...
...	34·422	− 1·300	0·90	45.5709	10·0
...	34·434	+42·525	0·90	45.5708	10·0
...	34·836	−18·480	− 4	...	...
...	35·343	−41·507	0·80	46.5594	10·2
231					
...	+36·430	−33·682	0·85	46.5595	10·0
...	36·535	+14·174	0·75	45.5711	10·2
...	36·761	+27·931	0·80	45.5710	10·0
...	36·856	−39·292	− 4	...	...
...	37·206	−52·845	− 2	46.5596	10·5
*	+37·282	+26·524	1·00	45.5712	9·7
...	37·823	+ 2·749	− 2	45.5713	10·6
...	38·357	− 6·817	− 1	45.5714	10·4
...	39·007	+24·540	− 1	45.5715	10·3
...	39·261	−57·887	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
241–260					
241					
...	+40·807	+29·160	− 2	45·5716	10·6
...	40·954	+18·402	0·80	45·5717	10·4
...	41·428	−39·515	− 4	46.5597	10·6
...	42·202	−39·361	− 4	46.5598	10·6
...	42·435	− 4·514	− 3	45·5718	10·6
...	+42·851	−41·176	− 1	46.5599	10·4
S *	43·214	+43·226	4·40	45.5719	7·3
...	43·368	+58·866	− 1	44.5770	10·2
*	43·979	+16·338	1·20	45.5720	9·4
†	44·571	+ 5·087	− 1	45.5721	10·4
251					
†	+44·966	−39·748	− 4	46.5600	10·6
...	44·977	+22·222	− 4	...	...
...	45·205	−31·347	1·00	46.5601	9·9
...	45·307	−54·829	− 3	46.5602	10·6
...	46·114	+42·674	− 4	...	...
...	+46·499	−26·346	0·90	46.5604	10·0
...	46·611	−25·752	− 5	...	...
S ‡	46·724	− 4·889	3·80	45.5722	7·4
...	48·837	−34·596	0·80	46.5605	10·0
...	49·072	+11·485	− 1	45.5724	10·6
261–280					
261					
...	+49·209	+33·974	− 4	45.5723	10·6
...	50·179	−22·430	0·90	46.5606	10·2
...	50·197	+28·521	− 3	...	...
*	50·338	+ 5·668	1·20	45.5725	9·5
...	51·370	+59·151	− 3	44.5772	10·6
S *	+51·768	−13·901	2·10	46.5607	8·2
...	52·162	+ 7·829	− 1	45.5727	10·5
...	52·261	− 4·332	0·90	45.5728	10·0
*	52·434	+30·169	1·40	45.5726	9·4
*	53·133	−45·173	1·40	46.5608	9·4
271					
...	+53·315	+50·513	− 3	45.5729	10·6
...	54·325	−15·439	− 4	...	...
...	54·415	+15·710	− 5	...	...
*	54·507	+58·429	1·80	44.5777	9·2
...	55·117	−41·232	− 4	46.5610	10·5
...	+55·121	−41·675	0·95	46.5611	10·0
...	55·224	+25·927	0·95	45.5730	9·9
...	55·413	− 3·497	0·80	45.5731	10·2
...	55·527	−33·303	− 1	46.5612	10·3
...	55·909	−54·186	1·00	46.5613	9·6
281–287					
281					
...	+56·378	+23·147	− 4	...	...
...	56·395	+39·551	− 4	...	...
...	56·479	+39·666	− 1	45.5732	10·0
...	56·761	+ 8·957	0·95	45.5733	10·0
...	57·279	−51·496	− 2	46.5614	10·2
†	+58·719	+44·925	− 3	45.5734	10·5
...	59·221	+40·493	1·00	45.5735	9·8

1–30					
1					
†	−59·810	+ 4·850	0·80	45·5721	10·4
...	59·780	+10·011	− 4	A	...
...	59·728	+14·000	− 3	...	...
...	59·196	−11·039	− 5	M	...
...	58·020	−31·553	1·00	46.5601	9·9
†	−58·008	−39·941	− 3	46.5600	10·6
S ‡	57·341	− 5·058	3·10	45.5722	7·4
...	57·268	−53·066	− 5	...	...
...	57·190	−55·021	− 1	46.5602	10·6
...	56·902	−26·501	0·90	46.5604	10·0
11					
...	−56·813	−25·913	− 3	...	...
...	56·079	+33·882	− 2	45.5723	10·6
...	55·743	−28·768	− 4	...	...
...	55·519	+11·393	0·65	45.5724	10·6
...	54·938	+28·450	− 1	...	...
†	−54·861	−17·472	− 4	...	...
...	54·730	+59·106	− 1	44.5772	10·6
...	54·638	+22·876	− 4	...	...
...	54·384	−39·711	− 4	...	...
...	54·291	−34·674	0·95	46.5605	10·0
21					
...	−54·252	+20·588	− 4	...	...
*	54·073	+ 5·617	1·10	45.5725	9·5
...	53·508	+13·502	− 3	...	...
...	53·342	−22·469	0·95	46.5606	10·2
*	52·749	+30·170	1·50	45.5726	9·4
...	−52·506	+50·534	− 2	45.5729	10·6
...	52·310	+ 7·827	0·75	45.5727	10·5
S *	52·018	−13·910	2·00	46.5607	8·2
...	51·828	− 8·884	− 4	M	...
*	51·825	− 4·320	0·90	45.5728	10·0
31–60					
31					
*	−51·560	+58·488	2·00	44.5777	9·2
...	51·533	−41·095	− 4	...	...
...	51·231	+34·214	− 4	B	...
...	50·314	+15·782	− 3	...	...
...	49·980	+18·750	− 4	...	...
‡	−49·811	+26·011	1·00	45.5730	9·9
*	49·683	−45·115	1·20	46.5608	9·4
...	49·680	−51·445	− 4	...	...
...	49·447	− 4·268	− 3	...	...
...	49·408	−15·349	− 2	...	...
41					
...	−49·297	+22·701	− 5	M	...
...	49·089	+39·687	− 3	...	...
...	48·987	+39·792	0·65	45.5732	10·0
...	48·951	+15·842	− 4	...	...
...	48·715	− 3·403	0·75	45.5731	10·2
...	−48·575	+23·270	− 2	...	...
...	48·451	−27·560	− 3	...	...
...	48·271	− 5·219	− 3	...	...
...	47·813	−41·115	− 1	46.5610	10·5
...	47·796	−41·555	0·90	46.5611	10·0
51					
*	−47·749	+ 9·099	0·90	45.5733	10·0
...	47·650	−33·174	0·75	46.5612	10·3
...	46·940	+45·153	− 1	45.5734	10·5
*	46·614	−54·044	1·10	46.5613	9·6
*	46·277	+40·716	0·90	45.5735	9·8
...	−46·064	+35·211	− 5	M	...
...	45·623	+ 3·437	− 3	...	...
...	45·341	−51·304	0·85	46.5614	10·2
...	45·189	+51·057	− 3	...	...
...	44·622	+22·770	− 2	...	...
61–90					
61					
...	−44·472	− 3·977	− 5	M	...
...	43·864	+17·674	− 3	...	...
...	43·515	−43·796	− 4	...	...
...	43·317	+44·350	− 4	A	...
...	43·026	−40·030	− 4	...	...
...	−42·894	−11·896	0·70	46.5616	10·5
...	42·563	+37·465	0·85	45.5737	10·0
*	42·181	+14·340	1·70	45.5736	8·8
...	41·901	−17·823	0·65	46.5617	10·6
...	41·792	+ 2·119	− 3	A	...
71					
...	−41·647	+33·980	− 5	...	...
...	41·517	+23·145	− 5	M	...
...	41·452	−19·863	− 2	...	...
...	41·445	+46·227	− 2	45.5738	10·6
†	41·217	− 4·982	− 3	...	...
...	−41·068	+31·346	0·80	45.5739	10·5
...	40·953	+ 2·701	− 3	...	...
S *	40·394	+47·468	1·15	45.5741	9·4
...	40·393	− 1·095	− 4	M	...
*	40·342	+33·177	0·95	45.5740	10·0
81					
...	−39·845	−23·048	− 4	A	...
...	39·127	+40·584	− 5	...	...
...	39·042	−14·203	− 4	...	...
...	38·978	−37·912	0·90	46.5618	10·3
...	38·800	−33·466	− 4	A	...
...	−38·565	+35·674	− 4	...	...
...	38·344	+47·630	− 5	...	...
...	37·917	− 3·086	− 4	...	...
...	37·839	+23·264	− 3	...	...
...	37·441	−37·935	− 5	M	...

MC measured from 1, 164, 348.
ES ,, ,, 81, 263, 448.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
91–150					
91					
...	−37·122	+18·006	− 3	...	...
...	36·934	+33·476	0·65	45·5742	10·6
*	36·755	+32·912	1·80	45·5743	9·0
...	36·580	+26·630	− 5	M	...
...	36·458	−37·864	− 5	M	...
...	−36·250	+41·672	0·70	45·5744	10·6
...	36·045	−10·576	− 3	...	...
...	36·017	+23·509	− 4	A	...
...	35·944	−34·371	− 5	M	...
...	35·632	+ 7·466	− 4	A	...
101					
...	−35·464	−22·510	− 2	46·5621	10·6
...	35·341	+16·510	− 4	A	...
*	35·322	−28·293	1·05	46·5622	9·8
...	35·179	−28·079	0·85	46·5623	10·0
...	35·129	+38·964	− 4	...	...
†	−34·958	+20·956	− 4	A	...
...	34·883	−30·456	− 4	...	...
...	34·602	+ 5·345	− 4	A	...
...	34·588	+ 8·039	− 5	M	...
...	33·495	+16·576	− 5	...	...
111					
*	−33·052	−58·259	1·35	46·5625	9·5
...	33·036	+47·415	0·65	45·5745	10·6
...	32·993	−36·372	− 4	...	...
...	32·410	− 6·917	0·90	45·5746	10·0
...	32·311	+10·048	− 5	M	...
...	−32·293	− 8·326	0·70	45·5747	10·4
...	32·258	−43·711	− 5	...	...
...	31·581	+28·575	− 3	...	...
*	31·341	+52·951	1·00	44·5789	10·0
...	31·137	+14·474	− 4	A	...
121					
...	−31·059	+55·157	− 5	...	...
...	30·727	−20·770	0·65	46·5626	10·6
†	29·971	−47·695	0·80	46·5627	10·3
*	29·853	−40·209	1·10	46·5628	9·4
...	29·252	+57·879	− 2	...	...
*	−29·171	+23·307	1·80	45·5748	9·0
...	29·165	−33·436	− 3	...	...
*	28·954	−32·216	0·85	46·5629	10·6
...	28·830	−21·781	0·70	46·5630	10·4
...	28·386	+ 7·150	− 3	...	...
131					
...	−27·983	−46·185	− 4	B	...
...	27·713	−29·830	− 5	...	...
...	27·677	−44·453	− 5	M	...
...	27·036	+59·676	− 2	...	...
...	26·680	−11·896	− 3	...	...
*	−26·364	+18·353	0·90	45·5749	10·0
...	25·273	+59·208	0·65	44·5794	10·6
...	25·210	+ 0·078	− 4	*β*	...
‡	25·038	−50·965	1·10	46·5631	9·6
‡ *	24·813	+ 9·049	1·30	45·5750	9·2
141					
...	−24·667	−46·279	− 5	...	...
...	24·647	−35·871	0·65	46·5632	10·3
*	24·226	−49·648	0·95	46·5633	10·0
...	24·203	+12·715	− 4	...	...
...	24·125	+23·030	− 5	M	...
...	−24·020	−20·727	0·65	46·5635	10·4
S*	23·990	−31·063	1·50	46·5634	8·8
*	23·965	+10·015	1·20	45·5751	9·4
...	23·642	−42·611	0·70	46·5636	10·4
...	23·450	−32·132	0·65	46·5637	10·6
151–210					
151					
...	−23·327	+28·615	− 5	M	...
...	22·885	+48·642	− 4	...	...
...	22·002	+ 1·402	− 4	A	...
...	21·424	− 1·881	− 5	M	...
...	21·243	−23·856	− 5	M	...
S*	−20·996	+ 1·691	1·75	45·5752	8·8
*	20·608	−19·405	1·25	46·5638	9·4
...	20·506	−12·515	0·65	46·5640	10·2
...	20·432	+41·474	− 3	...	...
†	20·430	− 5·000	− 4	...	...
161					
...	−20·372	−40·425	0·85	46·5639	9·9
...	20·262	−26·949	− 3	46·5641	10·6
...	20·168	+47·723	− 5	A	...
†	19·983	−59·106	− 3	...	...
...	19·804	−39·784	− 3	...	...
...	−19·777	+27·347	− 5	M	...
...	19·703	−15·666	− 1	46·5642	10·6
...	19·190	+12·802	− 5	M	...
...	18·726	+ 3·075	− 4	A	...
*	18·682	−47·078	0·90	46·5644	10·0
171					
*	−18·667	−45·872	0·90	46·5643	10·0
...	18·427	−15·228	0·85	46·5645	10·0
...	18·423	+54·961	− 4	...	...
...	17·879	− 0·427	− 3	45·5753	10·6
...	17·484	−11·521	− 3	...	...
...	−17·407	−38·248	− 1	46·5646	10·6
...	17·294	+10·692	− 3	...	...
*	17·280	+24·069	1·10	45·5754	9·6
...	17·275	+42·512	0·70	45·5755	10·5
...	16·895	−49·432	− 5	M	...
181					
...	−16·826	+56·969	− 4	...	...
...	16·660	−41·786	0·75	46·5649	10·2
...	16·371	+16·608	− 2	...	...
...	16·259	−30·800	− 4	M	...
n	15·839	+19·023	− 2	45·5756	10·6
n	−15·650	+18·924	− 3		
...	15·550	−39·711	− 5	M	...
...	15·503	+ 6·979	0·85	45·5757	10·0
...	15·256	−46·216	− 2	46·5650	10·6
...	15·253	+27·577	− 2	...	...
191					
...	−15·187	−46·062	− 5	M	...
...	15·144	−51·534	− 4	...	...
*	14·910	− 1·953	1·10	45·5758	9·4
...	14·709	+46·284	− 4	...	...
...	13·977	−44·616	− 3	...	...
S*	−13·408	−52·074	1·25	46·5651	9·0
...	13·285	−50·443	− 5	M	...
...	13·228	−52·058	− 4	A	...
...	13·098	−14·145	− 5	M	...
...	13·042	+34·688	− 4	B	...
201					
...	−12·917	− 5·222	− 2	...	...
*	12·634	+48·339	1·10	45·5759	9·7
...	12·551	+19·956	− 3	...	...
...	12·530	−23·137	− 4	...	...
...	12·196	+55·504	− 5	M	...
...	−12·170	−23·724	− 1	...	...
...	12·001	+20·822	0·70	45·5760	10·5
*	11·864	−45·125	0·90	46·5652	10·0
...	11·617	+16·049	− 4	B	...
...	11·541	−16·801	0·65	46·5653	10·6
211–270					
211					
...	−11·519	+58·828	− 4	...	...
*	11·492	−17·468	0·85	46·5654	10·2
...	11·112	−56·816	− 2	...	...
*	11·055	+37·184	1·50	45·5761	9·2
...	10·988	+35·257	0·65	45·5762	10·3
*	−10·754	−48·618	1·40	46·5655	9·0
...	10·704	+24·957	− 4	A	...
...	10·325	+ 0·235	− 4	*β*	...
...	10·131	−42·320	− 5	M	...
...	9·590	−32·841	− 4	...	...
221					
...	− 9·483	−27·868	− 4	A	...
...	9·466	−39·303	− 4	B	...
*	9·360	−47·393	0·90	46·5656	10·0
...	9·240	−18·736	− 5	M	...
...	9·204	−40·995	− 3	...	...
...	− 9·132	+25·306	− 3	...	...
...	8·983	+21·365	− 4	B	...
...	8·678	+28·693	− 2	...	...
...	8·640	+50·177	− 2	...	...
...	8·565	−41·646	− 1	46·5657	10·6
231					
...	− 8·164	−30·626	− 5	M *m*	...
...	7·844	−59·088	− 4	...	...
...	7·722	−13·033	− 4	...	...
...	7·630	−55·445	− 4	M	...
...	7·516	−22·127	− 4	M *m*	...
...	− 7·214	+13·452	− 4	M *m*	...
...	7·169	+25·567	− 4	M *m*	...
*	7·045	+22·416	1·20	45·5763	9·6
...	6·249	+23·453	− 3	...	...
...	6·080	+31·763	− 4	M	...
241					
...	− 5·249	− 2·783	− 4	*m*	...
...	4·862	−35·211	0·65	46·5658	10·5
...	4·814	−46·270	0·90	46·5659	10·0
...	4·707	− 8·398	− 5	M *m*	...
...	4·265	−56·281	0·80	46·5660	10·3
...	− 3·904	+30·174	− 3	...	...
...	3·402	−55·009	− 4	...	...
...	3·327	+33·415	− 4	M	...
...	3·312	−58·615	− 3	M	...
...	3·193	+29·017	− 3	...	..
251					
...	− 2·540	−36·941	− 5	M	...
*	2·488	−24·211	0·90	46·5664	9·9
...	2·301	+26·812	− 3	M	...
...	2·270	+ 2·245	− 4	M *m*	...
...	2·191	+ 3·643	− 5	M *m*	...
...	− 2·081	+ 3·998	0·85	45·5764	10·2
S*	1·578	+21·648	1·80	45·5765	9·0
...	1·568	− 4·457	− 3	...	...
...	1·466	−26·830	− 1	46·5665	10·6
*	0·914	−50·612	1·00	46·5666	9·8
261					
...	− 0·808	−55·458	− 4	M	...
*	− 0·595	+ 6·112	0·90	45·5766	10·0
...	+ 0·427	− 0·546	− 3	...	...
...	0·711	−46·601	− 3	...	...
...	0·945	−36·037	− 5	M *m*	...
...	+ 1·417	+11·349	0·80	45·5767	10·2
...	1·484	+31·092	− 5	M *m*	...
*	1·678	+18·173	0·90	45·5768	10·0
...	1·867	−34·776	− 5	M	...
*	2·256	−40·322	0·85	46·5669	10·0

185, 186. C.P.D., possibly mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
271–330					
271	′	′		°	
...	+ 2·753	−27·366	− 5	...	...
...	2·883	+ 0·817	− 5	M *m*	...
...	3·801	−20·728	0·65	46.5670	10·5
...	3·923	+ 9·465	0·65	45.5769	10·6
...	4·318	−55·115	− 4	...	...
...	+ 4·662	−49·575	− 5	M	...
...	4·688	+20·052	− 5	M *m*	...
...	5·612	−44·686	− 4	M *m*	...
...	5·691	− 2·035	− 3	45.5771	10·6
...	5·698	+38·241	0·75	45.5770	10·3
281					
...	+ 5·994	−41·896	− 4	...	...
...	6·058	−47·936	− 4	...	...
...	6·206	+31·219	− 3	M	...
...	6·272	− 3·567	0·65	45.5772	10·6
*	6·449	−29·194	1·25	46.5672	9·4
...	+ 6·463	+35·346	− 5	M	...
...	6·580	+48·201	− 2	...	...
*	7·247	−24·844	1·25	46.5673	9·4
...	7·524	+46·977	− 5	...	...
...	7·819	−44·649	− 4	...	...
291					
...	+ 8·656	−56·544	0·80	46.5674	10·4
...	8·819	−28·764	− 2	46.5675	10·6
...	8·963	+49·508	− 3	...	...
...	9·300	+ 0·654	− 5	...	...
...	9·393	−34·325	− 5	...	...
...	+ 9·795	+55·320	− 4	...	...
‡	9·847	+39·983	2·00	45.5773	8·4
...	9·856	− 6·492	− 4	...	...
†	9·977	− 6·086	− 2	45.5774	10·6
...	10·257	−40·562	− 5	...	...
301					
...	+10·486	−57·488	0·65	46.5677	10·6
...	10·549	− 1·225	− 1	45.5775	10·6
...	10·684	−58·017	0·85	46.5678	10·2
...	10·987	+41·710	− 4	...	...
S *	11·264	−18·266	1·30	46.5679	9·1
...	+11·770	−51·405	− 3	...	...
†	11·795	−34·942	− 5	...	...
...	12·444	+ 1·404	− 4	...	...
...	12·495	+ 3·482	− 4	...	...
...	12·796	−26·130	− 5	...	...
311					
...	+13·149	+46·735	− 4	...	...
*	13·540	+30·780	1·00	45.5776	9·8
*	13·609	−51·883	0·90	46.5681	9·9
...	13·858	− 5·686	− 3	...	...
...	13·879	+11·249	− 4	...	...
...	+14·186	+23·993	0·65	45.5777	10·5
...	14·471	−36·306	− 4	...	...
...	15·078	+46·012	− 3	...	...
...	15·159	− 4·438	− 3	...	...
*	15·462	+16·373	1·15	45.5778	9·7
321					
...	+15·486	+12·547	− 4	45.5779	10·6
...	15·535	+12·647	− 5	...	...
...	15·874	+34·676	− 4	...	...
...	16·105	+20·714	− 4	*b*	...
...	16·243	−32·692	0·75	46.5682	10·6
...	+16·482	−39·507	− 4	...	...
...	16·526	+26·575	− 4	...	...
...	16·744	+28·241	− 4	...	...
...	16·881	+22·878	− 2	...	...
...	16·970	−44·755	− 5	...	...
331–390					
331	′	′		°	
†	+17·096	+24·814	− 3	...	...
S *	17·123	−53·982	1·10	46.5683	9·4
...	17·272	−46·841	− 4	...	...
...	17·491	−59·635	− 5	...	...
* [	17·850	−39·139	0·90	46.5684	9·7
... [	+17·900	−39·103	0·80		
...	18·036	+54·583	− 5	...	...
...	18·320	+54·245	− 5	...	...
...	18·864	−24·634	− 5	...	...
...	18·877	−18·423	− 5	...	...
341					
...	+18·960	+19·060	− 5	...	...
*	19·041	+43·653	1·00	45.5780	9·8
*	19·263	+11·337	0·90	45.5781	9·9
...	19·344	−46·779	0·65	46.5685	10·6
...	19·541	− 9·971	− 5	...	...
...	+19·689	− 3·070	− 5	*m*	...
‡	19·861	−41·116	0·90	46.5686	9·8
...	20·046	+15·372	− 4	...	...
...	20·534	−47·522	− 5	...	...
...	20·649	−29·552	− 4	...	...
351					
...	+20·675	+51·197	− 3	...	...
...	20·816	+10·161	− 4	*a*	...
...	21·179	+19·630	− 4	...	...
...	21·227	+50·872	− 2	...	...
...	21·595	+ 6·170	0·85	45.5782	10·0
...	+21·955	+10·979	− 5	...	...
...	22·093	−42·997	− 3	...	...
...	22·559	−28·373	− 4	...	...
...	22·916	−55·073	0·65	46.5689	10·6
...	23·051	−31·456	− 4	...	...
361					
...	+23·139	−20·251	0·75	46.5688	10·3
...	23·234	+57·511	− 5	...	...
...	23·239	+ 4·342	− 5	*m*	...
...	23·286	−49·664	− 5	*m*	...
...	23·412	−24·851	− 3	...	...
...	+23·698	+54·144	− 4	...	...
...	23·716	− 7·437	− 4	...	...
...	23·718	−41·737	0·90	46.5690	10·0
*	23·829	−27·861	0·95	46.5691	9·8
...	23·832	+27·852	0·90	45.5783	10·0
371					
*	+24·361	−42·181	1·00	46.5692	9·4
*	24·364	−45·590	1·20	46.5693	9·4
...	24·587	−53·428	− 4	...	...
...	24·769	−14·124	− 1	...	...
...	25·080	−27·690	− 4	...	...
S *	+25·216	+58·443	3·00	44.5827	7·8
...	25·359	+45·043	− 4	...	...
...	25·377	+52·117	− 5	...	...
...	25·382	−43·243	− 4	...	...
...	25·481	+52·905	− 3	...	...
381					
...	+25·862	+35·389	− 3	...	...
...	26·179	+50·540	− 2	45.5784	10·6
*	26·334	−13·493	1·00	46.5694	9·8
...	26·677	+53·360	− 5	...	...
...	26·680	−27·153	− 4	...	...
...	+26·752	+ 7·744	− 5	...	...
...	27·075	+16·084	− 2	...	...
...	27·166	+27·868	− 1	45.5785	10·6
...	27·199	+10·263	0·65	45.5787	10·3
...	27·258	+41·583	0·70	45.5786	10·4
391–450					
391	′	′		°	
...	+27·489	+50·569	− 4	...	...
...	27·651	−19·277	− 4	...	...
...	28·121	−16·171	− 3	...	...
...	28·597	−37·693	0·70	46.5696	10·2
...	28·670	−26·475	− 4	...	...
...	+29·156	− 9·966	− 3	...	...
*	29·162	+37·765	1·20	45.5788	9·2
N	29·210	−47·272	− 2	46.5698	10·2
...	29·292	+34·522	0·70	45.5789	10·3
...	29·459	−23·806	− 2	46.5697	10·4
401					
...	+29·522	−42·166	− 4	...	...
...	29·576	−36·658	− 1	46.5699	10·6
...	29·625	+19·553	− 2	45.5790	10·6
...	29·719	+22·305	− 5	...	...
...	29·768	−31·588	− 3	...	...
...	+29·933	− 5·511	− 4	*m*	...
n	30·256	−45·069	− 1	46.5700	10·2
...	30·359	+ 3·333	− 5	*m*	...
n	30·506	−45·100	0·70	46.5700	10·2
...	30·666	+25·427	0·65	45.5791	10·6
411					
...	+30·781	+31·506	− 4	...	...
...	31·075	−57·440	− 4	*a*	...
...	31·208	+ 8·163	− 4	...	...
...	31·376	−28·862	0·85	46.5701	10·0
...	31·570	+55·351	− 5	...	...
...	+31·990	+36·047	− 4	...	...
*	31·991	+28·135	1·30	45.5792	9·4
...	32·494	+35·747	− 4	*a*	...
...	32·520	+48·446	− 5	...	...
...	33·364	−25·517	− 1	46.5702	10·6
421					
...	+33·432	− 1·574	− 2	...	...
...	33·814	−26·971	− 4	...	...
*	34·052	+16·105	0·85	45.5793	10·0
*	34·128	−24·431	0·90	46.5703	9·9
...	34·400	+27·319	− 4	...	...
...	+34·504	− 7·701	− 3	...	...
...	34·568	+10·787	− 5	*m*	...
...	34·658	−39·685	− 3	...	...
...	34·740	−13·408	− 3	...	...
*	35·015	−21·042	0·90	46.5704	9·9
431					
*	+35·095	+39·476	0·90	45.5794	10·0
...	35·513	−30·469	− 4	*a*	...
...	35·786	+ 8·253	− 5	*m*	...
...	36·027	− 7·750	− 4	...	...
...	36·105	−56·332	− 4	...	...
...	+36·201	−40·096	0·80	46.5705	10·4
...	36·446	+42·115	− 4	...	...
...	36·663	−36·621	− 4	...	...
...	36·718	−57·120	− 4	...	...
...	36·948	−36·986	− 2	...	...
441					
...	+37·618	−21·336	− 2	46.5706	10·5
...	37·706	−21·330	− 4	...	...
...	37·725	−21·789	− 1	46.5707	10·4
...	37·997	+52·256	0·85	44.5840	10·3
...	38·009	−44·767	− 4	...	...
...	+38·606	+50·345	− 1	45.5795	10·6
...	39·122	+12·538	0·75	45.5796	10·2
...	39·951	+34·585	− 3	...	...
...	40·141	−20·433	− 5	...	...
*	40·602	−28·847	1·00	46.5708	9·9

398. Brighter of double; companion obscured by fault.
407, 409. C.P.D., probably mass.
C.P.D., 46°·5709. Not visible on this plate.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
451–480					
451	′	′		°	
…	+40·828	−19·313	− 5	…	…
…	41·136	−47·242	− 5	…	…
…	41·199	+46·973	0·85	45·5797	10·2
…	41·532	+ 8·048	− 5	…	…
*	41·863	+ 9·392	0·95	45·5798	9·7
…	+42·428	+31·454	− 4	…	…
…	42·651	+55·659	− 4	…	…
…	42·723	−27·783	− 5	…	…
…	43·146	− 0·821	− 3	…	…
…	43·462	−38·026	− 4	…	…
461					
…	+43·709	−46·806	− 3	46.5711	10·6
…	44·486	−48·635	− 5	…	…
…	44·879	−29·835	− 5	…	…
…	45·060	− 9·989	− 4	…	…
S *	45·111	+ 4·516	1·05	45.5800	9·4
…	+45·142	+55·147	0·65	44.5848	10·6
*	45·465	+29·554	0·90	45.5799	9·9
…	45·704	−42·009	− 2	46.5713	10·6
…	45·813	+39·602	− 5	…	…
*	45·833	+ 8·559	0·90	45.5801	9·9
471					
…	+45·859	− 0·725	− 4	…	…
*	46·870	−12·885	0·90	46.5714	9·9
…	46·890	+32·907	0·80	45.5802	10·0
…	47·272	+ 6·069	− 5	*m*	…
…	47·529	−37·802	− 3	…	…
…	+48·008	+10·050	− 5	*m*	…
…	48·061	−22·920	− 5	…	…
…	48·312	+10·074	− 3	45.5805	10·6
…	48·464	−27·396	− 3	…	…
*	48·587	−11·432	0·90	46.5716	9·9
481–510					
481	′	′		°	
*	+48·707	+38·456	1·10	45.5803	9·8
…	48·729	−57·528	− 3	…	…
*	48·737	+33·945	1·10	45.5804	9·5
*	48·914	−54·539	1·20	46.5717	10·0
…	48·915	+34·316	− 5	…	…
…	+49·371	+32·004	− 5	…	…
…	49·545	−53·517	− 5	…	…
…	49·736	+28·909	− 4	…	…
†	49·782	−46·012	− 4	…	…
…	49·944	−52·946	− 4	…	…
491					
…	+50·041	+ 8·891	− 4	…	…
…	50·068	+53·178	− 5	…	…
…	50·098	− 6·679	− 5	…	…
*	50·120	+20·655	1·60	45.5806	8·8
…	50·534	+20·454	− 4	…	…
…	+50·781	−48·724	0·75	46.5720	10·3
*	50·828	+17·546	1·05	45.5807	9·4
*	51·067	−19·450	0·90	46.5719	9·9
…	51·464	−41·032	− 4	…	…
S *	51·617	−26·245	2·00	46.5721	8·3
501					
*	+51·637	+15·996	1·00	45.5809	9·6
…	51·677	+35·806	0·70	45.5808	10·3
…	52·181	+ 9·441	− 5	*m*	…
*	52·479	+36·128	0·90	45.5810	9·9
…	52·599	−49·729	− 4	…	…
…	+52·953	+10·583	− 3	45.5811	10·6
…	53·595	− 0·452	− 5	*m*	…
…	53·616	−16·597	− 5	…	…
…	53·744	−25·427	− 3	46.5722	10·6
…	53·854	+ 5·500	− 5	…	…
511–531					
511	′	′		°	
…	+54·096	+23·478	− 5	…	…
…	54·159	+11·284	− 4	…	…
…	54·193	+36·472	0·70	45.5812	10·5
…	55·477	−24·256	− 3	…	…
…	55·491	−25·207	0·65	46.5724	10·0
…	+55·710	− 4·899	− 2	45.5814	10·6
…	55·930	− 1·996	− 3	…	…
…	56·275	+58·585	− 4	44.5857	10·6
…	56·448	+46·800	− 2	45.5813	10·6
…	56·531	+48·327	− 5	…	…
521					
…	+56·739	−46·774	− 2	46.5725	10·6
*	56·950	+ 1·160	1·90	45.5816	8·8
…	57·018	−53·925	− 5	…	…
…	57·074	+43·110	0·65	45.5815	10·6
…	57·134	−43·270	− 2	46.5727	10·6
…	+57·427	−22·125	0·80	46.5726	9·9
*	58·256	− 8·140	1·00	45.5818	9·7
…	58·341	+14·061	− 2	45.5817	10·6
…	58·771	− 1·917	− 2	…	…
…	58·913	−27·520	− 4	…	…
531					
†	+59·787	+28·608	− 5	…	…

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
1–20					
I	′	′		°	
*	−59·694	+29·327	1·20	45.5799	9·9
S *	59·256	+ 4·297	1·30	45.5800	9·4
…	59·062	−47·058	− 5	46.5711	10·6
…	58·844	−10·206	− 5	…	…
…	58·662	+ 8·357	1·05	45.5801	9·9
…	−58·368	+32·735	0·90	45.5802	10·0
…	58·331	− 0·927	− 4	…	…
…	57·190	−42·203	− 4	46.5713	10·6
*	56·958	−13·047	1·00	46.5714	9·9
…	56·728	+38·339	1·15	45.5803	9·8
II					
*	−56·560	+33·826	1·35	45.5804	9·5
…	56·218	+ 9·949	− 4	45.5805	10·6
…	55·504	−37·935	− 5	…	…
…	55·435	−23·045	− 5	…	…
…	55·398	+28·820	− 5	…	…
…	−55·281	−11·543	1·00	46.5716	9·9
…	54·914	−27·501	− 5	…	…
*	54·745	+20·583	1·80	45.5806	8·8
…	54·464	+ 8·813	− 4	…	…
*	53·944	+17·503	1·15	45.5807	9·4
21–40					
21	′	′		°	
…	−53·672	+35·785	0·65	45.5808	10·3
†	53·615	−54·630	1·00	46.5717	10·0
*	53·080	+15·976	1·00	45.5809	9·6
*	52·889	+36·134	1·05	45.5810	9·9
…	52·553	−19·476	1·00	46.5719	9·9
…	−51·917	−48·746	− 1	46.5720	10·3
S *	51·773	−26·253	2·20	46.5721	8·3
…	51·612	+10·598	− 2	45.5811	10·6
…	51·480	−41·050	− 5	…	…
…	51·197	+36·532	0·65	45.5812	10·5
31					
…	−50·421	+11·347	− 4	…	…
…	49·800	+58·704	− 4	44.5857	10·6
…	49·678	−25·370	− 4	46.5722	10·6
…	49·264	+46·904	− 4	45.5813	10·6
…	48·498	+43·262	− 1	45.5815	10·6
†	−48·369	− 4·785	− 2	45.5814	10·6
…	48·238	− 1·882	− 3	…	…
…	47·991	−24·148	− 3	…	…
…	47·934	−25·092	− 1	46.5724	10·0
*	47·299	+ 1·305	1·90	45.5816	8·8
41–60					
41	′	′		°	
…	−46·336	+14·255	− 3	45.5817	10·6
…	46·102	−21·947	0·80	46.5726	9·9
…	46·018	−46·613	− 3	46.5725	10·6
…	45·731	−43·107	− 3	46.5727	10·6
…	45·719	− 7·947	0·95	45.5818	9·7
*	−45·689	+59·331	1·60	44.5864	9·5
…	45·504	−53·755	− 5	…	…
…	45·405	− 1·704	− 3	…	…
*	44·527	+13·499	2·60	45.5819	8·2
…	44·463	−27·289	− 5	…	…
51					
…	−43·691	−14·316	− 2	46.5728	10·6
N	43·590	+35·306	− 2	45.5820	10·6
…	43·447	−15·952	0·65	46.5729	10·6
…	43·312	−26·995	− 4	…	…
…	42·870	−43·765	0·90	46.5730	10·0
…	−42·647	−10·633	− 4	…	…
…	42·566	− 3·093	− 3	…	…
…	41·923	−56·175	− 5	…	…
*	41·913	−27·562	1·25	46.5731	9·5
*	41·873	+ 9·521	1·50	45.5821	8·8

ES measured from 1, 214.
MC ,, ,, 96, 322.

52. Partly obscured by fault.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
61–120					
61					
…	−41·603	−36·732	− 4	…	…
*	40·330	+31·699	1·10	45.5823	9·6
*	40·267	− 1·794	1·00	45.5822	9·8
…	39·658	+14·246	− 4	…	…
…	39·117	−14·047	0·75	46.5733	10·0
…	−38·475	−57·814	− 5	…	…
…	38·466	−10·082	− 1	46.5734	10·5
…	38·213	+49·532	− 5	…	…
…	38·182	+ 8·778	− 4	…	…
…	38·142	−56·732	− 5	…	…
71					
*	−38·086	−19·904	0·90	46.5735	9·9
…	37·260	−22·815	− 5	…	…
…	37·005	−33·616	− 4	…	…
S *	36·422	−41·227	2·05	46.5737	8·4
…	36·395	+ 2·702	− 5	A	…
…	−36·117	−11·278	− 1	…	…
…	36·002	−42·628	− 1	46.5738	10·5
…	35·498	−40·636	0·95	46.5739	10·0
…	34·229	+25·628	0·90	45.5824	10·2
*	33·867	−22·588	0·90	46.5740	10·0
81					
…	−33·743	− 4·724	− 5	…	…
S *	33·469	−15·204	1·40	46.5741	8·8
…	33·146	+19·423	− 5	…	…
…	33·111	+43·286	0·95	45.5825	10·0
…	32·769	+ 7·345	− 3	…	…
…	−32·687	−18·915	− 5	…	…
…	32·335	−13·596	− 2	46.5743	10·5
…	32·319	−33·513	− 3	…	…
…	32·084	− 9·886	− 3	46.5744	10·6
†	32·035	+ 0·110	− 3	45.5826	10·6
91					
…	−31·471	+ 2·302	0·85	45.5827	10·0
…	31·215	−21·033	− 5	…	…
S *	31·115	+ 8·316	2·10	45.5828	8·4
…	30·209	+41·320	− 4	…	…
…	30·194	+ 5·613	− 2	45.5829	10·6
…	−29·801	+ 1·804	− 5	C	…
…	29·605	− 1·149	− 5	B	…
…	29·585	−28·930	− 3	…	…
…	29·531	+30·896	− 4	…	…
*	29·388	+11·085	1·80	45.5830	8·6
101					
…	−28·955	+47·386	− 2	…	…
…	28·296	+49·719	− 3	…	…
…	27·831	−40·455	0·85	46.5745	10·2
…	27·813	−55·337	− 5	…	…
*	27·121	−17·225	1·00	46.5747	9·9
…	−26·979	+11·986	− 2	45.5831	10·6
…	26·850	+50·847	− 4	…	…
…	26·821	−40·504	0·85	46.5746	10·2
…	26·238	+ 7·505	− 4	…	…
…	25·529	+44·009	− 5	…	…
111					
…	−25·421	−24·339	− 4	…	…
…	25·223	+ 2·814	− 3	45.5832	10·6
…	24·895	+22·164	− 2	…	…
*	24·879	+34·549	1·00	45.5833	10·0
…	24·850	+ 1·121	− 4	…	…
…	−24·724	−36·328	− 3	…	…
…	24·529	−50·254	− 5	…	…
…	24·449	+ 8·058	− 4	…	…
…	24·109	+13·437	0·70	45.5834	10·6
…	23·793	+ 6·997	− 3	…	…
121–180					
121					
…	−23·648	−59·174	0·90	46.5749	10·2
…	23·445	−34·562	− 4	…	…
…	22·708	−38·709	− 5	…	…
…	22·701	+55·335	1·00	44.5883	10·0
…	22·636	+44·600	− 4	…	…
…	−22·498	+32·167	− 2	…	…
…	22·406	+38·236	− 1	45.5835	10·3
*	22·213	−33·360	1·00	46.5750	9·9
…	21·940	+23·209	− 3	…	…
…	21·843	+21·598	− 2	45.5836	10·6
131					
*	−21·634	+36·791	1·00	45.5837	9·8
…	21·323	−14·047	0·80	46.5751	10·0
…	21·100	− 6·308	− 5	…	…
…	20·777	+ 0·517	− 3	…	…
…	20·707	−55·176	− 1	46.5752	10·6
*	−20·691	+54·052	1·20	44.5886	9·6
…	20·565	−42·207	− 2	…	…
…	20·363	−14·911	− 4	…	…
‡	20·126	+12·250	1·00	45.5838	9·9
†	20·067	− 1·280	− 4	A	…
141					
*	−19·334	+55·739	1·80	44.5887	8·8
…	18·336	+43·694	0·80	45.5839	10·3
…	18·253	− 0·325	− 5	A	…
…	18·038	−39·784	− 3	…	…
…	18·007	+48·222	− 5	…	…
…	−17·691	−14·071	− 3	…	…
…	17·168	−39·998	0·80	46.5754	10·3
…	16·681	−25·386	− 3	…	…
…	16·416	− 6·589	− 2	…	…
…	15·691	−54·299	− 3	…	…
151					
…	−15·270	+ 3·192	− 4	…	…
…	15·050	−57·043	− 1	46.5755	10·6
…	15·015	+ 4·375	− 5	M	…
…	14·948	+40·963	− 5	…	…
*	14·843	−45·495	1·10	46.5756	9·8
…	−14·428	+32·882	− 5	A	…
S *	14·396	+28·141	1·80	45.5840	8·6
…	14·299	+17·766	− 2	…	…
…	13·822	+19·718	− 5	…	…
…	13·414	+53·733	− 4	…	…
161					
…	−13·206	+34·190	− 5	A	…
*	13·121	+11·630	1·00	45.5841	9·9
…	12·650	− 9·554	− 5	…	…
…	12·544	+ 8·885	− 3	A	…
‡	12·544	+49.898	3·70	45.5842	7·5
…	−12·468	+52·253	− 5	…	…
…	12·271	−14·343	− 3	…	…
…	12·236	+44·174	− 2	…	…
…	11·693	−26·052	− 2	46.5757	10·6
…	11·309	−48·786	− 3	…	…
171					
…	−11·224	− 7·418	0·95	45.5843	10·0
*	10·901	−10·853	1·20	46.5758	9·5
…	10·844	−38·321	− 5	…	…
…	10·746	+ 3·737	− 1	45.5844	10·6
…	10·410	+50·437	− 5	…	…
†	−10·200	+37·202	− 3	…	…
…	9·866	−16·014	− 4	…	…
…	9·597	−45·084	0·65	46.5759	10·6
…	8·864	+38·048	− 3	45.5846	10·6
…	8·811	−46·640	− 2	…	…
181–240					
181					
…	− 8·795	− 6·777	− 2	45.5845	10·6
…	8·640	+18·969	0·75	45.5847	10·3
…	8·612	− 8·768	− 4	…	…
…	8·450	+ 3·344	− 3	…	…
…	6·956	−12·570	− 1	46.5762	10·0
…	− 6·847	−47·247	− 2	46.5761	10·6
*	6·546	−16·171	1·10	46.5763	9·8
…	6·391	−45·504	0·65	46.5764	10·5
…	6·095	−20·840	− 2	46.5765	10·6
…	5·992	−34·866	− 2	…	…
191					
…	− 5·974	+27·594	0·70	45.5848	10·4
…	5·829	− 6·217	− 4	*m*	…
…	5·827	−25·359	− 3	…	…
…	5·743	−40·748	− 4	*m*	…
*	5·695	+23·449	1·00	45.5849	10·0
…	− 5·463	−28·566	− 4	*m*	…
…	5·381	− 6·651	0·75	45.5850	10·2
…	4·745	+ 8·921	− 4	*m*	…
…	4·441	+44·454	− 3	…	…
…	4·276	−41·740	− 2	…	…
201					
…	− 3·533	−18·474	− 3	46.5767	10·6
…	3·528	+19·045	− 3	…	…
*	3·258	− 3·530	0·90	45.5851	9·9
…	3·255	−47·327	− 3	…	…
…	2·964	+37·600	− 4	*m*	…
…	− 2·213	+48·773	− 3	…	…
…	2·020	− 2·621	0·75	45.5852	10·3
…	1·847	+30·546	− 1	45.5853	10·6
…	1·434	−27·935	0·65	46.5768	10·5
…	1·270	+31·358	− 5	*m*	…
211					
…	− 1·170	−26·742	− 4	…	…
…	0·812	+ 8·861	− 4	A *m*	…
…	0·761	−37·355	− 5	*m*	…
…	0·095	−32·140	− 3	46.5769	10·6
…	− 0·053	+46·564	− 5	*m*	…
…	+ 0·387	− 0·962	− 5	A *m*	…
…	1·078	+ 3·770	− 3	45.5854	10·6
…	1·145	−31·100	− 5	*m*	…
…	1·233	+ 4·829	− 3	45.5855	10·6
…	1·247	− 6·660	− 3	…	…
221					
…	+ 1·367	−21·326	0·75	46.5771	10·2
…	2·283	−50·001	− 5	*m*	…
…	2·376	− 2·128	− 5	*m*	…
…	2·426	−30·156	− 3	…	…
…	3·183	−55·906	− 4	*m*	…
…	+ 3·913	−38·539	− 4	…	…
*	4·215	−31·634	0·90	46.5773	9·9
…	4·954	+16·542	− 5	*m*	…
…	5·209	−14·379	− 5	*m*	…
…	5·989	−28·423	− 3	46.5774	10·6
231					
…	+ 6·009	−50·263	− 3	…	…
…	6·608	−12·131	− 5	*m*	…
…	6·687	− 1·863	− 4	…	…
…	6·942	+32·827	− 5	…	…
…	6·959	− 9·997	− 3	46.5775	10·6
…	+ 7·427	−33·612	− 5	*m*	…
…	7·890	+13·107	− 5	*m*	…
N	8·148	−51·149	0·85	46.5777	10·4
*	8·164	−50·483	1·70	46.5776	9·0
…	8·452	−52·658	− 5	*m*	…

238. Obscured by 2nd image of 239; 2nd image measured and corrected.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
241–300					
241					
...	+ 8′·574	− 4′·062	− 4	a	...
...	8·688	−13·218	0·75	46.5778	10·0
...	8·733	−56·292	− 3	46.5779	10·6
...	8·755	+19·155	0·85	45.5856	10·0
...	8·907	−40·365	− 2	46.5780	10·5
S ‡	+ 8·930	−49·637	1·10	46.5781	9·4
...	9·165	+51·636	− 3	...	...
†	9·352	+30·120	− 5	m	...
...	9·641	+46·544	− 5	m	...
...	9·917	− 5·171	0·85	45.5857	10·0
251					
...	+10·491	+27·927	− 4	...	...
...	10·573	−18·234	− 1	46.5782	10·4
*	10·794	−37·196	0·95	46.5783	9·8
*	11·005	+37·404	1·15	45.5858	9·4
...	11·297	−57·498	0·95	46.5784	9·9
...	+11·733	+13·281	− 3	45.5859	10·6
...	12·213	+53·049	− 5	m	...
...	12·600	−55·877	− 4	...	...
...	12·795	−56·278	− 5	...	...
...	13·411	−22·636	− 4	...	...
261					
...	+13·611	−17·340	0·80	46.5785	10·0
...	13·651	+24·324	− 2	45.5860	10·6
...	13·794	−43·338	− 4	...	...
...	13·869	−50·164	− 4	b	...
...	14·087	+24·362	− 2	45.5861	10·6
...	+14·371	−28·896	− 5	m	...
S *	14·493	+49·450	1·25	45.5862	9·2
...	14·526	+ 3·191	0·85	45.5863	10·0
...	14·562	+47·793	− 5	...	...
...	14·586	−52·155	− 5	a	...
271					
...	+15·036	+37·878	− 5	...	...
...	15·038	+ 2·728	− 5	m	...
...	15·096	+52·686	− 2	44.5907	10·6
*	15·328	+41·321	1·70	45.5864	9·2
...	15·538	−11·726	− 2	46.5786	10·6
†	+15·944	−29·745	− 4	...	...
...	16·074	+38·971	− 3	...	...
...	16·275	+23·278	0·90	45.5865	10·0
...	16·290	+53·757	− 5	m	...
...	16·598	−44·248	− 5	b	...
281					
...	+16·690	− 0·566	0·85	45.5866	9·9
...	16·829	−16·308	− 5	m	...
...	17·119	−41·737	0·80	46.5787	9·9
S ‡	17·247	+10·090	1·10	45.5867	9·4
*	17·262	−59·401	1·15	46.5788	9·9
...	+17·316	+52·027	− 5	...	...
...	17·608	+10·770	− 5	...	...
...	17·882	− 7·555	− 5	m	...
...	18·158	+57·561	− 4	...	...
...	18·181	−24·175	− 2	46.5789	10·5
291					
...	+18·504	−18·081	− 4	46.5790	10·6
...	18·703	−18·038	− 5	m	...
...	18·771	−40·416	− 5	m	...
...	19·436	−47·081	− 1	46.5791	10·4
...	19·496	+20·565	− 5	...	...
†	+19·814	−45·523	− 1	46.5792	10·3
...	19·990	−37·078	− 1	46.5793	10·6
...	20·562	+18·241	− 5	...	...
...	21·622	−49·100	− 2	...	...
...	21·704	+18·572	0·75	45.5868	10·0
301–360					
301					
...	+21′·967	−13′·764	− 5	...	...
...	22·172	−20·990	− 2	46.5794	10·4
...	22·268	+48·158	− 4	a	...
...	22·539	+41·314	− 5	m	...
...	23·031	− 4·434	− 3	45.5869	10·3
*	+23·137	−42·897	0·95	46.5796	9·9
...	23·397	− 8·939	0·70	46.5795	10·2
...	23·450	+ 1·471	0·70	45.5870	10·3
...	23·573	−40·053	− 5	...	...
...	23·876	+39·610	− 5	m	...
311					
...	+25·500	+13·215	− 4	...	...
*	25·549	+56·186	1·20	44.5915	9·9
...	25·611	+38·557	− 5	m	...
...	27·100	+27·878	− 5	m	...
...	27·376	−29·333	− 4	...	...
...	+27·456	−14·393	− 3	46.5798	10·6
...	28·073	−52·936	− 5	b	...
...	28·345	− 5·279	− 4	...	...
...	28·572	+ 9·685	− 2	45.5872	10·6
...	28·672	+37·216	− 3	45.5871	10·6
321					
...	+28·707	−41·439	− 5	b	...
...	29·849	+ 8·187	− 2	...	...
...	29·946	+24·214	− 1	45.5873	10·6
...	30·792	+14·210	− 4	...	...
...	31·244	+16·389	− 4	...	...
*	+31·350	+51·122	1·00	45.5874	10·0
...	31·736	+ 3·705	− 4	...	...
...	31·808	−38·518	0·75	46.5800	10·4
...	31·999	−19·180	− 4	...	...
...	32·031	+25·873	− 5	m	...
331					
†	+32·326	−39·689	− 4	...	...
...	32·497	+58·295	0·70	44.5920	10·3
...	33·232	−53·098	− 1	...	...
...	33·266	+39·225	− 1	45.5875	10·6
...	33·278	−35·810	− 5	a	...
*	+33·646	−16·638	1·20	46.5801	9·2
...	33·698	−39·787	− 3	...	...
S *	34·171	− 5·062	1·15	45.5876	9·2
...	34·468	−10·972	− 5	m	...
...	34·654	−33·624	− 2	46.5803	10·6
341					
...	+34·671	−23·015	− 5	m	...
...	35·087	+49·471	− 3	...	...
...	35·343	+36·824	− 2	45.5877	10·6
...	35·639	− 4·407	− 4	b	...
†	35·978	+30·155	− 2	...	...
...	+36·562	−14·861	0·80	46.5806	10·3
...	36·796	− 4·438	0·70	45.5878	10·4
...	36·905	− 6·685	− 1	45.5879	10·6
...	37·460	−35·689	0·70	46.5807	10·5
...	37·627	+ 2·448	− 5	m	...
351					
†	+38·017	−39·692	0·70	46.5808	10·2
...	38·156	−32·583	− 5	m	...
*	38·245	−16·307	0·85	46.5809	10·0
...	38·584	−38·816	− 5	m	...
*	38·587	+40·294	1·80	45.5880	9·0
...	+39·462	−57·069	− 4	a	...
...	39·603	+ 9·601	− 3	...	...
†	39·773	−48·889	− 4	b	...
...	39·911	+ 4·894	0·90	45.5881	10·2
...	39·919	−49·922	− 5	a	...
361–420					
361					
...	+41′·510	+15′·349	− 2	45.5882	10·5
...	41·863	+18·513	− 4	...	...
...	41·907	−45·145	− 4	...	...
...	42·602	+ 2·418	− 1	...	...
...	42·885	+ 8·217	− 5	...	...
...	+43·055	+16·729	0·90	45.5883	10·0
...	43·120	+15·716	− 4	...	...
...	43·407	+16·886	− 3	...	...
...	43·828	− 0·808	− 4	b	...
...	43·895	−31·832	− 4	...	...
371					
*	+43·898	− 1·756	1·10	45.5884	9·4
...	43·992	+ 6·843	− 4	...	...
...	44·196	+59·285	− 3	44.5925	10·6
...	44·530	−18·379	− 5	m	...
*	44·969	+38·060	1·00	45.5885	10·0
n	+44·998	− 9·463	− 2	46.5810	10·0
...	45·069	−36·306	− 3	e	...
n	45·191	− 9·489	− 2	46.5810	10·0
...	45·233	+42·872	− 2	...	...
*	45·598	+47·431	1·20	45.5886	9·4
381					
*	+45·668	− 7·404	0·95	45.5887	9·9
...	45·869	−31·681	− 4	a	...
...	46·554	+41·870	0·90	45.5888	10·3
...	46·913	−51·284	− 5	m	...
...	47·076	+36·612	0·85	45.5890	10·3
...	+47·210	+46·786	0·85	45.5889	10·3
...	47·571	+43·802	0·75	45.5891	10·6
...	48·731	+30·840	− 4	...	...
...	49·045	−17·831	− 2	...	...
...	49·327	+13·470	− 4	e	...
391					
...	+50·655	−35·684	− 5	e	...
...	51·058	−15·645	− 4	e	...
...	51·620	+23·560	− 5	...	...
...	51·854	−17·576	− 5	m	...
...	52·279	−33·806	− 3	e	...
...	+52·423	+ 5·835	− 4	...	...
...	52·458	−57·943	− 2	46.5811	10·6
...	52·502	+22·533	0·75	45.5892	10·3
...	52·785	−54·917	− 4	...	...
...	53·331	+15·023	− 2	...	...
401					
...	+53·435	−37·467	0·95	46.5812	10·0
...	53·649	−22·096	− 2	...	...
...	53·835	+30·860	0·85	45.5893	10·3
...	54·135	− 3·511	− 5	e	...
...	54·141	−18·272	0·90	46.5813	10·0
*	+54·330	−47·477	1·00	46.5814	9·9
...	54·743	+ 7·051	− 3	...	...
...	54·808	+14·862	0·85	45.5894	10·3
...	55·883	+37·819	− 4	e	...
...	55·907	−45·076	− 4	...	...
411					
...	+56·487	−16·728	0·90	46.5815	10·6
*	56·617	−21·495	1·20	46.5816	9·7
...	56·717	+48·132	− 1	45.5895	10·5
...	56·979	−13·844	− 5	e	...
S *	57·165	+14·140	1·40	45.5896	9·2
...	+57·355	+37·740	− 5	e	...
*	57·374	−54·488	3·80	46.5817	7·0
...	57·494	+58·763	1·30	44.5933	9·9
*	57·828	+ 4·890	1·00	45.5899	9·9
*	57·854	+40·457	1·20	45.5897	9·8

376, 378. C.P.D., mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
421–427					
421				°	
...	+58′·280	+13′·564	− 1	45.5901	10·6
...	58·296	+16·535	0·90	45.5900	10·2
...	58·389	+46·411	− 3	45.5898	10·6
...	58·675	+23·946	− 3	...	...
S *	58·913	− 5·983	1·75	45.5902	8·8
...	+59·053	−41·159	− 2	...	...
...	59·319	+10·726	− 1	45.5903	10·6

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. ...	C.P.D. No.	C.P.D. Mag.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. ...	C.P.D. No.	C.P.D. Mag.

1–40					
1				°	
...	−59′·322	−32′·069	− 5	...	...
...	58·980	+41·687	0·65	45.5888	10·3
...	58·922	− 9·685	− 2	46.5810	10·0
...	58·720	− 9·699	− 2		
...	58·467	+46·633	0·90	45.5889	10·3
*	−58·308	− 7·604	1·10	45.5887	9·9
...	58·292	+36·440	0·80	45.5890	10·3
...	58·023	+43·645	− 1	45.5891	10·6
...	57·992	−36·512	− 4	E	...
...	56·437	+30·724	− 3	...	...
11					
...	−55·374	+27·507	− 5	...	...
...	55·326	+13·377	− 4	E	...
...	54·621	−17·915	− 3	...	...
...	53·353	+23·529	− 4	...	...
...	52·656	−15·677	− 4	E	...
...	−52·428	−35·717	− 4	E	...
...	52·418	+22·537	0·70	45.5892	10·3
...	51·986	+ 5·856	− 4	...	...
...	51·573	+ 3·357	− 5	M	...
...	51·378	+15·058	− 2	...	...
21					
...	−51·370	+30·895	0·85	45.5893	10·3
...	50·871	−33·777	− 3	E	...
†	49·995	− 3·441	− 5	E	...
†	49·939	−57·912	− 3	46.5811	10·6
...	49·882	−22·042	− 2	...	...
†	−49·879	+14·934	0·65	45.5894	10·3
...	49·718	−54·890	− 4	...	...
...	49·696	+ 7·136	− 3	...	...
...	49·612	−37·398	0·95	46.5812	10·0
...	49·549	+37·922	− 4	E	...
31					
...	−49·511	−18·192	0·90	46.5813	10·0
...	49·000	+48·258	0·80	45.5895	10·5
...	48·572	+58·907	1·10	44.5933	9·9
*	48·405	−47·387	1·00	46.5814	9·9
...	48·367	−11·048	− 4	B	...
...	−48·063	+37·890	− 5	E	...
*	47·633	+40·621	1·10	45.5897	9·8
S *	47·507	+14·288	1·30	45.5896	9·2
...	47·302	+46·594	− 2	45.5898	10·6
...	47·201	−16·584	0·90	46.5815	10·6

41–80					
41				°	
*	−46′·930	−21′·351	1·00	46.5816	9·7
...	46·910	−44·934	− 4	...	...
...	46·803	−13·680	− 4	E	...
*	46·552	+ 5·090	0·90	45.5899	9·9
...	46·453	+16·717	0·85	45.5900	10·2
...	−46·365	+13·755	− 1	45.5901	10·6
...	46·307	+24·137	− 3	...	...
...	45·813	−27·808	− 4	A	...
...	45·447	+36·532	0·90	45.5904	9·8
...	45·249	+10·951	− 1	45.5903	10·6
51					
‡	−45·127	−54·306	3·50	46.5817	7·0
S *	45·102	− 5·772	1·70	45.5902	8·8
...	44·405	−45·155	− 4	B	...
...	43·862	−40·925	− 1	...	...
...	43·703	−19·163	− 5	M	...
...	−43·415	−31·880	− 2	...	...
...	43·245	−29·551	− 4	B	...
†	43·067	−44·823	− 4	A	...
...	42·808	+15·914	0·80	45.5905	9·8
...	42·709	+ 1·961	− 3	...	...
61					
...	−41·802	+ 9·153	− 2	...	...
...	41·506	−18·756	0·80	...	...
*	41·394	−46·872	0·95	45.5906	9·6
...	40·928	− 3·329	− 2	...	...
...	40·822	+ 3·808	0·75	...	...
...	−40·579	+52·288	− 4	...	...
...	40·569	−37·551	− 5	M	...
...	40·310	+ 0·442	− 3	...	...
S *	39·557	−43·092	2·00	46.5818	8·6
...	38·927	−30·158	− 3	...	...
71					
...	−38·870	− 8·898	− 4	B	...
...	38·858	+ 1·286	− 4	...	...
...	38·762	+ 1·769	− 4	A	...
...	38·465	−28·097	− 4	...	...
...	38·298	+37·418	− 4	A	...
*	−38·189	−17·020	1·10	46.5819	9·2
*	37·714	−58·024	2·00	46.5820	8·8
*	37·549	−24·456	1·00	46.5821	9·6
...	37·142	− 9·605	− 4	B	...
...	36·860	−53·389	− 5	M	...

81–120					
81				°	
...	−36′·459	+17′·778	0·65	...	...
...	35·963	+29·838	− 2	...	...
...	35·957	+40·974	− 5	M	...
...	35·257	+41·004	− 5	M	...
...	35·073	+59·517	0·90	44.5943	9·8
...	−34·763	−27·565	− 1	...	...
...	34·745	+13·917	− 5	M	...
...	34·525	−58·901	0·80	...	...
*	34·477	−27·887	1·80	46.5822	8·8
...	34·073	+46·586	− 4	...	...
91					
*	−33·829	− 6·544	0·95	45.5907	9·8
...	33·623	+ 2·112	− 2	...	...
...	33·580	+20·316	− 3	...	...
...	32·481	+52·216	− 3	...	...
...	32·183	−23·661	− 4	A	...
...	−31·935	+43·144	− 3	A	...
...	31·589	−23·120	− 5	M	...
...	31·478	−33·410	− 5	M	...
...	31·268	−38·073	− 4	...	...
...	30·576	−33·333	− 4	B	...
101					
*	−30·264	+21·496	1·00	45.5908	9·5
...	29·592	+14·108	0·65	...	...
...	29·259	+46·284	− 5	M	...
...	29·120	−44·428	0·85	46.5823	9·8
...	28·905	−24·451	− 2	...	...
*	−28·408	+13·163	0·95	45.5909	9·4
...	27·906	+42·294	− 2	...	...
...	27·622	−35·879	0·65	...	...
...	27·526	+ 3·183	− 3	...	...
*	27·356	−34·787	1·30	46.5824	9·2
111					
...	−27·224	+ 8·533	− 3	...	...
...	27·125	+51·586	0·70	...	...
...	27·059	+40·910	− 3	...	...
...	27·055	+ 4·838	− 5	M	...
...	26·362	−53·320	− 3	...	...
...	−26·206	+36·467	− 3	...	...
S *	26·205	+53·669	3·00	44.5949	7·8
...	25·422	−44·324	− 5	M	...
*	25·230	−25·504	0·90	46.5825	9·8
...	25·205	+45·793	− 5	M	...

MC measured from 1, 207.
ES „ „ 102, 315.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
121–180					
121	′	′		°	
†	−25·000	−12·971	− 3	...	...
...	24·858	−31·543	0·85	46.5826	9·8
...	24·634	+30·518	− 3	...	...
...	24·392	+50·936	0·85	45.5910	9·8
†	24·028	− 4·986	− 4	A	...
...	−24·005	+17·320	− 5	M	...
...	24·003	+12·287	− 4	...	...
*	23·651	+23·054	0·95	45.5911	9·5
*	23·602	−53·222	1·00	46.5827	9·6
...	23·432	− 5·880	− 5	M	...
131					
...	−23·226	+11·345	− 5	M	...
...	22·644	+59·188	− 3	...	...
...	22·438	− 6·652	− 2	...	...
...	22·424	−20·967	− 5	...	...
...	22·294	−21·280	− 5	M	...
...	−22·235	−42·843	− 5	M	...
...	22·074	+46·107	− 4	...	...
...	21·766	+59·691	− 3	...	...
...	20·809	−51·152	− 2	...	...
...	20·793	−41·613	− 4	...	...
141					
*	−20·599	+30·637	0·90	45.5912	9·8
...	19·908	−37·347	− 5	M	...
...	19·744	− 3·996	− 3	...	...
...	19·390	+50·187	− 4	...	...
...	19·167	−45·876	− 1	...	...
...	−18·804	+ 6·345	− 5	M	...
...	18·510	−31·995	− 1	...	...
*	18·078	+ 2·339	1·25	45.5913	9·3
...	18·003	+46·774	0·75	45.5914	9·8
...	17·873	−42·646	− 5	M	...
151					
*	−17·544	−48·239	1·05	46.5829	9·6
...	17·382	+54·974	− 5	...	...
...	17·250	+39·334	− 5	...	...
*	16·802	+15·926	1·15	45.5915	9·4
†	16·393	+ 5·049	− 3	...	...
...	−16·167	−54·384	− 3	...	...
...	16·080	−29·165	− 3	...	...
...	16·077	− 5·087	− 3	...	...
...	16·018	+37·835	− 5	M	...
*	15·846	−59·518	1·15	46.5830	9·6
161					
...	−14·784	−52·877	− 5	M	...
...	14·447	+42·157	− 2	...	...
*	14·418	− 7·498	1·70	45.5916	8·8
...	14·396	−37·942	− 2	...	...
†	13·894	− 4·990	0·65	45.5917	9·8
...	−12·841	−50·195	− 5	M	...
...	12·807	− 7·271	− 4	A	...
...	12·698	− 6·511	0·65	...	...
...	12·628	+27·626	− 3	...	...
...	11·274	−57·990	− 5	M	...
171					
...	−11·143	+21·746	− 2	...	...
...	10·973	−28·464	− 5	M	...
*	10·705	−17·324	1·35	46.5832	9·2
...	10·396	−45·884	− 4	...	...
*	10·285	+53·371	1·40	44.5956	9·0
...	−10·144	−41·461	− 4	...	...
‡	10·140	−49·123	3·70	46.5833	7·3
†	10·035	−15·506	− 2	...	...
...	9·485	−48·657	0·65	46.5834	9·8
...	9·449	−48·463	− 5	M	...
181–240					
181	′	′		°	
...	− 8·746	− 9·555	− 3	...	...
...	8·573	−41·116	− 2	...	...
...	8·129	+55·317	0·80	44.5957	9·8
†	7·803	+49·913	− 5	...	...
...	7·767	−39·974	0·80	46.5835	9·8
*	− 7·597	+25·148	1·05	45.5918	9·5
... [	7·112	+10·133	− 4	*m*	...
... [	7·046	+10·140	− 5	B *m*	...
...	6·852	−57·635	− 4	...	...
...	6·548	+27·322	− 5	*m*	...
191					
...	− 6·316	+57·447	− 4	...	...
...	6·100	+48·575	− 5	*m*	...
...	5·930	+16·348	− 5	*m*	...
...	5·820	+33·330	− 5	*m*	...
...	5·680	+48·174	0·90	45.5919	9·8
...	− 5·346	+49·483	− 4	...	...
...	5·272	+56·562	− 2	...	...
†	5·129	+42·690	− 4	...	...
...	4·904	+12·987	− 1	...	...
S *	4·748	−35·865	2·50	46.5836	8·0
201					
...	− 4·397	− 0·373	− 2	...	...
...	2·425	+51·475	− 3	...	...
...	2·343	−28·048	− 5	M	...
...	1·237	+23·524	− 3	...	...
...	0·664	−15·675	− 5	*m*	...
*	− 0·644	+32·731	0·95	45.5920	9 6
...	+ 0·015	−29·009	− 4	...	...
*	0·397	− 3·063	1·00	45.5921	9·8
...	0·711	−55·480	0·75	...	...
S *	0·760	+55·737	2·10	44.5963	8·4
211					
...	+ 0·910	+43·417	− 3	...	...
...	0·940	+ 3·391	− 2	*m*	...
...	1·113	−23·484	− 5	M	...
...	1·182	+29·041	− 4	...	...
...	1·206	−37·877	− 1	...	...
...	+ 1·353	+37·949	− 5	M *m*	...
...	1·355	−40·234	− 4	M *b*	...
...	1·355	−41·243	− 4	...	...
...	1·549	−14·057	− 4	M	...
...	1·669	−34·579	− 3	...	...
221					
...	+ 1·855	+58·763	− 2	...	...
...	2·112	−21·058	0·65	46.5837	9·8
...	2·793	−32·390	0·70	...	...
...	2·829	− 6·850	− 2	...	...
...	2·933	+31·078	0·80	45.5922	9·8
...	+ 3·287	+35·202	− 5	M *m*	...
...	3·752	−18·406	0·80	46.5838	9·8
‡	4·076	−19·926	1·50	46.5839	9·2
*	4·764	+ 8·067	1·00	45.5923	9·8
...	4·789	−37·019	0·90	46.5840	9·8
231					
...	+ 5·155	−56·236	0·85	...	...
*	5·239	+ 4·139	2·00	45.5924	8·6
...	5·531	− 5·583	− 2	...	...
...	5·600	−21·312	− 4	M	...
...	5·775	−57·253	0·90	...	...
...	+ 5·794	+28·842	0·70	...	...
...	6·178	−49·365	− 3	...	...
...	6·212	+18·430	− 4	M *b*	...
...	6·220	−25·205	− 1	...	...
...	6·577	+ 2·129	− 1	...	...
241–300					
241	′	′		°	
...	+ 6·578	+31·748	− 3	...	...
...	6·658	− 4·131	− 4	M *a*	...
...	6·708	+49·616	0·70	...	...
...	7·796	−24·591	− 4	M *a*	...
...	8·627	+40·166	− 3	...	...
*	+ 9·140	−43·498	0·85	...	...
...	9·513	−29·584	− 3	...	...
...	9·800	−37·418	− 5	*m*	...
†	9·928	+25·300	− 3	...	...
...	10·038	+30·940	− 4	*b*	...
251					
...	+10·040	−45·629	0·85	...	...
...	10·516	+26·676	− 4	...	...
...	10·612	−31·817	− 4	*a*	...
...	10·696	−22·848	− 5	*m*	...
...	11·053	+52·838	− 4	*a*	...
...	+11·107	−22·978	0·95	46.5843	9·6
...	12·625	+11·965	− 3	...	...
...	12·663	−57·903	− 5	*m*	...
...	13·206	+32·462	− 4	...	...
...	13·258	+44·586	− 5	*m*	...
261					
*	+13·347	+36·303	1·00	45.5925	9·5
*	13·959	+13·810	1·10	45.5926	9·5
...	14·088	− 3·523	− 5	...	...
...	14·430	−34·530	− 3	...	...
...	15·090	−19·662	0·65	...	...
...	+15·432	+39·205	− 4	...	...
*	15·635	+40·547	0·95	45.5927	9·4
...	15·699	+59·635	− 4	...	...
*	15·755	− 7·573	1·00	45.5928	9·6
...	15·968	+28·401	0·70	...	...
271					
...	+16·018	−34·559	0·85	46.5844	9·8
S*	16·029	−50·585	1·90	46.5845	8·8
...	16·179	+16·024	0·85	45.5929	9·8
...	17·759	−51·749	− 4	*a*	...
...	18·266	+50·249	− 5	*m*	...
...	+18·447	−39·262	− 4	...	...
...	18·752	−32·573	0·65	...	...
...	19·059	−45·280	− 5	*m*	...
...	19·114	+15·400	− 4	...	...
...	19·369	+12·138	− 4	...	...
281					
*	+19·680	−16·269	1·40	46.5847	9·2
...	20·072	− 5·924	− 4	...	...
...	20·212	−29·720	0·65	...	...
...	20·912	+18·913	− 3	...	...
...	20·970	+16·568	− 2	...	...
...	+21·251	− 3·057	− 1	...	...
*	21·824	−13·260	1·20	46.5848	9·2
...	21·962	+20·948	0·80	...	...
...	22·523	+29·268	− 1	...	...
S*	22·851	−14·826	1·50	46.5850	8·8
291					
...	+23·172	−45·941	− 4	...	...
...	23·296	−17·720	0·70	...	...
...	23·530	−52·416	− 3	...	...
...	23·861	−42·135	− 3	...	...
...	23·876	−17·964	− 4	...	...
...	+23·974	−10·199	− 4	...	...
...	24·199	+42·155	− 5	*m*	...
...	24·496	−32·711	− 3	...	...
...	25·130	+21·737	− 5	*m*	...
...	25·801	+36·508	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
301–340					
301				°	
...	+25′·914	+19′·277	− 1	...	...
...	26·563	+ 6·204	0·90	45.5930	9·8
...	26·640	−22·327	− 4	*a*	...
*	26·951	−29·573	0·90	46.5852	9·8
...	27·608	+51·593	− 4	...	...
...	+27·750	+20·934	− 3	...	...
*	27·857	−47·030	1·60	46.5853	8·8
...	27·928	+25·042	0·85	45.5931	9·8
...	28·242	+58·224	− 5	...	...
...	28·291	+49·464	0·75	...	...
311					
...	+29·069	+12·953	− 2	...	...
...	29·108	+16·182	− 3	...	...
...	29·295	− 6·321	− 5	...	...
...	29·299	+30·187	− 3	...	...
...	29·895	+ 8·537	− 1	...	...
...	+30·128	+57·677	− 4	...	...
...	30·567	− 3·196	− 5	*m*	...
...	31·012	− 5·770	0·80	45.5932	9·8
...	31·068	+36·264	− 1	...	...
...	31·089	+27·435	− 4	...	...
321					
...	+31·741	−10·233	− 1	...	...
...	32·108	+23·013	− 5	...	...
...	32·284	−26·952	− 5	*m*	...
...	32·651	+11·929	− 5	*m*	...
*	33·027	+19·366	1·05	45.5933	9·4
*	+33·235	−39·228	0·95	46.5855	9·5
...	33·333	−28·945	− 3	...	...
...	33·747	+24·684	− 5	...	...
...	34·198	− 3·490	− 4	...	...
...	34·326	+20·259	− 5	...	...
331					
...	+34·443	+47·764	− 5	...	...
*	34·583	−36·607	0·95	46.5856	9·4
...	34·584	−19·607	− 3	...	...
...	34·584	−58·906	− 3	...	...
*	35·094	−29·801	1·00	46.5857	9·3
...	+35·621	−50·909	− 2	...	...
*	35·845	−28·222	0·95	46.5858	9·6
*	35·848	+51·703	1·10	44.5977	9·3
...	35·994	+14·451	− 3	...	...
...	36·388	+17·807	0·85	45.5934	9·8
341–380					
341				°	
...	+36′·402	−55′·631	0·90	46.5859	9·8
*	38·319	+58·009	1·10	44.5978	9·6
...	38·668	−41·141	− 5	...	...
*	38·776	−26·518	1·00	46.5860	9·4
...	39·166	+55·594	− 5	...	...
...	+39·428	+16·899	− 1	...	...
†	39·842	−29·958	− 4	...	...
*	39·897	+24·284	1·20	45.5935	9·2
...	40·061	+14·412	− 5	*m*	...
...	40·422	− 5·118	− 5	...	...
351					
...	+40·423	+58·338	− 5	...	...
*	41·140	−20·701	1·20	46.5862	9·2
S*	41·221	+ 7·950	1·80	45.5936	8·7
...	41·424	−41·316	− 5	*m*	...
...	41·458	+57·113	− 5	...	...
...	+41·494	− 0·491	− 2	α	...
...	42·003	+50·127	− 2	...	...
...	42·363	+21·345	− 5	...	...
*	42·371	−40·531	1·30	46.5863	9·2
...	42·422	+50·730	− 5	*m*	...
361					
...	+42·685	−46·826	− 5	...	...
...	42·820	−11·777	− 5	...	...
...	42·839	+ 1·944	− 5	...	...
...	42·962	−34·286	− 3	...	...
*	43·233	+18·448	1·00	45.5937	9·3
*	+43·417	−26·141	1·00	46.5864	9·4
...	43·697	+15·963	− 5	*m*	...
...	44·004	−43·710	0·90	46.5866	9·8
...	44·008	+37·325	− 4	...	...
*	44·116	−27·392	0·90	46.5865	9·8
371					
...	+44·394	+20·811	− 5	*m*	...
...	44·488	+57·629	− 4	...	...
†	44·807	+11·655	− 5	*m*	...
...	44·977	+ 2·402	− 5	*m*	...
*	45·709	+54·586	1·70	44.5982	9·0
...	+46·208	+51·174	0·70	45.5938	9·8
...	46·254	−30·433	− 5	*m*	...
...	46·450	+24·297	− 5	...	...
...	46·578	+ 2·871	− 3	...	...
...	46·886	+15·993	− 2	...	...
381–416					
381				°	
...	+47′·005	+51′·141	− 3	...	...
...	47·108	−10·249	− 5	*m*	...
...	47·213	+21·848	− 4	...	...
S ‡	47·638	+49·930	1·45	45.5939	8·8
...	47·735	+ 4·181	− 2	...	...
...	+47·744	−59·275	− 5	...	...
...	47·846	+16·375	− 3	...	...
...	48·147	−44·295	− 3	...	...
...	48·211	+31·906	− 5	...	...
...	49·015	−45·862	− 5	*m*	...
391					
*	+49·185	−47·686	1·30	46.5867	9·5
...	49·553	+45·086	− 5	*m*	...
...	50·654	+ 8·141	0·65	45.5940	9·8
...	50·676	+ 2·154	− 5	...	...
*	50·713	− 2·249	1·30	45.5941	8·8
...	+51·359	−10·880	− 5	*m*	...
...	51·436	−59·248	− 4	...	...
...	51·552	+36·277	0·70	45.5942	9·8
...	51·684	+ 0·808	− 5	*m*	...
...	51·810	−57·324	− 1	...	...
401					
...	+51·950	−46·155	− 5	*m*	...
*	52·207	− 2·645	1·00	45.5943	9·2
*	52·967	− 1·519	0·90	45.5944	9·5
...	53·991	−35·510	− 5	...	...
...	54·978	− 6·636	0·85	...	...
...	+55·010	− 1·925	− 5	...	...
...	55·243	+41·184	− 4	...	...
...	55·666	+ 6·449	− 5	...	...
*	56·165	+ 6·932	1·20	45.5945	9·2
†	56·444	+34·939	− 2	...	...
411					
...	+56·565	+ 2·239	− 3	...	...
...	56·580	+10·050	− 5	*m*	...
S*	56·716	−14·706	2·00	46.5871	8·6
...	56·812	+ 8·764	− 3	...	...
...	58·094	+ 5·452	− 5	...	...
...	+59·410	+27·361	− 2	...	...

−46° No. 76 D,−5. 1902·28 12h 30m

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
1–10					
1				°	
‡	−59′·983	−26′·403	1·20	46.5864	9·4
...	59·621	+50·954	− 3	45.5938	9·8
...	59·246	−27·631	0·95	46.5865	9·8
...	58·851	−43·947	− 1	46.5866	9·8
...	58·798	+50·957	− 3	...	...
S*	−58·145	+49·762	1·70	45.5939	8·8
...	57·840	+15·818	− 3	...	...
...	57·705	+21·674	− 3	...	...
...	56·908	+16·224	− 4	...	...
...	56·630	+ 4·040	− 3	...	...
11–20					
11				°	
...	−53′·828	+36′·245	0·90	45.5942	9·8
...	53·826	+ 8·080	− 1	45.5940	9·8
...	53·610	+ 2·098	− 5	...	...
...	53·543	−47·767	1·30	46.5867	9·5
*	53·442	− 2·295	1·50	45.5941	8·8
*	−51·922	− 2·646	1·20	45.5943	9·2
*	51·219	− 1·499	1·10	45.5944	9·5
...	50·939	−59·256	− 5	...	...
...	50·643	−57·314	− 5	...	...
...	50·279	+41·236	− 5	...	...
21–30					
21				°	
...	−49′·051	− 6′·549	− 1	...	...
†	48·892	+35·049	− 3	...	...
*	48·284	+ 7·038	1·50	45.5945	9·2
...	47·730	+ 2·370	− 3	...	...
...	47·708	+ 8·906	− 4	...	...
S*	−47·054	−14·560	2·00	46.5871	8·6
...	45·697	+27·564	− 2	...	...
†	44·998	+54·821	− 4	...	...
...	44·006	− 6·160	0·85	45.5946	9·8
...	43·147	+ 8·245	− 3	...	...

MC measured from 1, 141.
ES ,, ,, 63, 200.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
31–90					
31	′	′		°	
...	−42·208	+42·345	− 5	...	...
...	41·137	−13·392	− 2	...	...
...	40·586	− 4·642	− 2	...	...
...	40·519	+52·619	− 4	...	...
...	39·940	−29·366	− 1	46.5872	9·8
...	−39·895	−25·450	− 5	...	...
...	39·894	+38·236	− 2	...	...
...	39·067	+12·537	− 4	...	...
...	38·976	+51·311	− 4	...	...
...	38·958	+50·493	− 4	...	...
41					
...	−38·330	+ 6·196	− 4	...	...
...	38·025	+38·835	− 3	...	...
...	37·948	−53·453	− 5	...	...
...	37·339	+ 7·656	− 4	A	...
...	37·118	−14·970	− 5	...	...
*	−36·599	− 9·606	1·50	46.5873	9·0
...	35·957	+16·432	− 5	...	...
*	35·183	+21·812	1·30	45.5947	9·2
...	34·689	− 1·735	− 3	...	...
*	34·222	+ 9·459	1·20	45.5948	9·2
51					
...	−33·987	+58·445	− 5	...	...
...	33·539	− 2·115	− 5	...	...
*	33·223	+12·307	1·00	45.5949	9·4
...	33·070	−35·026	− 4	...	...
...	32·259	+23·467	0·65	45.5950	9·8
...	−32·244	+ 9·125	− 4	...	...
*	32·082	+41·149	1·40	45.5951	9·2
...	31·351	+46·487	0·95	45.5953	9·8
...	31·294	−47·332	− 5	...	...
...	31·260	+39·902	− 2	45.5952	9·8
61					
...	−31·151	−16·014	0·90	46.5875	9·8
...	31·080	−58·805	− 4	...	...
...	29·748	−28·573	− 4	...	...
...	29·350	−16·278	0·95	46.5876	9·6
...	29·216	+36·903	− 2	...	...
...	−28·492	−45·298	− 4	...	...
...	28·165	+42·083	− 3	...	...
...	27·950	+38·159	− 4	...	...
...	27·298	− 5·430	− 4	...	...
*	27·113	+27·793	1·15	45.5954	9·4
71					
...	−25·606	+56·089	− 2	...	...
...	25·208	−31·670	− 4	...	...
...	25·022	+ 9·807	0·75	45.5955	9·8
...	24·252	+ 9·115	− 5	...	...
*	24·021	−29·679	2·80	46.5878	8·1
...	−23·694	−21·546	0·85	46.5879	9·6
...	23·601	−50·359	− 5	...	...
...	23·108	+51·991	− 4	...	...
*	22·756	−14·330	1·80	46.5880	8·7
...	22·751	−40·326	− 2	...	...
81					
...	−22·596	+ 1·881	− 3	45.5956	9·8
...	22·404	+ 7·836	− 3	45.5957	9·8
S*	22·214	+40·731	2·70	45.5958	8·2
...	20·987	+50·247	0·70	45.5959	9·8
...	20·639	−16·166	− 3	46.5881	9·8
...	−20·633	−45·151	− 2	...	...
*	20·216	+28·783	1·05	45.5960	9·2
...	19·275	−58·614	− 5	...	...
...	19·255	−23·004	0·95	46.5882	9·5
...	19·051	−17·113	− 3	...	...
91–150					
91	′	′		°	
...	−18·856	+59·301	− 5	...	...
...	18·450	+36·671	− 3	...	...
...	18·146	+45·425	− 5	A	...
...	18·094	+17·299	− 2	...	...
...	17·191	−40·821	− 5	...	...
*	−16·924	− 5·227	1·20	45.5961	9·2
...	16·886	+40·481	− 5	...	...
...	16·244	−39·338	− 5	...	...
...	16·166	+53·769	− 5	...	...
...	15·683	−12·940	− 5	...	...
101					
...	−15·389	−51·120	− 2	...	...
...	15·297	+12·275	− 5	...	...
*	14·810	+25·099	1·10	45.5962	9·3
S*	14·082	+13·518	1·05	45.5963	9·0
...	14·021	−48·730	− 3	...	...
...	−13·721	+ 6·721	− 3	...	...
...	13·616	+50·033	0·80	45.5964	9·6
...	13·007	+10·702	− 5	...	...
...	12·793	−25·380	− 3	46.5883	9·8
*	12·767	+34·230	1·10	45.5965	9·2
111					
...	−12·433	+47·140	0·70	...	...
...	11·935	+ 6·788	0·80	45.5966	9·4
...	11·896	−53·006	− 5	...	...
...	11·315	−53·046	0·95	46.5884	9·8
...	11·313	− 2·479	− 5	...	...
S*	−11·235	−34·616	2·10	46.5885	8·6
...	10·402	+ 2·861	0·95	45.5967	9·3
‡	10·068	−22·965	0·95	46.5887	9·6
*	9·211	+47·417	1·20	45.5968	9·2
...	8·705	−51·620	− 4	...	...
121					
...	− 8·660	−58·572	0·85	46.5888	9·8
...	7·911	+ 7·163	0·70	45.5969	9·8
...	7·358	−50·355	− 2	46.5889	9·6
...	7·103	−50·369	0·80		
...	6·147	− 1·735	− 5	*m*	...
...	− 5·711	+58·010	0·75	44.6010	9·8
†	5·119	−44·144	1·00	46.5892	9·3
†	5·058	+29·931	− 3	45.5970	9·8
...	4·824	−44·183	− 5	...	...
...	4·435	−16·900	− 4	...	...
131					
...	− 4·402	−37·642	− 4	...	...
...	4·064	−20·019	0·85	46.5893	9·6
...	3·634	+25·110	− 5	...	...
...	3·287	−41·645	− 5	...	...
...	2·965	−25·538	0·70	...	...
...	− 2·869	−52·286	− 3	...	...
...	2·620	+38·032	− 5	...	...
...	2·257	+52·022	− 5	...	...
...	0·475	−38·119	− 3	46.5894	9·8
...	0·429	+42·676	− 2	...	...
141					
†	− 0·153	−59·058	− 5	...	...
†	− 0·134	−30·967	− 3	...	...
...	+ 0·216	−18·092	− 4	...	...
...	1·695	−41·633	− 4	...	...
...	1·981	− 2·578	− 3	...	...
...	+ 2·066	− 1·326	− 4	...	...
...	2·641	+29·141	− 3	...	...
*	2·754	−53·954	1·00	46.5895	9·5
*	3·197	+46·694	1·10	45.5971	9·4
...	3·691	+44·467	− 2	...	...
151–210					
151	′	′		°	
...	+ 3·886	− 2·862	− 4	...	...
*	4·654	+18·292	1·00	45.5972	9·4
...	5·470	+13·609	0·90	45.5973	9·5
...	5·798	+56·216	− 3	...	...
...	6·099	− 1·754	− 3	...	...
...	+ 6·190	−22·654	0·90	46.5896	9·6
...	6·733	−13·994	− 5	*m*	...
...	6·963	−44·208	− 1	46.5897	9·8
...	7·375	−31·715	0·65	...	...
*	7·554	+51·546	1·80	45.5974	8·8
161					
...	+ 7·586	−47·353	− 5	...	...
...	7·905	+36·623	− 2	45.5975	9·8
S*	8·112	−16·690	2·10	46.5898	8·6
...	8·723	− 7·745	0·90	45.5976	9·6
...	8·762	−28·630	0·75	46.5899	9·8
...	+ 9·919	+36·323	0·90	45.5977	9·5
...	11·076	−46·179	− 3	...	...
...	11·441	+15·201	− 5	...	...
...	12·032	− 5·136	− 4	*a*	...
S*	12·092	+50·049	1·15	45.5978	9·0
171					
...	+12·183	−40·407	− 5	*a*	...
...	13·783	+39·678	− 2	45.5979	9·8
...	14·629	+21·274	− 2	45.5980	9·8
...	15·198	+49·727	− 2	...	...
...	16·152	− 3·818	− 1	45.5981	9·8
...	+16·214	+11·214	− 3	...	...
...	16·855	− 4·760	− 1	45.5982	9·8
...	17·188	+44·160	0·95	45.5983	9·8
...	17·973	−31·498	− 5	*a*	...
...	18·348	−25·581	− 2	...	...
181					
...	+18·515	−39·471	− 3	...	...
...	19·105	−20·294	1·10	46.5900	9·4
...	19·319	+ 7·005	− 3	...	...
...	20·043	−12·068	− 3	...	...
...	20·249	− 7·011	1·20	45.5984	9·3
*	+20·461	−24·252	1·30	46.5901	9·2
...	20·993	−53·737	0·85	46.5902	9·6
...	21·055	+29·000	− 5	...	...
...	21·220	+32·751	− 3	...	...
...	23·105	−52·552	− 5	*a*	...
191					
...	+23·724	+57·122	− 2	44.6020	9·8
...	26·365	−47·626	1·00	46.5903	9·5
...	26·417	−14·160	− 3	...	...
*	26·530	−25·498	1·10	46.5904	9·4
...	28·105	+ 5·225	− 5	...	...
S*	+28·747	−34·033	2·60	46.5905	8·1
...	28·820	−16·072	− 5	...	...
...	29·546	−26·509	0·85	46.5906	9·8
...	29·662	− 0·858	− 5	...	...
*	30·263	+30·892	1·35	45.5985	9·2
201					
*	+30·471	− 7·230	1·60	45.5986	9·0
...	30·822	− 7·324	− 5	...	...
*	30·952	−44·149	1·15	46.5907	9·2
...	31·482	−12·083	− 2	...	...
...	31·553	−40·196	− 5	...	...
...	+32·153	−47·880	− 5	...	...
...	32·595	+29·717	− 5	...	...
...	32·842	−42·549	− 5	...	...
...	32·874	+39·602	− 3	...	...
...	33·065	+35·802	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
211–240					
211	′	′		°	
*	+33·268	+59·310	1·35	44.6022	9·2
...	33·568	+24·537	− 5	...	...
...	33·637	+ 1·331	− 1	45.5987	9·8
...	34·440	+24·509	− 2	...	...
...	34·593	−33·499	− 2	...	...
...	+34·622	−12·045	− 4	...	...
...	34·939	+ 5·501	− 5	...	...
...	34·967	+ 5·243	− 1	45.5988	9·8
...	35·001	+ 8·498	0·90	45.5989	9·6
...	35·584	− 3·242	− 5	...	...
221					
...	+35·834	+46·687	− 5	...	...
*	37·365	−23·954	1·20	46.5908	9·2
...	37·843	−19·161	− 5	*b*	...
...	38·219	−48·792	− 5	*b*	...
†	38·628	−24·905	− 5	*a*	...
*	+38·765	+59·066	1·80	44.6027	9·0
...	38·820	+51·497	− 5	...	...
...	39·220	− 7·852	− 5	...	...
...	39·371	−19·708	− 3	...	...
...	39·992	− 6·331	− 5	...	...
231					
...	+40·199	+30·847	− 3	...	...
...	40·276	−27·873	− 4	...	...
...	40·361	−53·225	− 5	...	...
...	40·521	−18·992	− 1	46.5909	9·8
...	40·813	+26·438	− 5	...	...
S*	+40·984	+43·468	1·80	45.5990	8·7
...	42·032	+44·300	− 3	...	...
...	43·197	+31·402	− 4	...	...
...	44·039	−11·769	− 4	...	...
...	44·289	+21·274	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
241–270					
241	′	′		°	
S*	+45·004	+13·930	1·05	45.5991	9·2
...	45·044	+31·211	− 3	...	...
*	45·768	+ 0·574	1·40	45.5992	9·2
...	46·150	+49·533	− 3	...	...
...	46·776	−38·387	− 5	...	...
...	+48·267	+44·747	− 1	45.5993	9·8
...	48·349	+ 5·563	− 5	...	...
...	49·561	−32·895	0·85	46.5912	9·8
†	49·665	+37·477	− 5	...	...
...	50·253	−47·335	− 5	*e*	...
251					
...	+50·320	+38·070	0·70	45.5994	9·8
...	50·759	− 2·151	0·95	45.5995	9·5
...	51·558	−58·932	− 1	46.5913	9·8
...	51·588	−20·018	− 4	*e*	...
...	52·528	−34·411	− 5	...	...
...	+52·598	+41·203	− 1	45.5996	9·8
...	53·739	+24·480	0·90	45.5997	9·6
...	53·776	−36·635	1·10	46.5914	9·5
...	54·178	+10·651	− 5	...	...
*	54·452	+45·694	1·90	45.5998	8·8
261					
...	+55·100	−10·027	− 5	...	...
...	55·345	−15·224	− 5	...	...
...	55·372	−38·008	− 5	...	...
...	55·841	+53·578	0·90	44.6033	9·8
...	56·391	+27·630	− 4	...	...
...	+56·851	−52·853	1·15	46.5918	9·6
...	56·943	+24·616	− 3	...	...
*	57·149	−10·039	1·20	46.5917	9·3
...	58·056	+13·179	0·75	45.5999	9·8
...	58·119	−27·176	− 3	46.5919	9·8

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
271–272					
271	′	′		°	
*	+58·477	− 0·696	1·25	45.6000	9·2
...	59·464	−40·539	− 3	...	...

1–20					
I	′	′		°	
†	−59·803	−11·990	− 4	...	...
S*	59·642	+13·708	1·00	45.5991	9·2
...	59·633	+49·334	− 3	...	...
...	59·443	+15·243	− 5	M	...
...	58·865	−33·186	− 5	M	...
*	−58·459	+ 0·377	1·00	45.5992	9·2
...	58·187	+11·748	− 4	...	...
...	57·359	+44·612	− 1	45.5993	9·8
...	56·234	−38·533	− 3	...	...
...	56·142	−44·640	− 5	M	...
II					
†	−56·046	+ 5·442	− 4	...	...
...	55·798	+19·569	− 4	...	...
...	55·727	+37·393	− 4	...	...
...	55·100	+37·999	0·70	45.5994	9·8
...	54·739	−13·901	− 5	M	...
...	−54·493	− 6·471	− 5	M	...
...	53·717	−11·961	− 5	M	...
...	53·669	+ 2·648	− 5	M	...
...	53·634	−32·944	0·75	46.5912	9·8
*	53·396	− 2·181	0·85	45.5995	9·5

21–40					
21	′	′		°	
...	−53·363	+51·219	− 5	...	...
...	53·063	−42·266	− 5	M	...
...	52·932	− 3·693	− 5	M	...
...	52·918	+41·208	0·65	45.5996	9·8
...	52·468	−47·359	− 4	E	...
...	−52·441	−44·074	− 5	M	...
...	52·010	−20·013	− 2	E	...
...	51·401	− 1·279	− 5	M	...
*	51·243	+24·532	0·75	45.5997	9·6
*	51·197	+45·757	1·60	45.5998	8·8
31					
...	−50·814	−58·911	0·70	46.5913	9·8
...	50·615	−34·364	− 4	...	...
...	50·374	+10·713	− 4	...	...
...	50·167	−34·657	− 5	M	...
*	50·056	+53·663	0·90	44.6033	9·8
...	−49·744	−38·857	− 5	M	...
...	49·492	+16·150	− 5	...	...
...	49·415	+37·919	− 4	...	...
...	49·409	−41·616	− 4	B	...
*	49·305	−36·543	0·85	46.5914	9·5

41–60					
41	′	′		°	
...	−48·956	−32·510	− 5	M	...
...	48·888	+17·817	− 4	...	...
...	48·804	− 9·922	− 4	...	...
...	48·787	−41·206	− 5	M	...
...	48·713	+27·757	− 2	...	...
...	−48·500	+36·120	− 5	...	...
...	48·406	−15·112	− 3	...	...
...	48·058	+24·758	− 2	...	...
†	47·728	−34·464	− 4	B	...
...	47·680	−37·880	− 4	...	...
51					
...	−47·550	−22·767	− 5	M	...
...	46·912	+59·643	− 5	...	...
*	46·769	− 9·858	0·90	46.5917	9·3
...	46·592	+13·368	0·65	45.5999	9·8
...	46·559	− 8·821	− 5	M	...
...	−45·928	+23·191	− 5	M	...
*	45·736	− 0·482	1·10	45.6000	9·2
...	45·722	−52·667	0·95	46.5918	9·6
...	45·512	+38·666	− 4	...	...
...	45·486	−52·440	− 4	A	...

ES measured from 1, 185, 385.
MC ;, ,, 85, 287, 494.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
61–120					
61	′	′		°	
…	−45·474	+53·223	− 4	…	…
…	45·411	+ 9·543	− 5	…	…
…	45·257	−26·964	− 1	46.5919	9·8
…	44·511	−55·996	− 4	B	…
N [	44·508	+34·076	− 4	…	…
N [	−44·474	+34·063	− 3	…	…
…	44·409	+24·044	− 5	…	…
…	44·119	+ 4·982	− 3	…	…
…	44·055	+45·232	− 5	…	…
…	43·995	+25·607	− 5	…	…
71					
S *	−43·741	−14·254	1·30	46.5921	8·8
…	43·689	−11·854	− 4	B	…
…	43·572	−12·205	0·70	46.5922	9·8
…	43·497	−40·263	− 1	…	…
* [	43·165	+23·826	3·00	45.6001	7·3
…	−42·845	+28·872	− 3	…	…
…	42·634	+21·011	− 5	…	…
…	42·549	+29·393	− 4	…	…
…	42·105	−28·647	− 5	M	…
…	41·921	+ 4·931	− 5	B	…
81					
*	−41·487	− 9·608	0·80	46.5924	9·6
…	41·370	−17·680	− 4	A	…
…	40·471	−36·599	0·85	46.5925	9·8
…	40·276	−31·580	− 5	M	…
…	39·556	+33·829	− 4	…	…
…	−39·541	−13·172	− 5	M	…
S *	39·541	−33·625	1·18	46.5926	8·8
…	39·392	−27·195	− 1	46.5927	9·8
…	39·322	−27·097	− 4	B	…
…	38·926	+ 1·177	− 4	…	…
91					
…	−38·739	+27·133	0·70	45.6003	9·8
* [	38·625	+ 3·970	1·00	45.6002	9·2
…	38·529	+19·899	− 3	…	…
…	38·510	+59·029	− 5	…	…
…	38·476	−37·081	− 3	…	…
…	−38·313	−43·647	− 4	B	…
…	38·307	−39·064	− 1	…	…
…	38·227	−14·246	− 3	…	…
…	38·072	+ 1·290	− 3	…	…
…	37·526	−28·450	− 1	46.5928	9·8
101					
…	−37·431	−33·433	− 5	M	…
…	37·303	−45·213	− 4	B	…
…	36·599	+31·791	− 2	…	…
…	36·485	+ 6·512	− 4	…	…
…	36·293	+50·691	− 4	…	…
*	−35·851	−25·507	0·85	46.5930	9·6
…	35·765	+24·052	− 3	…	…
…	35·551	+44·974	0·80	45.6005	9·6
…	35·476	− 6·214	0·70	45.6004	9·8
‡	34·948	+49·244	1·00	45.6006	9·3
111					
†	−34·819	+46·680	− 4	…	…
…	34·797	−53·443	− 4	A	…
…	34·558	−41·981	− 4	B	…
…	34·396	+20·099	− 2	…	…
…	34·340	+15·655	− 2	…	…
…	−34·276	+41·503	− 4	…	…
…	34·223	+40·472	− 5	…	…
…	34·122	− 9·313	− 4	…	…
…	34·023	−49·076	0·90	46.5931	9·6
…	33·892	− 9·006	− 4	…	…
121–180					
121	′	′		°	
…	−33·636	+ 8·256	− 5	…	…
…	33·331	−13·045	− 4	B	…
…	33·087	+25·725	− 4	…	…
…	33·047	−34·701	0·75	…	…
…	32·994	−55·015	− 5	M	…
…	−32·861	+52·550	− 2	…	…
*	32·428	+43·229	0·90	45.6007	9·6
…	31·927	− 5·269	− 5	M	…
…	31·914	−43·514	− 4	B	…
…	31·891	+33·344	− 4	…	…
131					
…	−31·631	−27·007	− 3	…	…
*	31·422	+50·600	1·30	45.6008	8·8
…	31·119	+ 2·978	− 3	…	…
…	30·911	−33·739	− 5	M	…
*	30·885	−43·220	1·80	46.5932	8·5
…	−30·411	+22·290	− 4	…	…
…	30·290	+30·133	− 4	…	…
…	30·091	−56·588	− 3	…	…
†	29·927	−55·525	− 2	…	…
…	29·673	−42·647	− 4	A	…
141					
…	−29·634	+48·355	− 4	…	…
…	29·576	− 0·803	− 5	M	…
…	29·544	+30·485	− 2	…	…
…	29·523	−47·749	0·80	46.5933	9·8
…	29·313	+35·124	− 3	…	…
…	−29·291	−29·582	− 5	M	…
*	29·211	−47·901	0·90	46.5934	9·8
*	28·662	+18·174	1·20	45.6009	8·8
…	28·591	−16·860	− 3	B	…
…	26·898	−49·317	− 5	M	…
151					
…	−26·758	−49·637	− 2	…	…
…	26·581	+18·048	− 4	…	…
…	26·534	−28·934	− 4	A	…
…	26·371	− 9·160	− 4	B	…
…	25·890	+ 8·227	− 3	…	…
…	−25·840	−32·549	− 4	A	…
…	25·774	−38·425	− 5	M	…
…	25·369	−27·699	0·70	46.5936	9·8
…	25·291	−57·148	− 4	B	…
…	24·735	+54·017	− 5	…	…
161					
…	−24·722	−14·396	− 2	…	…
*	24·176	−54·177	1·10	46.5937	9·2
…	24·100	−52·400	− 5	M	…
…	24·065	−28·393	− 5	M	…
…	23·747	−28·150	− 4	B	…
…	−23·654	+54·789	− 1	…	…
*	23·505	+18·270	0·85	45.6010	9·8
…	23·498	+30·304	− 5	…	…
S *	23·450	+56·751	1·90	44.6043	8·4
…	23·411	−50·171	− 3	…	…
171					
…	−23·363	+ 3·858	− 3	…	…
…	23·295	+25·478	− 4	…	…
…	23·265	+27·158	− 5	…	…
…	23·162	−18·841	− 5	M	…
…	23·094	−10·993	− 2	…	…
…	−22·988	−44·751	− 5	M	…
…	22·875	−57·019	− 4	B	…
…	21·372	+42·129	0·70	45.6011	9·8
…	21·326	−43·051	0·80	46.5939	9·8
…	20·983	−14·875	− 5	M	…
181–240					
181	′	′		°	
*	−20·887	−40·754	0·90	46.5940	9·6
…	20·745	−19·295	0·85	46.5942	9·5
…	20·203	−30·493	− 4	B	…
…	20·147	−23·925	− 3	…	…
*	19·808	−23·234	0·95	46.5943	9·3
…	−19·802	+17·597	− 5	B	…
…	19·800	+25·618	− 3	…	…
…	19·654	−33·108	− 2	…	…
…	19·441	+ 6·011	− 4	…	…
…	19·252	+29·890	− 4	…	…
191					
†	−18·816	+40·348	− 2	45.6012	9·8
…	18·457	−39·361	− 2	46.5944	9·8
…	18·112	+11·919	− 5	A	…
*	17·922	−31·991	0·80	46.5945	9·8
…	17·471	−13·325	− 2	…	…
…	−17·391	−57·476	− 4	A	…
…	17·293	−50·328	− 4	A	…
…	17·094	+54·838	0·65	44.6045	9·8
*	17·081	−41·973	0·95	46.5946	9·3
…	16·962	+23·354	− 4	…	…
201					
…	−16·524	−56·539	− 5	M	…
…	16·311	−29·387	− 2	…	…
…	16·280	−21·291	− 4	A	…
…	16·182	+48·855	− 4	…	…
*	16·091	−27·416	0·85	46.5948	9·4
…	−16·061	−46·592	− 5	M	…
…	15·789	+24·428	0·80	45.6013	9·6
…	15·587	+ 5·638	0·75	45.6014	9·8
…	15·188	+26·131	− 2	…	…
…	15·124	+ 7·971	− 5	…	…
211					
…	−15·112	+50·971	− 5	…	…
…	15·044	−12·973	− 5	M	…
…	14·860	+56·379	− 5	…	…
…	14·706	−23·233	− 5	M	…
…	14·522	+38·231	− 5	B	…
…	−13·901	+18·826	− 3	…	…
…	13·846	−11·374	− 5	M	…
S *	13·724	−46·827	1·20	46.5949	8·8
…	13·646	−14·812	− 5	M	…
…	13·543	+22·706	− 5	…	…
221					
…	−13·170	+56·663	− 4	…	…
…	12·978	+53·866	− 5	…	…
…	12·440	+45·476	− 5	…	…
…	12·105	− 4·126	− 5	M	…
…	12·028	−47·613	− 4	A	…
…	−11·885	− 0·215	− 5	M	…
…	11·678	−27·412	− 4	…	…
…	11·589	−37·147	− 5	M	…
…	11·427	+26·153	− 5	B	…
*	10·599	+59·034	0·90	44.6051	9·6
231					
S *	−10·519	+11·352	1·05	45.6015	8·9
…	10·388	−48·745	− 2	…	…
…	10·326	+33·742	− 2	…	…
…	10·312	−40·959	− 3	…	…
†	9·994	−29·610	− 4	…	…
†	− 9·920	+ 6·082	− 4	…	…
†	9·905	−15·647	− 5	M	…
*	9·763	+38·602	2·10	45.6017	8·3
…	9·533	+19·765	− 1	45.6016	9·8
…	9·241	−48·788	− 5	M	…

65, 66. 45°·76, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
241–300					
241					
...	− 9′·207	+41′·551	− 5	°B	...
...	9·166	−39·123	0·65	46.5950	9·8
...	9·100	+37·682	− 5	A	...
F *	8·368	+ 0·125	1·00	45.6018	9·2
...	8·186	+44·457	− 5	M	...
...	− 8·073	−52·260	− 5	M	...
...	7·774	+51·187	− 5	B	...
...	7·597	+51·074	0·65	45.6019	9·8
...	7·162	−16·934	− 3	...	...
*	7·155	−58·829	0·90	46.5951	9·6
251					
...	− 7·110	+31·243	− 3	...	...
...	6·677	− 2·532	− 4	M	...
...	6·490	+12·055	− 5	M	...
*	5·926	−26·582	0·90	46.5953	9·6
*	5·835	−47·184	0·95	46.5952	9·4
...	− 5·805	−30·761	− 4	...	...
...	5·274	−23·177	− 5	M	...
...	5·079	+22·649	− 5	M *m*	...
...	4·859	−30·475	− 5	M	...
...	4·178	+46·604	− 4	...	...
261					
*	− 3·916	−43·939	0·90	46.5955	9·3
...	3·803	−48·649	− 2	...	...
...	3·733	+12·059	− 3	...	...
...	3·504	−54·849	0·70	46.5957	9·8
...	3·438	−20·023	− 5	M	...
...	− 3·340	−51·654	− 5	M	...
*	3·340	+33·469	1·00	45.6020	9·2
*	3·202	+55·056	0·95	44.6054	9·4
*	3·199	+38·889	0·80	45.6021	9·5
S *	3·181	−23·227	1·70	46.5958	8·4
271					
...	− 3·090	+ 3·981	− 3	...	...
...	2·955	−47·123	0·85	46.5959	9·6
*	2·280	+41·794	0·90	45.6022	9·3
...	2·274	+18·094	− 5	M *m*	...
...	2·122	+23·527	− 2	...	...
...	− 2·065	−11·614	− 5	M *m*	...
...	1·947	+42·732	− 5	B *m*	...
...	1·528	+ 8·906	− 4	...	...
...	1·194	+11·572	− 5	M *m*	...
...	1·148	+51·000	− 4	...	...
281					
...	− 0·931	+42·830	0·70	...	...
*	0·802	+41·178	1·10	45.6023	8·8
...	0·657	−17·405	− 4	M	...
...	0·421	−55·065	− 5	M	...
...	0·140	+42·311	− 5	...	...
*	− 0·112	+35·014	0·90	45.6024	9·3
...	+ 0·258	−45·775	− 4	M	...
...	0·338	+ 7·393	− 4	...	...
*	0·445	−24·274	0·90	46.5960	9·3
...	0·501	−10·841	− 4	M	...
291					
...	+ 0·621	+43·604	− 5	B *m*	...
...	0·725	+48·511	− 4	...	...
...	1·089	−37·755	− 1	...	...
...	1·303	−36·283	− 1	...	...
...	1·397	+38·240	− 5	B *m*	...
*	+ 1·471	−49·870	1·00	46.5961	9·4
...	1·556	−37·828	− 2	...	...
...	1·936	−43·830	0·65	46.5962	9·8
...	2·168	+34·619	− 5	M *m*	...
...	2·326	−55·434	− 5	M	...
301–360					
301					
...	+ 2′·680	+27′·226	0·70	°45.6025	9·8
...	3·056	−43·434	− 3	M	...
...	3·090	−41·766	− 5	M	...
*	3·121	− 1·895	1·00	45.6026	9·2
S *	3·237	+42·105	2·20	45.6027	7·8
...	+ 3·666	+43·056	− 5	B *m*	...
*	3·749	+51·250	1·10	45.6028	8·8
...	3·812	− 2·226	− 4	B *m*	...
...	4·054	− 3·218	− 4	B *m*	...
*	4·079	−21·554	0·85	46.5963	9·6
311					
...	+ 4·262	−15·408	− 1	...	...
...	4·511	+29·561	− 1	...	...
†	5·024	−38·101	− 5	M	...
...	5·090	+50·170	0·75	45.6029	9·8
...	5·110	−22·246	− 3	...	...
...	+ 5·139	− 4·214	− 2	...	...
*	5·238	−56·011	0·90	46.5964	9·5
...	5·919	−55·617	− 4	M	...
...	6·008	+53·037	− 4	...	...
...	6·042	+12·426	− 3	...	...
321					
*	+ 6·242	−23·232	1·20	46.5965	8·9
...	6·755	+23·190	− 4	...	...
...	6·837	+45·671	− 3	...	...
...	6·961	−25·945	− 4	M	...
...	7·008	+35·912	− 5	M	...
...	+ 7·368	−12·515	− 3	...	...
...	7·368	+ 2·211	0·75	45.6030	9·8
...	7·568	+38·969	− 5	*m*	...
‡	7·844	− 9·504	1·00	46.5966	9·2
...	7·967	+21·726	− 5	...	...
331					
...	+ 8·028	+32·642	− 4	...	...
...	8·106	−46·065	− 5	*m*	...
...	8·244	−33·550	− 4	...	...
*	8·520	+28·319	1·40	45.6031	8·7
*	8·534	−52·621	1·00	46.5967	9·2
...	+ 8·557	−41·144	− 5	*m*	...
...	8·807	−16·879	0 65	46.5968	9·8
*	9·232	− 7·382	1·10	45.6032	9·2
...	9·529	+ 2·632	− 3	...	...
...	10·153	+ 0·750	− 4	...	...
341					
...	+10·385	+51·344	− 5	...	...
*	10·660	− 0·073	1·00	45.6033	9·2
...	10·798	+ 8·690	− 5	*m*	...
...	11·249	+ 3·698	− 5	*m*	...
*	11·507	+ 7·870	1·00	45.6034	9·2
...	+11·531	+48·362	− 4	...	...
S *	11·673	−44·018	1·90	46.5969	8·2
...	11·750	+48·718	− 5	...	...
...	12·041	−38·188	− 5	...	...
...	12·109	− 3·451	− 1	...	...
351					
...	+12·290	+35·558	− 2	...	...
...	12·328	+39·637	− 5	...	...
†	12·404	−29·454	− 3	...	...
*	12·510	+43·513	0·90	45.6035	9·6
...	13·000	+16·914	− 4	...	...
...	+13·524	−58·892	− 1	...	...
...	13·693	−47·887	− 2	...	...
...	13·704	−28·377	− 4	...	...
...	13·914	+46·700	− 4	*a*	...
...	14·077	−15·774	− 3	...	...
361–420					
361					
...	+14′·212	+42′·427	− 1	° ...	...
...	14·675	+42·841	− 5	...	...
...	15·118	−20·674	− 3	...	...
*	15·144	+ 8·492	1·30	45.6036	8·8
...	15·382	+48·458	− 4	...	...
...	+15·747	−18·183	− 3	...	...
...	16·644	+18·056	0·65	...	...
*	16·663	+16·445	0·95	45.6037	9·5
...	16·711	+17·822	− 5	...	...
...	16·927	−22·760	− 3	...	...
371					
...	+16·934	+39·377	− 1	...	...
...	16·965	−33·734	− 4	...	...
...	17·068	−24·719	− 4	...	...
...	17·288	−54·330	0·85	46.5970	9·8
...	17·610	−52·199	0·85	46.5971	9·8
...	+17·638	+ 2·488	0·75	45.6038	9·8
...	17·781	−26·198	0·70	46.5972	9·8
...	18·001	+41·589	− 5	...	...
...	18·208	−27·009	− 1	...	...
...	18·246	+57·131	− 5	...	...
381					
...	+19·055	+40·048	− 4	...	...
...	19·135	−34·743	− 4	...	...
...	19·184	−19·106	− 4	...	...
...	19·474	+ 5·505	− 3	...	...
†	20·015	+13·255	− 5	...	...
...	+20·263	−36·080	0·70	46.5973	9·8
...	20·307	+44·007	0·75	45.6039	9·8
...	20·330	+18·611	− 2	...	...
...	20·420	+50·048	− 5	*m*	...
*	20·681	+34·649	1·40	45.6040	8·9
391					
...	+20·682	−33·931	− 4	...	...
...	20·696	−51·119	− 5	...	...
...	20·699	+38·004	− 2	...	...
...	20·766	+ 2·489	− 4	...	...
*	21·023	+24·634	1·00	45.6041	9·4
...	+21·242	+ 8·490	− 2	45.6042	9·8
...	21·460	−16·877	− 4	...	...
...	21·520	−27·293	− 5	*a*	...
...	21·531	+56·461	− 5	...	...
...	21·783	+ 9·629	− 5	...	...
401					
...	+22·377	−32·312	− 3	...	...
...	22·512	+38·253	− 2	...	...
...	22·855	−37·708	− 4	...	...
...	22·945	−46·715	− 1	...	...
...	23·136	−45·022	0·80	46.5975	9·8
...	+23·150	+ 4·410	− 5	*m*	...
...	23·169	+ 7·763	− 5	*m*	...
...	23·177	+42·985	0·85	45.6043	9·8
...	23·260	+ 7·055	− 4	...	...
...	23·408	−18·059	− 4	...	...
411					
...	+23·590	+15·302	− 5	...	...
...	23·810	− 7·131	− 5	...	...
...	24·140	−48·683	0·80	46.5976	9·8
...	24·151	+42·927	− 4	...	...
...	24·349	+58·775	0·70	44.6064	9·8
S *	+24·720	+ 3·315	1·70	45.6044	8·4
...	24·745	+ 6·353	− 5	...	...
†	25·094	−19·453	− 3	...	...
...	25·290	+17·808	− 4	...	...
...	25·467	−26·359	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
421–480					
421					
...	+25·571	+45·507	0·70	45.6045	10·0
...	25·815	−36·892	− 2	46.5977	10·2
...	26·014	−27·563	− 5	...	...
...	26·247	−57·993	− 4	...	...
...	26·445	−41·820	− 4	...	...
...	+27·113	−24·230	− 5	...	...
...	27·125	+24·994	− 5	*m*	...
*	27·354	− 6·662	1·10	45.6046	9·2
...	27·410	+41·450	− 2	...	...
...	27·710	−34·212	− 5	...	...
431					
...	+27·788	−43·012	− 3	...	...
...	27·820	−39·036	− 4	...	...
...	27·890	+ 1·454	− 5	...	...
...	28·444	+ 0·879	− 5	...	...
...	29·013	+49·459	− 3	...	...
...	+29·267	+23·797	− 5	...	...
...	29·307	+46·494	− 5	*b*	...
...	29·384	−44·585	− 3	...	...
...	29·392	+37·277	− 5	...	...
...	29·599	+ 2·075	− 5	...	...
441					
...	+29·630	−27·669	− 5	...	...
...	30·082	−33·337	− 2	...	...
...	30·115	+50·025	− 5	...	...
...	30·130	−51·368	− 5	...	...
...	31·565	−39·302	− 5	*m*	...
...	+31·624	−21·639	− 5	*m*	...
...	32·140	+46·894	0·65	45.6047	10·0
...	32·917	− 2·162	− 4	...	...
...	33·058	+43·326	0·65	45.6048	10·2
...	33·096	+28·194	− 4	...	...
451					
...	+33·256	− 0·842	− 4	...	...
*	33·270	−41·554	1·30	46.5979	9·2
...	33·503	+ 1·046	− 5	*m*	...
...	33·817	−53·674	− 5	...	...
*	33·987	+23·088	1·25	45.6049	9·0
...	+33·987	−33·786	− 2	...	...
...	34·007	−46·288	− 5	*m*	...
*	34·029	+58·441	1·80	44.6071	9·0
...	34·063	− 6·922	0·65	45.6050	10·0
...	34·248	−30·370	− 5	...	...
461					
...	+34·361	+41·697	− 5	...	...
...	34·423	+59·999	− 5	...	...
...	34·444	+10·711	− 5	*m*	...
...	34·651	−28·020	− 5	*m*	...
...	34·666	−53·038	0·90	46.5980	9·8
...	+34·757	+48·528	− 5	*m*	...
...	34·812	+16·483	0·75	45.6051	9·6
*	35·225	− 1·983	1·00	45.6052	9·2
...	35·451	+19·205	− 5	*m*	...
...	35·669	+49·081	− 4	...	...
471					
...	+35·767	−38·631	− 5	*m*	...
...	36·106	−35·251	− 1	...	...
...	36·141	+35·908	− 5	*m*	...
...	36·174	+32·104	− 3	...	...
...	36·188	+18·463	− 3	...	...
...	+36·232	−35·047	− 5	*m*	...
...	36·360	−17·080	− 5	...	...
...	36·635	−56·925	− 5	...	...
...	36·725	+10·143	− 4	...	...
...	37·058	−26·473	− 4	...	...
481–540					
481					
S *	+37·144	− 3·793	1·40	45.6053	8·7
...	37·362	−34·600	− 5	*m*	...
...	37·425	+38·709	− 4	...	...
...	37·737	−12·954	− 5	*m*	...
...	37·966	−12·133	− 5	*m*	...
...	+38·027	−38·529	− 5	...	...
...	38·389	−12·438	− 5	*m*	...
...	38·836	+37·409	− 5	...	...
...	39·031	−11·684	− 5	...	...
...	39·299	+54·161	− 3	44.6078	10·2
491					
...	+39·400	−27·393	− 5	...	...
...	39·421	+13·954	− 4	...	...
...	39·769	− 2·547	− 5	*m*	...
‡	39·911	−24·524	1·00	46.5981	9·0
...	40·029	+47·172	0·70	45.6054	10·0
...	+40·364	+ 3·210	− 3	...	...
...	40·800	+45·996	− 4	...	...
...	40·831	+26·283	− 4	...	...
...	41·405	− 1·319	− 4	...	...
...	41·424	−12·049	0·75	46.5983	9·9
501					
S *	+41·754	+42·986	1·35	45.6055	8·7
...	41·874	− 0·776	− 5	*m*	...
‡	41·899	+ 5·455	0·90	45.6056	9·5
*	42·645	+38·158	1·20	45.6057	8·8
...	42·681	−23·652	− 5	*m*	...
...	+42·727	−47·260	0·80	46.5984	9·8
...	43·399	+ 2·742	− 3	...	...
...	43·620	−37·524	− 4	...	...
*	43·904	−23·092	0·90	46.5985	9·5
...	44·064	− 4·488	− 4	...	...
511					
...	+44·526	−39·604	− 5	*e*	...
...	44·599	+ 8·327	− 3	...	...
‡	44·882	−16·545	0·85	46.5986	9·6
...	44·951	+31·047	− 5	...	...
...	45·380	+ 5·689	− 4	...	...
...	+45·589	−29·181	− 4	...	...
...	46·253	−21·305	− 3	...	...
...	46·352	+ 2·740	− 5	*e*	...
*	46·352	+27·539	0·95	45.6058	9·6
*	46·388	+20·736	0·90	45.6059	9·6
521					
...	+46·835	−44·891	− 5	*e*	...
...	46·905	+43·825	− 5	...	...
*	46·992	+ 8·206	0·90	45.6060	9·6
...	47·637	+43·405	− 3	...	...
...	47·671	+45·135	0·80	45.6061	9·8
...	+47·715	− 6·504	0·65	45.6062	10·2
...	47·875	+34·025	− 5	...	...
...	47·918	+ 4·711	− 5	...	...
...	48·211	−41·116	− 4	...	...
...	48·285	− 6·943	− 4	*e*	...
531					
...	+48·350	+31·501	− 5	...	...
...	48·560	+23·965	− 3	...	...
*	48·607	+21·976	1·30	45.6063	8·8
...	48·792	−31·827	− 2	...	...
...	48·993	− 8·189	− 4	*a*	...
†	+49·078	+45·312	0·75	45.6064	10·0
...	49·449	+ 4·374	− 5	...	...
S *	49·600	−40·978	2·00	46.5987	7·7
‡	49·875	− 6·493	0·90	45.6065	9·5
...	49·987	−22·170	− 4	...	...
541–578					
541					
...	+50·488	−22·429	− 5	*m*	...
*	50·550	−58·610	1·20	46.5988	9·3
...	50·650	+17·898	0·80	45.6066	10·0
...	50·923	−50·753	− 2	...	...
...	51·165	+22·978	− 2	...	...
...	+51·834	−18·523	− 3	...	...
*	52·034	+ 3·775	1·00	45.6067	9·5
...	52·251	+41·421	− 4	...	...
...	52·803	−33·330	− 5	*m*	...
...	53·078	− 6·380	− 4	...	...
551					
*	+53·566	−24·827	1·00	46.5989	9·5
...	53·953	−40·574	− 1	46.5990	10·2
...	54·422	+60·057	− 3	44.6095	10·2
...	54·460	− 6·675	0·65	45.6069	10·2
...	54·607	−38·177	− 2	...	...
*	+54·641	−19·200	0·90	46.5991	9·6
†	54·928	+43·047	0·90	45.6068	9·6
...	55·510	+ 4·199	− 5	*e*	...
...	55·989	+ 3·824	− 3	...	...
*	57·134	+23·338	0·90	45.6070	9·9
561					
*	+57·346	−44·946	1·20	46.5992	9·0
*	57·938	−19·719	1·10	46.5993	9·2
...	57·997	−57·722	− 4	...	...
...	58·006	+43·908	− 3	45.6071	10·2
...	58·056	− 2·703	− 3	...	...
*	+58·278	−20·040	1·50	46.5994	8·8
...	58·330	−45·542	− 4	...	...
S ‡	58·437	+15·420	1·60	45.6072	8·5
f	58·474	− 0·223	0·80	45.6073	10·0
...	58·702	+ 0·976	− 4	...	...
571					
...	+58·918	−53·625	− 3	46.5996	10·0
...	58·975	−58·774	− 5	...	...
...	59·097	−34·874	− 5	...	...
...	59·103	−25·084	0·70	46.5995	9·9
...	59·340	−19·112	− 5	*m*	...
...	+59·552	−11·359	− 3	...	...
...	59·743	−42·744	− 3	...	...
†	59·856	+27·734	− 1	45.6074	9·9

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
1–60					
I	′	′		°	
…	−59·899	+ 8·085	− 3	…	…
*	59·598	−23·335	0·95	46.5985	9·5
…	59·434	−37·780	− 5	…	…
†	59·024	+ 5·470	− 3	…	…
*	58·823	−16·764	0·90	46.5986	9·6
*	−58·743	+27·329	0·95	45.6058	9·6
…	58·719	+43·651	− 5	…	…
*	58·481	+20·530	0·90	45.6059	9·6
…	58·465	−39·829	− 5	E	…
…	57·984	+44·973	0·90	45.6061	9·8
II					
…	−57·966	+ 2·558	− 4	E	…
…	57·965	+43·239	− 3	…	…
…	57·733	−29·385	− 4	…	…
*	57·502	+ 8·032	0·90	45.6060	9·6
…	57·438	+33·872	− 4	…	…
…	−57·313	−21·484	− 3	…	…
…	56·890	+31·371	− 5	…	…
…	56·562	+45·187	0·90	45.6064	10·0
…	56·461	+ 4·576	− 5	…	…
…	56·427	+23·830	− 3	…	…
21					
*	−56·309	+21·845	1·20	45.6063	8·8
…	56·299	− 6·650	0·70	45.6062	10·2
…	55·996	−45·049	− 5	E	…
…	55·735	− 7·067	− 4	E	…
…	54·929	+ 4·294	− 4	…	…
…	−54·731	−41·218	− 4	…	…
…	54·443	−31·916	− 2	…	…
*	54·158	− 6·566	0·90	45.6065	9·5
…	54·135	+17·835	0·80	45.6066	10·0
…	53·798	+22·940	− 2	…	…
31					
…	−53·556	−22·236	− 4	…	…
…	53·460	+41·886	− 5	…	…
S*	53·330	−41·041	2·30	46.5987	7·7
…	53·272	+41·389	− 3	…	…
*	52·314	+ 3·767	1·00	45.6067	9·5
*	−51·835	−58·636	1·10	46.5988	9·3
…	51·819	−18·540	− 2	…	…
…	51·713	−50·773	− 2	…	…
…	51·699	+60·089	− 3	44.6095	10·2
…	50·949	− 6·350	− 4	…	…
41					
*	−50·669	+43·087	1·00	45.6068	9·6
…	50·434	−27·949	− 5	B	…
*	49·893	−24·775	0·95	46.5989	9·5
…	49·877	+39·158	− 5	…	…
…	49·564	− 6·591	0·75	45.6069	10·2
…	−49·004	−40·502	0·65	46.5990	10·2
*	48·996	−19·113	0·90	46.5991	9·6
…	48·862	+ 4·296	− 5	E	…
…	48·427	−38·083	− 2	…	…
…	48·377	+ 3·940	− 3	…	…
51					
*	−47·837	+23·473	0·85	45.6070	9·9
…	47·618	+44·052	− 1	45.6071	10·2
…	46·945	−44·934	− 5	A	…
S*	46·271	+15·609	1·80	45.6072	8·5
…	46·104	− 2·518	− 3	…	…
F	−45·757	− 0·030	0·80	45.6073	10·0
‡	45·666	−19·532	1·10	46.5993	9·2
…	45·566	+ 1·178	− 3	…	…
*	45·469	−44·774	1·20	46.5992	9·0
*	45·316	−19·853	1·60	46.5994	8·8
61–120					
61	′	′		°	
…	−45·247	+27·959	0·75	45.6074	9·9
…	45·086	−32·425	− 5	A	…
‡	45·080	+37·211	0·85	45.6075	9·6
…	44·483	−45·323	0·65	…	…
…	44·446	−57·520	− 3	…	…
…	−44·351	−24·853	0·85	46.5995	9·9
…	44·334	−11·122	− 2	…	…
…	44·044	−34·634	− 4	…	…
…	43·631	−53·375	0·65	46.5996	10·0
…	43·430	+12·670	− 1	45.6076	10·2
71					
…	−43·427	−58·528	− 4	…	…
…	43·318	+38·778	− 3	…	…
…	43·153	−42·479	− 1	…	…
…	43·152	+20·050	− 4	…	…
…	42·781	+44·233	− 4	…	…
…	−42·395	−43·922	− 1	…	…
…	42·259	− 1·498	− 5	M	…
…	42·242	−21·437	− 5	M	…
…	42·088	+12·481	0·85	45.6077	9·6
…	42·072	−53·616	− 4	…	…
81					
…	−41·765	− 1·487	− 4	A	…
*	41·613	−16·826	0·90	46.5997	9·6
…	41·460	+ 0·542	− 3	…	…
…	41·294	+56·028	− 3	…	…
…	40·831	−30·295	− 3	…	…
…	−40·641	+ 5·096	− 3	…	…
*	40·202	−25·891	0·85	46.5999	9·9
…	40·133	−53·278	− 5	…	…
†	40·009	− 4·609	− 2	45.6078	10·2
…	39·825	+25·832	− 2	…	…
91					
…	−39·711	−27·921	− 5	…	…
…	39·488	−52·736	− 5	…	…
…	39·454	+ 5·514	0·65	45.6079	10·0
…	39·394	+32·006	− 3	…	…
…	39·349	−59·249	− 5	…	…
…	−39·073	−18·517	− 5	M	…
…	38·857	−33·690	− 5	…	…
…	38·830	−44·910	− 5	…	…
…	38·782	+ 6·899	− 5	…	…
*	38·741	−57·980	1·70	46.6000	8·8
101					
…	−38·517	+ 7·560	0·75	45.6080	9·9
…	38·354	+57·173	− 3	…	…
…	38·175	−38·299	− 5	A	…
…	38·175	+14·294	− 5	…	…
…	38·099	+10·491	− 5	…	…
…	−37·857	−38·199	− 5	A	…
…	37·721	−11·703	− 2	46.6002	10·2
…	37·665	+ 5·023	− 5	B	…
…	37·522	−22·630	− 5	…	…
S*	37·275	−43·953	1·05	46.6003	9·0
111					
…	−37·061	+14·704	− 5	…	…
…	36·961	+31·872	− 2	…	…
…	36·618	+47·650	− 5	…	…
…	36·575	+50·037	− 5	…	…
…	36·184	−31·137	− 5	…	…
…	−36·126	−44·536	0·65	46.6004	10·0
…	35·746	+14·862	− 5	…	…
…	35·426	+39·255	− 4	…	…
…	35·424	+39·158	− 5	…	…
…	35·221	+31·096	0·65	45.6081	10·0
121–180					
121	′	′		°	
*	−34·249	− 1·821	0·80	45.6082	9·9
…	34·118	+43·402	0·70	45.6084	10·0
…	33·853	− 4·006	− 3	45.6083	10·2
*	33·370	+13·853	0·85	45.6085	9·4
…	33·026	−57·355	− 5	M	…
*	−33·023	−22·739	1·10	46.6006	9·0
…	32·870	−44·513	− 5	M	…
N [	32·569	+29·873	− 4	45.6086	10·2
N [	32·529	+29·851	− 3		
…	32·429	−44·978	− 1	46.6007	10·0
131					
…	−31·621	+35·254	− 4	…	…
…	31·390	+59·023	− 5	…	…
…	31·210	+24·310	− 5	A	…
*	31·056	− 1·909	0·80	…	…
…	30·845	−45·626	− 5	…	…
…	−30·662	−52·539	− 4	…	…
…	30·383	+44·922	− 4	…	…
†	30·054	+44·253	− 1	45.6087	10·0
…	29·858	+ 2·949	− 5	…	…
S*	29·448	− 5·130	1·00	45.6088	9·0
141					
…	−29·355	−46·925	− 3	…	…
…	29·348	− 9·130	− 2	46.6009	10·2
…	29·288	−23·982	− 2	46.6008	10·2
…	28·832	−16·209	− 3	46.6011	10·2
…	28·072	+41·931	− 5	…	…
…	−28·057	+38·575	− 5	M	…
…	27·982	+24·586	− 2	45.6089	10·2
…	27·979	−56·313	− 1	46.6012	10·2
‡	27·887	+60·227	1·40	44.6111	9·0
…	27·049	−15·791	0·80	46.6013	9·5
151					
*	−27·047	+37·537	0·95	45.6090	9·4
…	26·776	−37·731	− 5	M	…
…	26·724	+48·810	− 4	…	…
…	26·580	+22·984	− 5	…	…
*	26·577	−25·209	0·85	46.6014	9·6
…	−26·348	−10·707	− 3	…	…
…	25·925	+32·533	− 4	…	…
*	25·918	+25·757	0·95	45.6091	9·5
…	25·698	− 0·958	− 5	M	…
…	25·553	+15·998	− 5	…	…
161					
…	−25·476	−47·644	− 3	…	…
…	25·201	−59·204	− 5	…	…
…	25·141	− 9·739	− 5	M	…
…	24·839	−28·021	− 5	…	…
…	24·145	+33·183	− 3	…	…
…	−23·647	−38·344	0·85	46.6016	9·6
…	23·610	−32·365	− 5	…	…
…	23·089	+23·764	− 2	45.6092	10·2
…	22·166	+45·152	− 4	…	…
…	22·057	−42·981	0·65	46.6017	10·0
171					
…	−21·325	+51·444	− 3	…	…
…	20·774	−33·033	− 4	…	…
…	20·762	+16·270	− 3	…	…
…	20·520	−52·404	− 5	A	…
…	20·388	− 5·103	− 3	45.6093	10·2
…	−20·299	+51·552	− 4	…	…
…	20·027	−11·329	0·85	46.6019	9·6
*	19·982	−50·600	0·90	46.6018	9·5
…	19·551	+52·557	− 5	A	…
…	19·496	− 2·993	− 2	…	…

MC measured from 1, 177, 351.
ES ,, ,, 89, 259, 447.

128, 129. 45°·77, mass.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−4.	No.	Mag.
181–240					
181				°	
...	−19·412	−33·284	− 3	...	...
...	19·344	+46·709	− 5	...	...
...	18·979	− 6·468	− 2	...	...
...	18·857	+51·916	− 2	44.6119	10·2
...	18·663	−20·476	− 4	...	...
...	−18·322	+57·494	− 5	M	...
...	17·427	+ 3·709	0·95	45.6094	9·6
...	17·397	+51·693	− 3	...	...
...	17·295	+55·698	− 4	...	...
...	17·267	+35·469	− 3	...	...
191					
...	−16·938	+38·380	− 3	...	...
...	16·680	−35·224	− 5	A	...
...	16·189	−21·666	− 2	46.6020	10·2
...	15·988	−48·373	− 4	A	...
...	15·982	+30·225	− 2	...	...
...	−15·821	−53·875	− 5	...	...
...	15·665	+47·875	− 2	...	...
...	15·646	+42·367	− 2	...	...
...	15·262	+ 0·623	− 5	M	...
...	15·001	− 8·315	− 3	...	...
201					
*	−14·911	+43·668	0·90	45.6095	9·9
*	14·761	−37·375	1·20	46.6021	9·2
...	13·890	− 0·394	− 3	...	...
...	13·640	+14·376	− 5	...	...
...	13·602	−55·657	− 5	A	...
...	−13·368	−21·791	− 5	...	...
...	12·914	+24·157	− 5	...	...
...	12·874	−15·886	− 3	...	...
...	12·725	+52·378	0·80	44.6125	10·2
...	12·400	−17·979	− 3	...	...
211					
*	−12·366	−18·911	1·20	46.6022	9·0
...	12·089	−10·105	− 4	...	...
*	11·625	+24·967	1·30	45.6096	9·2
...	11·606	+49·414	− 3	...	...
...	11·578	+40·986	0·70	45.6097	10·2
...	−11·518	+12·743	−'2	45.6099	10·2
...	11·505	+21·280	0·65	45.6098	10·2
...	11·275	+26·830	− 4	...	...
*	11·013	+34·058	1·10	45.6100	9·2
...	10·988	−57·926	− 5	A	...
221					
...	−10·718	−17·380	0·75	46.6024	9·9
...	10·378	− 7·399	− 3	45.6101	10·2
...	10·337	−29·011	− 5	...	...
...	9·538	−18·588	0·65	46.6025	10·2
...	9·346	−57·641	− 4	...	...
S *	− 9·260	−46·613	1·00	46.6026	9·2
†	9·218	−44·464	− 4	...	...
...	9·114	+30·519	− 2	...	...
...	8·946	−40·453	− 4	...	...
...	8·180	−36·586	− 4	*m*	...
231					
...	− 8·071	−58·521	− 2	46.6027	10·2
...	7·943	−21·874	0·70	46.6028	10·0
...	7·831	− 7·999	− 2	45.6102	10·2
...	7·392	+14·217	0·80	45.6103	9·8
...	7·236	+54·186	− 3	...	...
S *	− 7·120	+54·888	1·15	44.6133	9·0
...	6·477	−43·493	− 3	...	...
...	5·719	+57·094	− 1	44.6134	10·2
...	5·328	+47·417	− 3	...	...
...	5·268	+24·715	− 3	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−4.	No.	Mag.
241–300					
241				°	
‡	− 5·160	+ 7·109	1·00	45.6104	9·3
...	4·808	−39·617	− 3	...	...
*	4·515	+27·381	1·00	45.6105	9·3
*	4·484	+56·367	0·95	44.6136	9·9
*	3·808	−30·972	0·90	46.6029	9·6
...	− 3·735	−57·747	− 5	...	...
...	3·629	−25·343	− 5	*m*	...
...	3·456	+ 4·269	− 5	*m*	...
...	3·430	− 4·752	− 4	*m*	...
...	3·389	−37·770	− 2	46.6030	10·2
251					
...	− 3·171	+44·743	− 5	M	...
...	2·921	−55·939	− 3	...	...
...	2·175	−41·068	− 3	...	...
...	2·105	+43·197	− 5	M *m*	...
...	1·485	+32·579	− 2	...	...
...	− 1·188	+11·146	− 4	...	...
...	1·088	−24·594	− 3	...	...
...	− 0·323	−37·515	0·80	46.6031	9·9
...	+ 0·033	+43·300	0·65	45.6106	10·0
...	0·089	+35·762	− 5	...	...
261					
...	+ 0·295	−10·332	− 1	46.6032	10·0
...	0·647	+16·599	− 5	*m*	...
...	0·745	−51·437	− 4	...	...
...	1·293	+23·959	0·75	45.6107	9·8
...	1·321	−33·692	− 5	M *b*	...
...	+ 1·344	+44·838	− 3	...	...
...	1·606	−52·385	− 5	...	...
...	1·723	−21·323	− 5	...	...
...	2·591	−41·746	− 5	...	...
...	2·667	+58·190	− 5	...	...
271					
...	+ 3·144	+56·832	− 5	...	...
...	3·590	− 1·352	− 5	*m*	...
...	3·678	+ 4·037	− 4	45.6108	10·2
...	3·788	−55·758	− 5	*m*	...
...	3·789	−13·942	0·75	46.6033	9·6
S ‡	+ 3·845	+25·331	1·05	45.6109	9·0
...	4·225	−30·047	− 5	...	...
...	4·289	+ 1·500	0·80	45.6110	9·8
...	4·484	+19·370	− 4	...	...
...	4·991	−56·988	0·65	46.6035	10·0
281					
...	+ 5·001	−34·041	− 2	46.6036	10·0
*	5·147	−21·704	1·00	46.6037	9·2
...	5·556	−13·742	− 5	...	...
...	5·641	+44·767	− 5	...	...
...	6·021	+30·863	− 5	...	...
...	+ 6·389	−44·103	− 5	M *a*	...
...	6·398	−46·162	− 5	*m*	...
...	6·587	−59·231	− 5	*m*	...
...	6·733	−19·170	− 5	...	...
...	7·268	−16·518	− 1	46.6038	10·0
291					
...	+ 7·316	−34·251	− 4	...	...
...	7·571	+51·705	− 5	...	...
*	7·933	−24·383	1·15	46.6039	9·0
...	8·214	−37·290	− 4	...	...
...	8·281	−33·758	− 3	...	...
...	+ 8·430	+11·923	− 5	*m*	...
...	8·531	+45·869	− 4	...	...
...	8·636	−57·706	− 5	...	...
*	8·923	+19·925	2·40	45.6111	8·2
...	8·943	−17·926	− 3	46.6040	10·2

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−4.	No.	Mag.
301–360					
301				°	
...	+ 9·443	−48·570	− 5	...	...
...	9·887	−26·742	− 5	...	...
...	10·253	−28·648	− 3	46.6041	10·2
...	10·401	+21·949	− 5	*m*	...
...	10·573	+50·237	− 5	*m*	...
...	+10·641	+53·981	0·65	44.6143	10·2
†	10·868	−39·471	− 4	...	...
...	10·929	+56·811	− 5	...	...
*	11·146	+20·211	0·90	45.6112	9·6
...	11·293	+57·544	0·70	44.6144	10·2
311					
...	+11·466	+ 1·618	− 5	...	...
...	11·542	+12·703	− 4	...	...
*	11·726	+33·677	1·10	45.6113	9·2
...	11·847	+34·630	− 2	45.6114	10·2
...	11·888	+29·504	− 3	...	...
...	+12·080	+24·692	− 5	*m*	...
...	12·186	+50·853	− 5	...	...
...	12·298	+31·413	− 5	*m*	...
...	12·607	−24·955	− 4	...	...
...	13·268	−21·329	− 3	...	...
321					
...	+13·431	−30·425	0·75	46.6043	9·8
...	13·915	+51·368	0·70	45.6115	10·0
...	14·302	+41·292	0·65	45.6116	10·0
...	14·378	−29·136	− 4	...	...
...	14·451	−42·754	− 5	*b*	...
...	+14·632	+35·149	− 5	...	...
†	14·780	−23·287	0·65	46.6046	9·9
...	15·087	−39·619	− 5	...	...
‡	15·087	−34·422	1·05	46.6047	9·2
*	15·574	−39·977	1·80	46.6049	8·6
331					
...	+15·986	+29·315	− 4	...	...
...	16·128	+46·179	− 4	...	...
...	16·350	+51·108	− 3	...	...
...	16·609	−13·618	− 3	...	...
...	16·735	−37·427	0·65	46.6050	9·8
...	+16·881	+26·961	− 4	...	...
*	16·883	−39·914	0·80	46.6051	9·8
...	17·065	−58·192	− 5	...	...
...	17·283	+48·334	− 5	...	...
†	17·420	+45·339	− 5	...	...
341					
...	+17·478	− 8·212	− 3	...	...
*	17·660	−52·587	1·30	46.6052	8·8
...	17·714	+54·761	− 1	44.6147	10·2
...	17·970	−58·623	0·65	46.6053	9·9
...	18·054	−45·497	− 4	...	...
...	+18·684	−48·683	− 5	...	...
...	18·938	−49·669	− 5	...	...
...	19·009	+25·671	0·70	45.6117	10·0
*	19·096	+40·129	1·15	45.6118	9·3
...	19·356	+31·080	− 4	...	...
351					
...	+20·539	+38·469	− 5	*b*	...
...	20·811	+39·635	− 5	*b*	...
...	20·862	−22·300	− 3	...	...
...	20·991	+51·763	− 4	...	...
...	21·007	−18·725	− 4	...	...
*	+21·301	+ 8·719	1·10	45.6119	9·4
...	22·229	+ 8·841	0·90	45.6120	9·6
...	22·323	−16·194	− 4	...	...
...	22·511	+48·754	− 4	...	...
...	22·700	+54·287	− 2	44.6153	10·2

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
361–420					
361					
...	+22′·702	−33′·222	− 5	°b	...
†	22·730	− 4·582	− 3	45.6121	10·0
*	22·859	− 6·463	0·90	45.6122	9·5
...	24·021	+54·432	− 4	...	...
...	24·122	+23·863	0·80	45.6123	9·6
†	+24·832	+60·029	− 5	*m*	...
S ‡	24·900	+ 6·753	2·05	45.6124	8·2
...	25·016	+ 7·062	− 5	*b*	...
...	25·211	−23·638	− 3	...	...
...	25·290	−29·839	0·65	46.6056	9·6
371					
...	+25·464	− 0·744	− 4	*a*	...
...	25·554	+ 7·756	− 5	*b*	...
...	25·577	−20·942	− 4	*a*	...
*	25·742	−31·530	3·50	46.6057	7·3
‡	25·978	−29·422	1·40	46.6058	9·0
...	+26·297	−21·395	− 3	...	...
...	26·546	− 4·711	− 3	...	...
...	27·065	+ 7·413	− 5	*b*	...
*	27·100	+44·452	1·30	45.6125	9·0
*	27·263	−49·241	1·00	46.6059	9·2
381					
...	+27·332	+27·291	− 1	45.6126	10·2
...	27·499	− 5·373	0·80	45.6127	9·9
...	27·922	−19·725	0·80	46.6060	9·6
...	28·000	− 7·770	− 3	...	...
...	28·071	+ 8·106	− 3	...	...
...	+28·088	+27·616	− 5	*m*	...
...	28·669	+47·664	0·90	45.6128	9·8
...	29·061	+13·437	0·70	45.6129	10·0
...	29·299	+31·836	− 3	...	...
*	29·497	+34·309	2·00	45.6130	8·3
391					
*	+29·559	− 7·739	0·90	45.6131	9·6
...	29·575	+ 2·478	− 5	*m*	...
‡	29·831	+13·087	1·00	45.6132	9·2
*	29·990	+21·316	0·90	45.6133	9·5
...	30·030	−45·773	− 2	46.6062	10·2
*	+30·204	− 9·649	0·95	46.6061	9·6
...	30·555	−58·014	0·90	46.6063	9·8
...	31·145	−20·466	− 3	...	...
...	31·661	+26·889	− 4	*b*	...
...	32·031	+41·594	0·65	45.6134	10·0
401					
...	+32·197	+ 7·164	− 3	...	...
...	32·359	−54·081	0·85	46.6064	10·0
...	32·511	+ 3·569	− 3	...	...
...	32·647	−19·824	− 4	...	...
...	32·845	+36·417	− 4	*b*	...
...	+33·270	−48·045	− 5	*m*	...
...	33·325	+33·029	0·80	45.6135	10·0
...	33·547	−40·618	− 5	*b*	...
...	33·699	+22·017	− 4	...	...
...	33·717	+33·702	0·70	45.6137	10·2
411					
*	+33·722	+46·857	1·00	45.6136	9·4
...	33·739	−40·436	− 4	*a*	...
...	34·056	+18·275	− 3	...	...
*	34·199	+22·348	0·95	45.6138	9·6
*	34·387	+ 9·634	0·95	45.6139	9·6
*	+34·431	−37·713	1·00	46.6066	9·3
...	34·440	+33·995	− 5	*m*	...
...	34·865	−23·647	− 4	...	...
*	35·035	−32·899	0·90	46.6067	9·6
S *	35·276	+52·633	1·80	44.6162	8·8
421–480					
421					
...	+35′·564	−34′·247	− 2	46°.6068	10·2
...	36·053	+40·682	− 5	*m*	...
...	36·148	−34·783	− 4	*b*	...
...	36·172	−33·814	0·90	46.6070	9·8
...	36·175	−16·191	− 3	46.6069	10·2
...	+36·323	+24·567	− 3	...	...
*	36·360	+34·478	2·30	45.6140	8·0
...	36·382	−10·249	− 3	...	...
...	36·518	−43·950	− 4	*a*	...
...	37·045	+ 7·492	− 5	*m*	...
431					
...	+37·128	+46·777	− 5	...	...
...	37·226	−14·627	− 5	*m*	...
...	37·545	−29·717	0·80	46.6072	9·8
...	37·569	−27·933	− 5	*a*	...
...	37·653	−11·824	0·70	46.6071	10·0
*	+37·891	−52·982	1·00	46.6073	9·4
...	37·903	− 1·814	− 5	*m*	...
...	38·310	−49·108	− 3	...	...
...	38·433	+19·992	0·65	45.6141	10·0
...	38·599	+51·838	0·80	44.6165	10·0
441					
*	+38·651	−20·849	1·20	46.6075	9·0
...	38·936	+12·856	− 3	...	...
...	39·209	+ 2·333	− 2	45.6142	10·2
...	39·373	+ 6·199	− 4	...	...
...	39·434	+41·880	− 5	...	...
*	+39·663	−38·648	1·00	46.6076	9·2
‡	40·308	+35·453	1·20	45.6143	9·0
*	40·636	+50·051	1·20	45.6144	9·2
...	40·745	−24·871	− 5	*b*	...
*	40·907	− 8·399	0·80	46.6077	9·6
451					
...	+41·055	−28·319	− 5	*a*	...
†	41·269	+10·449	− 4	...	...
*	41·580	+36·306	1·10	45.6145	9·0
...	41·585	+24·815	− 5	*m*	...
...	41·999	+16·479	− 4	...	...
...	+42·450	− 8·565	0·70	46.6078	9·9
...	42·467	−13·367	− 5	*m*	...
...	42·830	−27·006	− 5	*a*	...
...	43·204	+19·046	− 4	...	...
...	43·256	−14·819	− 4	46.6079	10·2
461					
...	+43·298	+23·066	− 5	*m*	...
...	43·620	−27·887	− 5	*a*	...
...	44·875	+ 6·940	− 2	...	...
...	44·903	+52·443	0·65	44.6170	10·2
...	45·029	−35·204	− 4	*a*	...
...	+45·075	+12·033	− 3	...	...
‡	45·210	+25·332	1·80	45.6146	8·4
...	45·514	−18·230	− 3	46.6080	10·2
S *	45·741	−36·950	1·00	46.6081	9·0
...	45·995	+21·179	− 5	...	...
471					
...	+46·270	−30·395	− 4	...	...
*	46·312	− 9·398	0·80	46.6082	9·5
*	46·381	+36·917	1·10	45.6147	9·4
*	46·465	−39·033	0·90	46.6083	9·5
...	46·502	+46·507	− 5	...	...
*	+46·520	+ 3·437	1·25	45.6148	9·0
...	46·949	−55·077	− 4	46.6085	10·2
*	46·976	−44·543	1·10	46.6084	9·4
...	47·348	+29·568	− 2	45.6149	10·0
...	48·061	+41·645	− 5	...	...
481–540					
481					
...	+48′·375	−40′·020	− 5	°e	...
...	48·801	−22·522	− 4	...	...
...	48·807	+27·011	− 4	...	...
...	49·203	−25·314	− 4	...	...
*	49·577	+11·136	0·75	45.6150	9·6
†	+49·676	+25·697	− 4	...	...
...	49·868	−16·425	− 5	*m*	...
*	49·921	+27·516	1·25	45.6151	9·0
*	50·212	−26·968	0·80	46.6087	9·6
...	50·277	+ 3·761	− 5	*m*	...
491					
...	+50·679	− 5·194	− 5	*m*	...
...	50·679	−58·991	− 5	...	...
...	50·763	+ 4·187	− 5	*m*	...
...	51·378	+13·125	− 5	*m*	...
...	51·458	−55·577	− 5	*m*	...
...	+51·674	− 4·640	− 5	...	...
...	51·943	+ 1·290	− 3	45.6152	10·2
...	52·376	+ 8·088	− 4	...	...
...	52·389	− 6·467	− 5	*m*	...
...	52·593	+45·959	− 5	*m*	...
501					
...	+52·654	−32·002	− 3	...	...
...	52·741	−27·582	− 5	...	...
*	52·949	−14·676	0·85	46.6088	9·5
...	53·040	−38·023	− 3	46.6090	10·2
...	53·072	− 0·698	− 2	...	...
...	+53·120	−31·742	− 3	...	...
...	53·148	−45·034	− 5	...	...
...	53·203	−16·903	− 4	...	...
...	53·347	+37·423	0·85	45.6153	9·6
*	53·675	+ 7·419	1·70	45.6154	8·6
511					
...	+53·934	− 3·341	− 2	45.6156	10·2
...	54·174	+18·169	− 4	...	...
...	54·191	+19·048	− 4	...	...
...	54·218	−34·231	− 3	...	...
*	54·370	+22·668	0·95	45.6155	9·4
...	+54·561	+ 4·738	− 2	45.6157	10·2
†	54·778	−29·504	0·65	46.6092	10·0
...	54·968	−20·609	− 3	...	...
...	55·530	+ 5·826	− 5	*e*	...
...	55·532	−29·771	− 3	...	...
521					
...	+55·555	−19·761	− 5	*m*	...
...	55·873	+24·334	− 3	45.6158	10·2
*	56·172	−39·568	1·00	46.6093	9·5
...	56·852	+20·015	− 5	*m*	...
...	56·969	+ 7·524	− 4	*e*	...
...	+56·978	−39·953	− 2	46.6095	10·2
S *	56·981	+ 3·378	1·90	45.6159	8·4
...	57·054	−37·234	− 1	46.6094	9·8
...	57·166	−37·356	− 5	*e*	...
...	57·285	+13·293	− 5	*m*	...
531					
...	+57·554	+21·314	− 4	...	...
...	57·800	−40·140	− 4	*e*	...
*	57·872	+51·396	1·80	45.6160	9·0
...	57·922	+23·704	− 3	45.6161	10·2
...	58·142	+ 6·471	− 4	...	...
...	+58·326	−39·952	− 5	*b*	...
*	58·483	−45·357	1·80	46.6096	9·0
...	58·487	+10·526	− 4	...	...
...	58·801	+24·927	− 4	...	...
...	58·836	−17·418	− 5	*e*	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−4.	No.	Mag.
541–548					
541					
...	+58′·888	−58′·127	0·90	46°.6098	9·5
...	58·996	−31·189	0·65	46.6097	10·0
...	59·229	−57·644	0·70	46.6102	9·6
*	59·294	−38·689	0·95	46.6100	9·5
...	59·371	+18·890	− 2	45.6162	10·2
...	+59·416	−30·118	− 1	46.6099	10·2
...	59·544	− 7·115	− 5	*e*	...
†	59·651	−26·453	0·70	46.6101	9·6

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	...	No.	Mag.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	...	No.	Mag.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−4.	No.	Mag.
1–40					
1					
‡	−59′·806	+25′·125	2·00	45°.6146	8·4
...	59·581	+ 6·713	− 3	...	...
...	59·542	+11·815	− 2	...	...
*	59·006	+36·728	1·15	45.6147	9·4
...	58·151	−18·425	− 3	46.6080	10·2
*	−57·813	+ 3·267	1·40	45.6148	9·0
...	57·812	+29·411	0·65	45.6149	10·0
*	57·623	− 9·574	0·90	46.6082	9·5
S*	57·322	−37·134	1·50	46.6081	9·0
*	56·539	−39·188	1·00	46.6083	9·5
11					
...	−56·269	+26·892	− 5	...	...
*	55·868	−44·686	1·30	46.6084	9·4
...	55·559	−55·218	− 5	46.6085	10·2
...	55·356	+25·612	− 5	...	...
*	55·182	+27·429	1·50	45.6151	9·0
...	−55·002	+11·054	0·85	45.6150	9·6
...	54·721	−22·615	− 5	...	...
...	54·588	−40·118	− 5	E	...
...	54·242	−25·389	− 5	...	...
...	53·173	−27·014	0·90	46.6087	9·6
21					
...	−52·421	− 4·641	− 5	...	...
...	52·328	+ 1·280	− 3	45.6152	10·2
...	52·114	+ 8·094	− 4	...	...
...	52·055	+37·434	0·90	45.6153	9·6
...	51·704	−59·008	− 5	...	...
...	−51·132	− 0·669	− 2	...	...
*	50·832	−14·644	1·00	46.6088	9·5
*	50·781	+ 7·457	1·90	45.6154	8·6
...	50·642	+19·099	− 4	...	...
...	50·629	+18·233	− 4	...	...
31					
...	−50·575	−31·964	− 4	...	...
*	50·568	+22·726	1·05	45.6155	9·4
...	50·196	− 3·288	− 1	45.6156	10·2
...	50·114	−31·692	− 4	...	...
...	49·983	−37·974	− 3	46.6090	10·2
†	−49·824	+ 4·818	− 1	45.6157	10·2
...	49·668	−44·975	− 5	...	...
...	49·133	+24·443	− 3	45.6158	10·2
...	48·939	−34·147	− 4	...	...
...	48·888	+ 5·934	− 5	E	...
41–80					
41					
...	−48′·618	−20′·505	− 4	...	...
...	48·550	−29·410	0·70	46.6092	10·0
*	47·985	+51·555	1·80	45.6160	9·0
...	47·783	−29·647	− 3	...	...
...	47·511	+ 7·674	− 5	E	...
...	−47·360	+21·479	− 4	...	...
S*	47·351	+ 3·526	2·10	45.6159	8·4
...	47·063	+23·874	− 3	45.6161	10·2
*	46·823	−39·418	0·90	46.6093	9·5
...	46·306	+ 6·660	− 4	...	...
51					
...	−46·239	+25·132	− 4	...	...
...	46·082	+10·719	− 4	...	...
†	46·008	−39·772	− 2	46.6095	10·2
...	46·005	−37·063	− 1	46.6094	9·8
...	45·894	−37·170	− 5	E	...
...	−45·525	+37·248	0·90	45.6163	9·6
...	45·461	+19·107	− 1	45.6162	10·2
...	45·338	+30·747	− 2	45.6164	10·2
...	45·172	−39·937	− 4	E	...
†	44·843	−17·185	− 5	E	...
61					
...	−44·479	+41·912	− 4	...	...
...	44·470	− 6·871	− 5	E	...
*	44·315	−45·129	1·80	46.6096	9·0
...	44·269	−30·945	0·65	46.6097	10·0
†	43·874	−29·870	− 2	46.6099	10·2
...	−43·793	+15·786	− 5	B	...
...	43·745	−26·187	0·70	46.6101	9·6
...	43·730	−38·445	0·85	46.6100	9·5
...	43·513	−57·889	1·00	46.6098	9·5
...	43·383	+48·254	0·65	45.6165	10·0
71					
†	−43·347	−19·898	− 5	M	...
...	43·197	−57·399	0·75	46.6102	9·6
...	42·878	−44·007	− 2	46.6103	10·2
...	42·285	−59·124	− 4	46.6104	10·2
...	42·208	− 7·635	− 5	M	...
...	−42·141	+57·084	− 5	...	...
...	41·548	−27·770	− 4	...	...
...	41·431	+10·535	− 3	...	...
...	41·197	+30·755	− 5	...	...
...	40·920	−11·301	− 5	...	...
81–120					
81					
...	−40′·390	+43′·128	− 1	45°.6166	10·2
†	40·267	−54·729	0·65	46.6105	9·9
...	40·180	+ 8·406	− 4	...	...
...	40·113	−20·280	− 1	46.6106	10·0
...	39·812	+25·349	− 4	B	...
...	−39·614	−25·141	− 4	...	...
...	39·603	+33·821	− 1	45.6168	10·2
...	39·549	−17·747	− 4	...	...
...	39·520	+ 2·160	− 3	...	...
‡	39·454	+14·979	2·40	45.6167	8·0
91					
...	−39·377	+ 0·519	− 4	...	...
...	39·281	−32·644	− 5	B	...
...	39·155	+ 4·501	− 3	...	...
*	38·864	+ 8·113	0·90	45.6169	9·6
...	38·741	−15·948	0·80	46.6108	9·8
...	−38·738	−45·627	− 4	46.6107	10·2
...	38·299	+28·906	− 4	...	...
...	38·135	−27·482	− 1	46.6109	10·2
...	37·605	+27·387	− 1	45.6170	10·2
...	37·366	+14·374	− 4	B	...
101					
...	−37·347	+27·078	− 5	B	...
...	37·202	+ 8·588	− 4	...	...
*	36·697	+58·901	2·00	44.6187	8·6
...	36·549	+21·064	0·75	45.6171	9·9
...	36·450	−54·310	0·80	46.6110	9·8
...	−36·206	+21·167	− 1	...	...
...	36·087	+55·210	− 4	...	...
...	35·876	+25·529	− 4	...	...
†	34·853	+35·219	− 3	...	...
...	34·761	−33·014	− 2	46.6111	10·2
111					
S*	−34·604	− 1·868	1·15	45.6172	8·9
...	34·541	+23·705	− 3	...	...
...	34·383	−15·358	0·70	46.6112	9·9
...	34·187	−36·303	− 5	M	...
...	34·017	+43·973	0·75	45.6173	10·0
...	−33·395	−50·610	− 4	...	...
...	33·278	+ 6·476	− 4	...	...
...	32·900	−43·212	− 4	...	...
...	32·848	+12·828	− 4	...	...
...	32·779	+17·211	− 5	...	...

ES measured from 1, 180, 338.
MC ,, ,, 85, 259, 427.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
121–180					
121					
...	−32·761	−18·519	− 4	...	...
*	32·538	−48·594	0·95	46.6113	9·5
...	32·448	−48·035	− 3	A	...
*	32·284	+38·280	1·00	45.6174	9·5
...	31·639	+50·204	− 3	...	...
...	−31·169	− 2·749	− 3	...	...
...	31·065	+ 5·976	− 4	...	...
...	30·896	−28·076	− 5	M	...
...	30·622	−41·072	− 4	A	...
...	30·395	+11·093	− 4	...	...
131					
*	−29·727	− 8·484	1·10	46.6114	9·4
...	28·865	+45·089	− 3	...	...
...	28·819	+24·570	− 2	45.6175	10·2
...	28·565	−57·945	− 4	...	...
...	28·342	− 2·455	0·90	45.6176	9·6
...	−28·116	+11·793	− 4	...	...
*	27·787	+ 3·508	1·70	45.6177	8·6
...	27·662	+ 9·671	− 2	...	...
...	27·322	+17·265	− 1	45.6178	10·2
...	27·290	−35·421	− 2	46.6116	10·2
141					
...	−27·210	−49·228	0·70	46.6115	9·9
...	27·117	+34·693	− 4	...	...
...	26·803	−31·990	− 4	...	...
...	26·514	−41·917	− 4	...	...
...	26·404	−44·531	− 2	...	...
...	−26·307	+55·315	− 5	...	...
*	26·213	−20·697	1·00	46.6117	9·5
...	25·777	+ 9·170	− 3	...	...
†	24·966	+21·458	− 2	...	...
...	24·851	+25·400	− 4	...	...
151					
S *	−24·489	+30·379	2·00	45.6180	8·4
*	24·388	+ 3·432	1·80	45.6179	8·5
†	24·284	+39·951	− 4	...	...
...	24·038	−46·188	− 4	...	...
...	23·966	+ 4·892	0·65	45.6182	10·0
...	−23·951	− 5·487	− 3	45.6181	10·2
...	23·904	−21·938	− 4	...	...
...	23·693	−56·170	0·75	46.6118	10·2
*	23·657	+49·226	1·20	45.6183	9·5
...	23·431	+47·575	− 5	...	...
161					
*	−23·251	−50·167	1·00	46.6119	9·6
...	23·228	−33·903	0·70	46.6120	9·8
...	23·189	−51·072	− 4	A	...
...	22·512	+46·538	− 5	B	...
...	22·344	+ 9·397	− 2	45.6184	10·2
†	−22·330	+39·905	− 1	45.6185	10·2
...	21·971	− 3·939	− 4	A	...
*	21·698	+ 1·965	1·00	45.6186	9·5
*	21·621	−16·732	1·00	46.6122	9·4
...	21·333	+29·729	− 4	...	...
171					
†	−21·245	+19·952	− 1	45.6187	10·2
*	21·094	− 9·643	1·00	46.6124	9·4
...	21·063	−54·258	− 4	...	...
*	20·989	− 0·974	0·90	45.6188	9·6
...	20·980	−39·904	0·65	46.6123	10·2
...	−20·908	−54·120	− 4	A	...
...	20·754	−44·168	0·85	46.6125	9·8
...	20·575	− 0·827	0·65	45.6189	10·0
...	20·158	− 2·232	− 3	45.6190	10·2
...	19·717	+33·909	− 4	...	...
181–240					
181					
...	−18·656	−57·302	− 5	...	...
...	18·070	− 9·745	− 3	...	...
...	17·502	−24·404	− 3	46.6126	10·2
...	17·356	+31·015	− 2	45.6191	10·2
...	17·301	−51·219	0·85	46.6127	9·9
...	−16·970	−13·726	− 5	...	...
‡	16·385	+49·950	0·90	45.6193	9·8
...	16·124	− 0·822	− 2	45.6192	10·2
...	15·888	+12·795	− 4	45.6194	10·2
...	15·301	−21·524	− 3	...	...
191					
...	−15·074	−27·364	− 3	...	...
†	15·053	−57·097	0·85	46.6128	9·8
...	14·850	−10·879	0·90	46.6130	9·6
...	14·694	−50·700	0·80	46.6129	9·8
...	14·435	−43·193	− 5	...	...
...	−14·246	−55·429	0·75	46.6131	10·0
...	13·975	+25·706	− 4	...	...
...	13·673	+48·454	− 5	...	...
...	13·534	−45·277	− 5	A	...
...	13·525	+52·706	− 5	...	...
201					
...	−12·889	−15·340	− 3	46.6134	10·2
...	12·707	−43·263	− 5	A	...
...	12·438	−45·344	− 5	A	...
...	12·316	−13·381	0·75	46.6135	10·0
...	11·741	− 5·103	− 1	45.6195	10·0
...	−11·711	−25·950	− 5	...	...
...	11·614	−43·470	0·80	46.6136	9·8
...	11·346	− 4·779	− 5	...	...
...	11·162	+21·877	− 2	45.6196	10·2
...	11·132	+18·677	− 2	...	...
211					
...	−11·118	+32·529	− 5	...	...
...	11·070	+54·673	− 5	...	...
...	11·011	−10·089	− 5	...	...
...	10·201	−38·816	− 2	46.6138	10·2
...	9·832	−55·867	− 1	...	...
...	− 9·521	−27·271	− 2	46.6139	10·2
...	9·304	+24·602	− 3	...	...
...	9·145	+42·845	− 1	45.6197	10·2
*	8·986	+37·970	1·05	45.6198	9·5
...	8·342	+35·940	− 4	...	...
221					
*	− 7·965	−53·993	1·60	46.6140	9·0
S *	7·883	−51·597	1·75	46.6141	8·6
...	7·556	−17·250	− 5	*m*	...
...	7·556	−30·754	− 3	46.6142	10·2
...	7·507	+18·000	0·90	45.6199	9·5
N*	− 7·355	− 1·632	2·60	45.6200	8·2
...	7·268	+58·553	0·65	44.6202	10·2
S *	7·221	+53·186	1·80	44.6201	8·7
...	6·823	+45·125	− 2	45.6201	10·2
‡	6·600	−34·775	3·70	46.6143	7·2
231					
*	− 6·147	+30·989	1·25	45.6202	9·0
...	6·121	−55·338	0·65	46.6144	10·2
...	5·455	−37·626	0·70	46.6145	9·4
*	5·381	−37·575	0·90		
...	5·275	−48·782	− 5	...	...
...	− 5·082	+25·763	0·75	45.6203	9·6
...	4·321	−38·397	− 5	...	...
...	4·311	+16·533	− 3	45.6204	10·2
...	4·140	+47·821	− 4	45.6205	10·2
...	3·915	−12·830	− 5	*m*	...
241–300					
241					
*	− 3·890	−49·178	1·00	46.6146	9·4
...	3·683	−20·099	− 3	46.6147	10·0
...	3·068	+45·924	− 5	...	...
...	3·019	+15·843	− 1	45.6206	10·2
...	2·768	−18·566	0·65	46.6148	9·9
...	− 2·147	−36·246	− 4	46.6149	10·2
...	2·114	−40·342	− 5	...	...
α *m*	2·020	+ 0·409	− 4	45.6207	10·2
...	1·883	+27·426	− 5	B *m*	...
...	1·689	−38·355	0·80	46.6151	9·6
251					
*	− 1·675	−46·039	1·25	46.6150	9·0
...	1·626	−34·193	− 5	*m*	...
*	1·455	−13·742	1·05	46.6152	9·4
...	1·429	−19·283	0·80	46.6153	9·5
...	1·385	−49·618	− 5	...	...
*	− 1·119	+49·063	1·00	45.6208	9·2
*	1·079	+44·683	1·35	45.6209	9·0
...	− 0·566	+44·809	0·90	45.6210	9·6
...	+ 0·297	+32·928	− 2	...	...
*	0·404	+24·544	1·00	45.6211	9·5
261					
...	+ 0·442	+38·648	− 4	*m*	...
...	0·709	+26·443	− 3	...	...
...	0·968	+ 8·308	− 1	45.6212	10·2
...	1·219	−47·964	− 2	...	...
...	1·496	− 3·488	− 4	...	...
...	+ 2·024	−17·987	− 5	M *m*	...
...	2·130	−33·402	0·65	46.6156	10·2
*	2·221	−56·062	1·10	46.6157	9·6
*	2·453	−56·220	1·10	46.6158	9·6
...	2·552	+24·043	− 4	M	...
271					
...	+ 2·781	+ 7·747	0·70	45.6213	10·0
...	2·950	− 0·427	− 4	M *b*	...
...	3·311	+34·100	− 5	B *m*	...
...	3·532	+55·465	− 3	...	...
...	3·575	−43·867	− 5	*m*	...
...	+ 3·835	−41·705	0·80	46.6159	10·0
...	3·982	+ 2·960	− 3	45.6214	10·2
...	4·080	−35·820	− 5	M *b*	...
...	5·066	−53·194	0·85	46.6160	10·0
...	5·301	+ 8·260	− 4	...	...
281					
...	+ 5·439	+55·879	0·75	44.6209	10·0
...	5·726	+27·545	− 3	...	...
...	5·859	−24·377	− 5	M	...
...	6·073	+27·258	0·85	45.6215	9·9
...	6·483	−46·613	0·70	46.6161	10·2
...	+ 6·654	−57·701	− 4	M	...
*	6·770	+ 7·183	1·20	45.6216	9·5
...	7·563	+35·094	− 3	...	...
*	7·826	+28·432	1·40	45.6217	9·2
...	8·466	−16·896	− 5	...	...
291					
*	+ 8·484	−25·449	1·00	46.6162	9·5
S *	8·946	+30·116	2·60	45.6218	7·9
...	9·482	+22·908	− 5	*m*	...
*	9·515	−59·493	1·60	46.6163	9·0
...	9·655	+22·786	− 5	...	...
...	+ 9·694	+32·286	− 5	*b*	...
...	9·823	+31·713	− 4	...	...
...	10·253	−36·606	0·85	46.6164	9·8
...	10·512	−56·783	− 2	46.6165	10·2
...	10·553	+ 2·987	− 3	45.6220	10·2

226. Mass. 47°·78, two stars; 47°·79 mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
301–360					
301	′	′		°	
...	+10·602	− 2·191	− 1	45.6219	10·0
...	10·615	−59·107	− 2	...	...
...	10·734	−25·847	− 4	...	...
...	10·948	− 7·153	− 1	45.6222	10·2
*	10·995	+44·736	1·00	45.6221	9·6
*	+11·364	+11·278	1·20	45.6223	9·3
...	11·384	+25·192	− 3	...	...
...	11·419	+22·213	− 5	*b*	...
*	11·539	−23·287	1·30	46.6166	9·2
...	12·215	−39·065	− 5	*a*	...
311					
...	+12·331	+50·610	− 4	...	...
...	12·764	+34·228	− 4	...	...
...	13·797	+23·549	− 5	*b*	...
*	14·445	−11·740	1·10	46.6170	9·4
...	14·447	−24·521	0·75	46.6169	9·6
...	+15·214	+27·606	− 4	...	...
...	15·217	−50·547	− 3	...	...
...	15·404	+29·597	− 4	...	...
...	15·546	+42·499	0·90	45.6224	10·0
...	15·675	+37·338	− 1	45.6225	10·2
321					
...	+15·874	+25·662	− 1	45.6226	10·2
...	16·234	−53·405	0·70	46.6171	10·0
†	16·310	−54·826	− 3	...	...
...	17·110	+54·982	− 5	...	...
...	17·238	−22·041	0·80	46.6172	9·8
*	+17·355	+57·787	1·60	44.6216	9·2
*	17·452	+49·501	0·95	45.6227	9·5
*	17·653	+47·368	2·00	45.6228	8·5
...	17·735	+17·639	− 4	...	...
...	18·072	+ 1·806	− 4	*b*	...
331					
*	+18·138	+ 8·293	1·70	45.6229	9·0
...	18·292	+52·664	− 3	44.6218	10·2
...	18·488	+33·924	− 4	...	...
...	19·067	−21·043	− 2	...	...
...	19·216	−53·431	− 3	...	...
S *	+19·509	−45·387	1·60	46.6174	8·7
‡	19·933	+22·622	2·40	45.6230	8·4
‡	19·941	−45·517	1·50	46.6175	8·8
‡	19·992	−17·546	1·15	46.6176	9·0
*	20·043	+35·776	1·15	45.6231	9·2
341					
...	+20·107	+56·636	0·80	44.6221	9·6
...	20·183	−54·714	− 5	...	...
...	20·247	− 6·239	− 5	...	...
...	20·337	−58·899	0·90	46.6177	9·8
...	21·161	+56·877	0·75	44.6223	10·0
...	+21·246	+43·632	0·85	45.6232	9·6
...	21·614	+46·051	− 5	*b*	...
...	21·801	−54·263	0·70	46.6178	10·0
...	22·296	−31·492	− 5	...	...
...	22·877	+25·128	− 3	45.6233	10·2
351					
...	+22·980	− 3·263	− 5	...	...
...	23·006	+44·350	− 5	*b*	...
...	23·065	−25·820	− 4	46.6179	10·2
...	23·678	+27·778	− 5	...	...
...	23·715	+ 8·665	− 5	...	...
...	+23·778	+39·120	− 5	*b*	...
...	24·039	−30·926	− 3	...	...
*	24·832	+27·948	0·90	45.6234	9·5
...	24·846	+25·772	− 5	...	...
...	24·975	−10·063	− 5	...	...
361–420					
361	′	′		°	
...	+25·081	+23·648	− 5	*m*	...
...	25·279	−31·296	− 4	...	...
...	25·584	−40·023	− 5	...	...
...	26·416	−10·567	− 4	46.6181	10·2
...	26·511	+45·250	− 5	*m*	...
...	+26·899	−23·568	0·85	46.6182	9·5
...	27·258	−51·218	0·75	46.6183	9·9
...	27·596	+25·354	− 5	...	...
...	27·783	−54·705	0·90	46.6184	9·6
...	27·830	−34·740	− 4	...	...
371					
*	+28·000	+27·987	0·90	45.6235	9·6
...	28·006	+17·321	− 5	...	...
...	28·676	−34·002	− 3	...	...
...	28·841	−32·295	0·85	46.6185	9·6
...	29·254	+13·763	− 4	45.6236	10·2
...	+29·350	+ 7·588	0·90	45.6237	9·6
*	30·021	+30·312	0·90	45.6238	9·6
...	30·387	−45·925	− 3	46.6187	10·2
...	30·410	−10·950	− 1	46.6186	10·2
...	30·532	− 5·380	0·70	45.6239	10·0
381					
...	+31·196	−35·981	− 5	...	...
...	31·222	+20·960	− 5	...	...
...	31·407	+44·634	− 2	45.6240	10·2
*	31·921	+17·749	2·10	45.6241	8·2
...	32·149	−25·932	− 4	...	...
...	+32·436	+38·762	0·85	45.6242	9·6
...	32·460	+42·475	− 5	*b*	...
...	32·563	−10·397	− 5	*a*	...
...	32·646	−13·142	− 4	...	...
...	32·683	−23·165	− 4	...	...
391					
...	+32·875	−42·474	− 5	...	...
...	32·982	+ 1·956	− 5	*m*	...
...	33·362	−14·527	− 2	46.6188	10·2
...	33·393	+52·292	− 5	...	...
...	33·486	+16·743	− 3	45.6243	10·2
*	+33·823	+10·907	0·90	45.6244	9·6
...	34·196	+36·798	− 4	...	...
...	34·419	−41·485	− 5	*a*	...
...	34·779	+ 6·517	− 4	...	...
...	34·784	−40·125	− 5	*b*	...
401					
...	+35·646	+10·114	− 5	...	...
...	35·761	+ 2·550	0·80	45.6245	10·0
...	36·259	−26·073	− 3	...	...
...	36·602	+ 4·837	− 4	...	...
*	36·864	+10·639	0·90	45.6247	9·6
...	+37·102	+42·423	− 3	45.6246	10·2
*	37·153	−50·300	1·30	46.6189	9·2
...	37·304	−57·844	− 4	46.6190	10·2
...	37·680	−17·780	− 5	...	...
*	38·107	− 3·740	1·00	45.6249	9·5
411					
...	+38·348	+40·896	0·75	45.6248	10·0
...	38·400	−26·846	− 5	*m*	...
*	38·523	−47·072	1·15	46.6191	9·4
...	38·653	−55·849	− 5	...	...
...	38·658	−46·696	− 4	46.6192	10·2
...	+38·802	+12·019	− 2	45.6250	10·2
...	38·805	+ 9·135	0·65	45.6251	10·2
...	38·837	− 2·961	− 4	...	...
...	38·872	+ 7·583	0·65	45.6252	10·2
S *	39·353	− 8·708	1·80	46.6193	8·6
421–480					
421	′	′		°	
...	+39·457	−21·044	− 5	*m*	...
S *	39·503	+44·284	1·95	45.6253	8·4
...	39·590	−10·619	− 4	46.6194	10·2
...	39·602	−20·026	− 5	*m*	...
...	39·649	+30·170	0·80	45.6254	9·6
...	+39·735	+27·576	− 4	...	...
...	40·299	−48·238	− 5	...	...
...	40·348	+17·566	− 4	...	...
...	40·409	−16·636	− 5	*m*	...
...	40·489	−37·738	− 3	...	...
431					
...	+40·516	+59·293	− 5	*b*	...
...	40·637	+ 1·667	− 4	...	...
...	40·827	+46·289	− 5	...	...
*	41·125	+40·769	2·00	45.6255	8·3
...	41·253	−41·245	− 2	46.6195	10·2
...	+41·881	− 0·837	− 4	...	...
*	41·970	+29·853	0·90	45.6256	9·9
...	41·980	+56·856	− 5	...	...
...	42·167	−17·559	− 4	...	...
*	42·305	+12·256	0·90	45.6257	9·6
441					
...	+42·469	− 7·212	− 1	45.6259	10·2
*	43·046	+48·303	1·40	45.6258	9·0
...	43·051	+37·064	− 4	...	...
...	43·627	−11·544	− 4	...	...
...	43·822	+49·384	− 4	...	...
...	+43·905	+ 8·333	0·85	45.6260	9·8
...	43·976	+57·275	− 5	*b*	...
...	44·054	+14·534	− 3	...	...
...	44·280	+26·323	0·70	45.6261	10·2
...	44·316	−39·151	0·75	46.6197	10·2
451					
...	+44·717	+14·681	− 3	...	...
...	45·006	+ 4·215	− 4	*e*	...
...	45·088	+13·553	− 4	...	...
...	45·170	+28·469	− 4	...	...
...	46·043	− 9·855	− 4	...	...
...	+46·139	−55·370	− 5	*e*	...
...	46·363	+30·400	0·65	45.6262	10·2
...	46·431	−21·056	− 5	*m*	...
...	46·644	−57·535	− 5	...	...
...	46·660	−27·890	− 4	...	...
461					
...	+46·761	−22·982	0·65	46.6198	10·2
...	47·242	−10·792	− 1	46.6199	10·2
...	47·858	+13·612	− 4	*b*	...
...	47·903	− 2·082	− 5	*e*	...
...	47·926	+50·307	0·80	45.6263	10·0
S *	+48·191	+ 1·994	1·40	45.6265	9·0
*	48·654	+46·108	1·00	45.6264	9·5
...	49·202	+ 4·266	− 5	*m*	...
...	49·331	−15·056	0·70	46.6200	10·2
...	49·355	−32·479	− 4	...	...
471					
†	+49·818	+54·587	− 4	...	...
...	50·447	+40·837	0·90	45.6266	9·6
...	50·591	+32·468	− 4	...	...
e	50·963	− 0·577	− 3	45.6267	10·2
*	51·055	−19·566	2·00	46.6202	8·6
...	+51·412	+25·955	− 3	...	...
...	51·505	+29·165	− 4	...	...
†	51·586	+ 4·959	− 5	*m*	...
...	51·657	+20·834	− 5	...	...
*	51·972	−18·456	1·20	46.6203	9·3

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
481–500					
481	′	′		°	
...	+51·990	− 9·595	− 4	...	...
...	52·075	+35·854	0·95	45.6268	9·6
...	52·430	+ 8·059	0·90	45.6269	9·6
...	52·432	−21·266	− 5	*e*	...
*	52·826	+15·437	1·20	45.6270	9·0
...	+52·986	−49·356	− 3	...	...
...	53·112	+19·617	− 4	...	...
*	53·535	−36·300	1·40	46.6205	9·3
...	53·999	+26·324	− 4	...	...
...	54·037	+28·680	0·70	45.6272	10·0
491					
*	+54·063	+32·844	1·00	45.6271	9·6
*	54·288	−40·349	1·20	46.6206	9·4
...	54·749	+16·405	− 5	*m*	...
*	55·196	−45·873	3·00	46.6207	7·8
*	55·573	+39·307	2·20	45.6273	8·5
...	+55·651	+31·767	− 1	45.6274	10·2
...	57·276	+10·699	− 4	...	...
*	57·318	− 4·684	2·00	45.6276	8·2
...	57·337	−33·473	− 4	...	...
*	57·508	+38·968	1·60	45.6275	9·0
501–512					
501	′	′		°	
...	+57·677	+25·414	− 5	*e*	...
...	57·734	−27·349	− 4	...	...
...	58·372	−55·698	− 3	46.6209	10·0
...	58·733	+13·178	− 4	...	...
...	58·762	+ 5·317	− 1	45.6277	10·2
*	+58·767	−19·335	1·40	46.6208	9·2
S *	58·964	−26·722	1·60	46.6210	9·0
...	59·024	+15·986	− 4	...	...
...	59·331	+33·641	− 1	45.6278	10·2
...	59·427	+29·591	− 3	45.6279	10·2
511					
...	+59·502	+59·142	− 3	44.6253	10·2
...	59·635	−55·894	− 2	46.6211	9·6

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
1–30					
1	′	′		°	
...	−59·564	+13·327	− 4	...	...
...	59·340	+ 3·989	− 4	E	...
...	58·820	+30·214	− 1	45.6262	10·2
...	58·671	−39·370	− 1	46.6197	10·2
...	57·871	−10·050	− 4	...	...
...	−57·868	+50·148	0·80	45.6263	10·0
*	57·012	+45·985	1·00	45.6264	9·5
...	56·790	+13·469	− 5	B	...
...	56·738	−23·135	− 1	46.6198	10·2
...	56·678	−28·056	− 3	...	...
11					
...	−56·638	−10·935	− 1	46.6199	10·2
...	56·340	−55·535	− 5	E	...
...	56·257	− 2·211	− 5	E	...
...	56·109	+54·490	− 4	...	...
S *	56·090	+ 1·872	1·50	45.6265	9·0
*	−55·038	+40·758	0·90	45.6266	9·6
...	54·649	+32·408	− 4	...	...
...	54·427	−15·131	0·75	46.6200	10·2
...	53·839	−32·540	− 5	...	...
...	53·630	+29·138	− 4	...	...
21					
...	−53·619	+25·922	− 4	...	...
...	53·277	+35·847	0·85	45.6268	9·6
E	53·241	− 0·617	− 3	45.6267	10·2
...	53·229	+20·813	− 4	...	...
*	52·542	−19·600	1·80	46.6202	8·6
...	−52·038	+ 8·065	0·80	45.6269	9·6
...	51·939	− 9·587	− 4	...	...
*	51·882	+15·454	1·10	45.6270	9·0
...	51·731	+19·635	− 3	...	...
...	51·708	+ 6·837	− 5	M	...
31–60					
31	′	′		°	
*	−51·666	−18·458	1·20	46.6203	9·3
*	51·192	+32·890	1·00	45.6271	9·6
...	51·136	−21·239	− 5	E	...
...	51·087	+28·728	0·70	45.6272	10·0
...	51·048	+26·369	− 4	...	...
‡	−49·878	+39·398	2·00	45.6273	8·5
...	49·678	−49·300	− 4	...	...
...	49·566	+31·864	− 1	45.6274	10·2
*	49·543	−36·223	1·20	46.6205	9·3
...	48·838	+13·838	− 5	M	...
41					
*	−48·655	−40·247	1·10	46.6206	9·4
*	47·933	+39·120	1·40	45.6275	9·0
*	47·568	−45·759	2·90	46.6207	7·8
...	47·351	+25·605	− 4	E	...
...	47·278	+10·849	− 4	...	...
*	−46·743	− 4·515	2·00	45.6276	8·2
...	46·568	+59·357	− 2	44.6253	10·2
...	45·955	+33·859	− 1	45.6278	10·2
...	45·904	+13·386	− 4	...	...
...	45·840	−33·283	− 4	...	...
51					
...	−45·725	+29·804	− 2	45.6279	10·2
...	45·709	+16·206	− 3	...	...
...	45·636	+ 5·516	− 2	45.6277	10·2
...	45·635	−27·157	− 3	...	...
...	45·607	+12·953	− 5	M	...
*	−44·848	−19·114	1·20	46.6208	9·2
...	44·843	+35·187	0·65	45.6280	10·2
S *	44·426	−26·483	1·40	46.6210	9·0
...	44·129	−55·464	− 1	46.6209	10·0
...	43·745	+11·055	− 4	B	...
61–90					
61	′	′		°	
*	−43·679	+56·534	1·10	44.6254	9·5
...	43·445	− 9·054	− 4	A	...
...	42·856	−16·133	− 5	B	...
...	42·837	−55·613	− 1	46.6211	9·6
*	42·648	− 5·849	0·85	45.6281	9·6
†	−42·644	−59·827	0·90	46.6212	9·6
...	42·311	+51·486	0·75	45.6282	10·0
...	42·200	−11·556	− 3	...	...
...	42·158	+27·175	− 4	B	...
...	42·074	+ 9·486	− 4	B	...
71					
...	−41·743	+52·244	− 5	...	...
...	41·662	+ 0·581	− 4	B	...
...	41·332	+16·172	0·90	45.6283	9·8
...	41·202	−36·810	− 4	A	...
...	40·830	−45·597	0·90	46.6213	9·6
...	−40·759	+ 7·681	− 4	...	...
...	40·363	−52·815	0·95	46.6214	9·6
...	40·337	−45·729	− 4	...	...
...	39·648	−36·033	0·70	46.6216	10·0
...	39·559	− 4·027	− 5	...	...
81					
...	−39·446	−47·624	0·70	46.6217	10·0
...	39·129	− 4·160	− 4	...	...
...	39·110	+ 2·374	− 5	M	...
...	38·954	+49·531	0·65	45.6284	10·0
...	38·929	−42·227	− 5	B	...
...	−38·918	−38·160	0·80	46.6219	9·6
...	38·754	−57·973	− 3	46.6218	10·2
†	38·523	−54·808	− 3	46.6220	10·2
...	38·343	+17·538	− 2	45.6285	10·2
*	38·263	−12·382	0·90	46.6222	9·6

MC measured from 1, 168, 332.
ES ,, ,, 79, 254, 414.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
	91–150				
91	′	′		°	
...	−38·124	−40·687	− 4	...	...
...	37·978	−50·123	− 5	A	...
...	37·823	−40·276	0·80	46.6221	9·9
...	37·748	−46·740	− 5	46.6223	10·2
...	37·637	−46·728	− 5		
...	−37·230	+22·799	− 4	...	...
...	37·206	−26·326	− 5	...	...
...	37·098	−29·838	− 4	...	...
S*	36·979	+ 9·614	1·55	45.6286	8·8
...	36·905	−23·456	− 4	...	...
101					
...	−36·364	−39·693	− 3	A	...
...	36·016	−40·796	0·75	46.6224	10·0
...	35·407	+37·604	− 5	...	...
...	34·738	−31·039	− 2	46.6225	10·2
...	34·660	−40·832	− 5	...	...
...	−34·627	−44·959	− 5	...	...
...	34·222	−26·005	− 2	46.6227	10·2
...	34·130	+48·430	− 2	45.6287	10·2
...	34·053	+ 7·475	− 4	...	...
...	34·012	−47·469	0·70	46.6226	9·9
111					
...	−33·700	− 6·891	− 5	...	...
...	33·567	−22·643	− 2	...	...
*	33·427	−55·423	1·00	46.6228	9·5
...	33·341	+ 9·644	− 4	...	...
...	32·789	−43·711	− 5	A	...
...	−32·772	−47·315	− 2	46.6230	10·2
...	32·342	−46·899	− 1	46.6231	10·2
...	32·084	−31·718	− 4	...	...
...	31·981	−59·428	− 3	46.6232	10·0
...	31·622	+12·919	− 3	...	...
121					
*	−30·899	−35·250	1·00	46.6233	9·5
...	30·864	+14·723	− 4	...	...
...	30·667	−28·865	− 5	M	...
...	30·648	+19·637	− 4	...	...
...	30·479	−59·058	0·70	46.6234	9·6
...	−30·394	−25·039	− 4	...	...
...	30·237	+46·682	− 4	...	...
...	30·194	+45·599	− 5	...	...
...	29·889	−32·811	− 3	...	...
...	29·513	+37·211	− 4	...	...
131					
...	−29·351	+21·348	− 5	...	...
...	29·266	+ 1·484	− 2	45.6288	10·2
...	29·010	−40·729	− 4	...	...
...	28·909	−52·160	− 5	A	...
...	28·359	+54·053	− 5	B	...
...	−27·912	+15·601	− 5	M	...
...	27·904	−35·791	− 4	...	...
...	27·512	+57·713	0·95	44.6264	9·8
...	27·325	+34·977	− 5	M	...
†	27·093	−34·922	0·70	46.6235	9·6
141					
*	−26·785	+32·170	1·10	45.6289	9·3
...	26·740	−48·066	− 5	...	...
...	26·364	+44·174	− 3	...	...
...	25·813	+26·006	− 5	...	...
...	25·688	−59·597	− 5	A	...
...	−25·514	+19·124	− 5	M	...
...	25·211	− 1·790	− 2	45.6290	10·2
...	24·973	+21·993	− 5	...	...
...	24·883	− 7·446	− 2	45.6291	10·2
...	24·870	+26·860	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
	151–210				
151	′	′		°	
...	−24·859	+20·451	− 4	...	...
S*	24·782	+47·602	2·10	45.6292	8·0
...	23·973	−42·287	0·65	46.6237	10·0
...	23·885	− 4·643	− 5	M	...
...	23·781	−37·461	− 5	M	...
...	−23·768	−51·131	− 5	A	...
...	23·625	+18·950	− 1	45.6293	10·0
...	22·950	+ 8·021	− 5	...	...
...	22·760	− 2·273	0·80	45.6294	9·8
*	22·703	−40·546	1·10	46.6238	9·2
161					
...	−22·509	+ 3·086	− 4	45.6295	10·2
...	22·505	−10·983	0·90	46.6239	9·6
...	21·745	−10·567	− 3	46.6240	10·2
...	21·707	+11·800	− 4	...	...
*	21·620	+32·478	0·95	45.6296	9·5
...	−20·981	+ 9·066	− 4	...	...
...	20·732	−42·595	− 5	...	...
†	20·038	+31·529	0·80	45.6297	9·8
...	19·968	+10·284	− 3	...	...
...	19·822	+51·820	− 5	...	...
171					
...	−19·469	−37·616	0·85	46.6242	9·6
...	19·407	− 3·703	− 4	...	...
...	19·309	− 4·195	− 4	A	...
...	18·927	−26·017	− 3	46.6243	10·2
...	18·597	−40·033	− 3	...	...
...	−18·081	+48·200	− 5	M	...
...	18·040	− 2·384	− 2	45.6298	10·2
...	18·001	+ 0·465	0·65	45.6299	10·2
...	17·365	+ 7·620	− 5	M	...
...	17·355	+33·484	− 5	M	...
181					
†	−17·152	−49·829	− 3	46.6244	10·2
...	17·136	−15·626	− 4	...	...
...	16·676	+53·768	0·65	44.6271	10·0
...	16·233	+33·849	− 4	...	...
*	16·157	−36·969	1·40	46.6245	9·0
...	−16·109	−56·666	− 4	...	...
...	16·065	+32·710	− 4	...	...
...	15·677	+33·504	− 1	45.6300	10·2
...	15·291	−17·030	− 4	A	...
...	15·176	+31·703	0·65	45.6301	10·0
191					
...	−14·823	+15·910	0·90	45.6302	9·8
...	14·713	−58·759	− 5	...	...
...	14·571	−56·638	− 5	A	...
...	14·546	+25·373	0·75	45.6303	9·9
*	14·284	−43·260	0·90	46.6246	9·6
...	−14·222	+35·525	− 5	...	...
...	14·158	−21·417	− 4	...	...
...	13·845	+15·816	− 5	B	...
*	13·811	−43·521	1·20	46.6247	9·4
...	13·684	−20·075	− 3	...	...
201					
...	−13·580	−52·211	− 4	...	...
*	12·655	−55·971	1·20	46.6249	9·0
...	12·647	−15·164	− 1	46.6251	10·2
...	12·474	+55·202	0·85	44.6274	9·8
*	12·409	−50·945	1·00	46.6250	9·4
S*	−12·209	−19·654	2·60	46.6252	8·1
...	12·205	+10·330	− 4	45.6304	10·2
...	11·190	−46·884	− 2	46.6253	10·2
...	11·089	+26·168	− 4	...	...
†	10·703	−54·850	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No	C.P.D. Mag.
	211–270				
211	′	′		°	
...	−10·651	+ 5·382	0·65	45.6305	10·2
...	10·546	+22·800	− 5	M	...
...	10·326	+ 9·699	0·65	45.6306	10·2
...	9·932	+27·404	− 4	...	...
...	9·799	+42·504	− 4	...	...
...	− 9·534	−35·615	− 3	...	...
...	9·228	+41·309	− 3	45.6307	10·2
...	9·228	−38·785	− 5	A	...
...	8·835	+41·428	− 3	...	...
...	8·646	−11·462	0·70	46.6254	10·0
221					
...	− 8·554	−18·556	− 5	M	...
S*	8·252	+29·738	1·15	45.6308	9·2
*	8·085	+54·362	1·20	44.6278	9·4
...	7·860	+ 7·150	− 5	M	...
*	7·857	−53·926	1·00	46.6255	9·6
...	− 7·786	−10·202	− 5	*m*	...
...	7·120	+ 9·776	− 5	M	...
...	6·280	+31·491	0·65	45.6309	10·2
*	6·234	−48·825	0·85	46.6256	10·0
*	6·016	+ 8·319	1·00	45.6310	9·5
231					
*	− 5·412	+27·570	1·00	45.6311	9·5
‡	5·154	+31·085	0·90	45.6312	9·5
†	5·085	−13·481	− 4	*m*	...
...	4·832	−46·331	− 4	*m*	...
...	4·589	−49·339	− 5	*m*	...
*	− 4·494	−59·406	1·60	46.6257	8·7
...	3·503	+27·608	− 4	...	...
...	3·076	−26·445	− 5	*m*	...
...	2·500	+57·965	− 2	...	...
*	2·343	+ 0·802	1·50	45.6313	9·0
241					
...	− 1·926	+58·620	0·85	44.6285	9·9
*	1·892	+45·818	1·00	45.6314	9·6
...	1·820	+56·092	0·90	44.6284	9·8
...	1·766	+33·163	− 3	...	...
...	1·610	−18·416	− 5	A *m*	...
...	− 1·555	+ 4·046	− 4	M	...
...	1·493	−13·894	− 5	*m*	...
...	1·365	+27·321	− 2	...	...
...	1·171	−39·715	− 4	A *m*	...
...	0·763	−56·213	− 1	46.6259	10·2
251					
...	− 0·712	+51·338	0·85	45.6315	9·9
...	0·574	−20·709	− 4	46.6260	10·2
...	0·465	+17·620	− 4	...	...
*	− 0·005	−16·020	1·30	46.6261	9·2
*	+ 0·090	−21·529	1·25	46.6262	9·2
*	+ 0·246	−50·721	1·05	46.6263	9·5
...	0·411	+ 5·918	− 2	45.6316	10·2
...	0·626	+41·832	0·70	45.6317	10·0
...	1·248	+ 9·656	− 5	M	...
...	1·367	+14·845	− 4	45.6318	10·2
261					
...	+ 1·487	+50·594	0·80	45.6319	9·9
...	1·837	−42·982	0·70	46.6264	10·2
...	1·853	− 5·284	− 4	*m*	...
...	1·862	−56·866	− 4	46.6265	10·2
...	2·159	−11·293	− 5	*m*	...
...	+ 2·160	− 6·967	− 5	45.6320	10·2
S*	2·281	− 9·723	2·70	46.6266	8·1
†	2·719	+29·882	− 5	M	...
...	2·915	−23·821	− 5	*m*	...
M	3·192	+ 0·334	0·70	45.6321	10·0

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
271–330					
271					
...	+ 3·852	−27·685	− 5	m	...
...	4·303	−19·195	− 5	m	...
...	5·041	− 7·202	− 5	m	...
...	5·362	+51·553	− 5	...	...
...	5·384	−47·264	− 5	...	...
...	+ 5·692	−44·451	− 4	...	...
...	5·848	−38·740	− 4	...	...
...	5·851	+ 8·443	− 2	45.6322	10·2
...	6·245	+59·643	− 5	...	...
...	6·604	−52·405	− 3	...	...
281					
...	+ 6·754	+58·591	− 5	...	...
...	6·773	+16·688	− 2	45.6323	10·0
...	7·200	−42·165	− 5	m	...
...	7·351	+42·945	− 5	...	...
*	7·458	−24·268	1·10	46.6268	9·3
...	+ 8·046	−45·162	0·75	46.6269	10·0
...	8·201	+24·472	− 5	...	...
N	8·348	+59·622	− 1	44.6292	10·2
...	8·434	+59·430	− 5	...	...
...	8·540	+36·046	− 5	...	...
291					
*	+ 8·625	+44·540	1·30	45.6324	9·0
...	9·125	− 8·865	− 1	46.6270	10·0
...	9·203	−51·078	0·75	46.6271	9·9
...	9·389	+31·584	0·80	45.6325	9·8
N	9·454	+31·083	0·80	45.6326	10·0
...	+ 9·494	−53·106	0·65	...	...
...	9·667	+47·217	− 5	...	...
*	9·939	−31·681	0·95	46.6273	9·5
*	9·963	−41·569	1·05	46.6274	9·4
...	10·002	−31·365	− 3	46.6272	10·2
301					
*	+10·378	+42·671	1·30	45.6327	9·0
*	10·525	−49·979	0·95	46.6275	9·5
...	10·950	+21·155	− 5	...	...
...	11·172	+51·966	− 4	...	...
...	11·400	−14·065	0·80	46.6276	9·6
*	+11·525	+52·824	1·05	44.6298	9·4
...	11·563	+26·794	− 5	...	...
†	11·935	+54·813	0·80	44.6299	9·8
...	13·456	+54·185	− 5	...	...
*	13·884	+ 3·038	1·80	45.6328	8·7
311					
...	+14·002	+57·609	− 5	...	...
...	14·032	+34·074	− 2	45.6329	10·2
*	14·220	+10·907	1·40	45.6330	9·4
...	14·781	+51·564	− 5	...	...
...	14·996	+55·505	0·65	44.6301	10·2
...	+15·050	−46·239	0·80	46.6277	9·9
...	15·561	−11·304	− 5	m	...
...	15·767	−39·234	− 5	b	...
...	16·186	− 6·897	− 4	...	...
...	16·563	−38·802	− 4	...	...
321					
...	+16·694	+ 4·466	− 4	...	...
*	16·737	+ 7·441	1·60	45.6331	9·0
...	17·165	−40·417	− 3	...	...
...	17·996	+18·094	− 4	...	...
...	18·138	−18·571	− 4	...	...
...	+18·335	− 4·688	− 4	...	...
...	18·744	−36·590	− 5	a	...
...	18·942	+54·229	− 5	...	...
...	19·041	−42·658	0·85	46.6279	10·2
...	19·162	− 3·050	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
331–390					
331					
S *	+19·574	+22·360	1·20	45.6332	9·1
...	19·892	−52·623	− 4	...	...
...	20·251	+17·805	− 4	...	...
...	20·529	−54·274	− 5	a	...
...	20·753	−26·503	− 5	m	...
...	+21·244	+ 0·652	− 3	...	...
...	21·527	+30·980	0·75	45.6333	10·2
...	21·716	+56·921	− 5	...	...
†	21·906	+19·912	− 3	...	...
...	22·194	−33·684	− 2	...	...
341					
...	+22·443	−10·470	− 5	m	...
...	22·602	−16·836	− 3	...	...
*	22·753	+ 3·478	1·20	45.6334	9·4
...	22·903	+34·343	0·85	45.6335	10·2
...	22·913	+39·990	− 1	...	...
...	+23·003	+ 2·334	− 5	...	...
...	23·229	+55·543	0·65	...	...
...	23·285	+38·100	− 5	...	...
*	23·337	−31·824	0·85	46.6281	10·2
...	23·458	−24·390	− 3	...	...
351					
...	+23·571	+58·396	0·80	44.6306	10·2
...	23·575	−13·989	0·70	46.6282	10·2
...	23·683	+28·198	− 4	...	...
...	23·815	− 9·262	− 5	m	...
...	23·870	−20·353	− 5	m	...
...	+24·211	−24·672	− 3	...	...
*	24·456	+32·467	0·90	45.6336	10·1
*	25·277	+43·169	0·85	45.6337	10·2
...	25·584	+41·262	− 5	...	...
*	25·637	+41·318	1·00	45.6338	9·6
361					
...	+25·688	−52·309	− 1	...	...
S *	25·798	−34·611	1·95	46.6283	8·4
...	25·844	+30·869	− 2	...	...
...	26·180	−48·296	− 4	...	...
...	26·217	+52·821	− 5	...	...
...	+26·274	−51·264	− 3	...	...
...	26·730	−18·141	− 4	a	...
S *	27·081	+45·650	3·30	45.6339	7·0
*	27·283	− 1·834	1·10	45.6340	9·4
...	27·388	+ 2·433	− 5	...	...
371					
...	+27·580	+39·560	− 2	...	...
...	27·813	+ 0·851	− 3	...	...
...	27·861	+38·571	− 5	a	...
...	28·296	+53·906	− 4	...	...
...	28·659	+ 7·728	− 4	...	...
...	+28·725	−52·812	− 3	...	...
...	28·740	−57·798	0·90	46.6286	10·2
*	28·803	+22·848	0·90	45.6341	10·1
...	28·880	−48·672	0·90	46.6287	10·2
S *	30·091	+ 5·473	1·30	45.6342	9·0
381					
...	+30·152	−43·153	− 5	...	...
...	30·472	+41·913	− 3	...	...
*	30·576	−28·809	0·90	46.6288	9·9
*	31·640	+50·454	1·10	45.6343	9·7
...	31·809	−14·789	− 5	m	...
...	+32·612	−37·018	− 3	...	...
...	32·643	−22·811	− 3	...	...
...	32·685	− 2·389	− 5	m	...
...	32·772	−31·260	0·70	...	...
...	32·942	+ 5·253	0·80	45.6344	10·1

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
391–450					
391					
*	+33·237	+ 2·651	0·90	45.6345	9·8
*	33·368	−30·660	0·95	46.6289	9·9
...	33·845	+ 7·829	− 3	...	...
...	33·848	+56·929	0·95	44.6309	10·1
...	34·423	+ 5·563	− 4	...	...
...	+34·465	+24·051	− 5	...	...
...	34·897	−33·843	− 4	...	...
...	35·403	−47·681	0·75	...	...
...	35·503	−15·624	− 5	m	...
...	35·665	+25·018	− 3	...	...
401					
*	+35·749	+48·172	1·30	45.6346	9·4
...	35·910	−30·247	0·65	...	...
...	36·415	−53·105	0·85	46.6290	10·2
...	36·852	+ 1·928	− 4	...	...
...	37·027	+43·533	− 2	...	...
*	+37·208	−32·595	1·00	46.6291	9·9
...	37·690	−54·275	− 5	...	...
...	38·057	− 0·893	− 4	b	...
...	38·173	+10·278	0·70	...	...
...	38·390	−54·036	0·85	46.6293	10·2
411					
...	+38·480	−35·197	0·70	...	...
...	38·844	+13·038	− 3	...	...
...	39·324	−55·342	− 3	...	...
...	40·575	+31·789	− 5	...	...
...	40·711	−22·350	− 5	...	...
...	+40·744	−27·122	− 5	...	...
...	40·785	+15·943	− 5	...	...
...	40·830	+52·362	− 3	...	...
*	40·884	+ 1·522	1·00	45.6348	9·6
...	41·054	+47·442	0·80	45.6347	10·1
421					
...	+41·087	−56·143	− 2	...	...
...	41·220	− 6·588	− 4	...	...
...	41·413	−38·350	0·75	46.6294	10·1
...	41·588	−52·343	− 1	...	...
...	41·676	+20·320	− 5	...	...
...	+41·822	+12·951	− 3	...	...
...	42·639	−22·975	− 5	m	...
*	42·749	−42·708	1·05	46.6295	9·6
...	43·349	− 4·906	− 1	...	...
...	43·352	+ 9·159	− 5	...	...
431					
...	+43·430	− 4·656	− 5	m	...
...	43·906	−27·532	− 4	...	...
†	44·131	−29·929	− 5	...	...
...	44·322	+ 2·563	− 5	...	...
...	44·438	+57·837	− 5	...	...
...	+44·630	+54·700	− 4	...	...
...	44·666	−27·257	− 4	...	...
...	45·258	+20·951	− 2	...	...
...	45·798	− 2·071	0·70	45.6349	10·2
...	45·861	−55·919	− 3	...	...
441					
...	+46·601	+35·778	− 3	...	...
...	46·621	−16·305	− 3	...	...
...	46·709	+23·124	− 4	...	...
...	46·728	− 8·894	− 1	...	...
*	47·170	−31·723	1·05	46.6298	9·6
...	+47·172	−16·145	− 5	e	...
...	47·241	−59·037	− 5	...	...
...	47·440	−46·741	− 3	...	...
...	47·778	−10·180	− 2	46.6299	10·2
...	47·959	+25·766	− 5	...	...

288. Mass, 45°·80, two stars.
295. Obscures 2nd image of 294.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
451–470					
451	′	′		°	
*	+48·456	−19·762	0·90	46.6300	9·9
...	48·715	−19·043	− 3	...	...
...	49·064	+13·847	0·90	45.6351	10·0
*	49·106	+50·569	2·40	45.6350	8·3
...	49·544	−40·737	0·85	46.6301	10·1
...	+49·794	−43·055	− 5	*a*	...
†	49·836	+ 5·034	− 1	45.6352	10·2
...	50·197	−25·893	0·70	46.6302	10·1
...	50·711	+ 8·330	− 2	...	...
...	50·838	+14·810	− 4	...	...
461					
...	+51·013	−51·630	− 3	...	...
...	51·143	+34·052	0·70	45.6353	10·2
...	51·335	− 8·388	− 5	*m*	...
...	51·380	−56·710	0·70	46.6303	10·2
*	51·390	+18·828	1·60	45.6354	9·0
...	+51·543	+47·998	− 5	...	...
*	51·563	+ 1·462	1·20	45.6355	9·4
*	51·698	+10·462	1·05	45.6356	9·6
...	52·046	+26·109	− 5	...	...
...	52·064	+54·068	− 5	...	...
471–490					
471	′	′		°	
...	+52·159	− 5·582	− 5	*e*	...
S *	52·423	−21·746	3·50	46.6304	7·0
...	52·696	+30·162	− 5	...	...
...	52·882	+33·894	− 4	...	...
...	53·049	−43·967	0·65	...	...
*	+53·466	+ 1·731	1·00	45.6357	9·6
...	53·484	− 8·461	− 3	...	...
...	53·535	+41·553	− 5	...	...
...	53·603	−44·147	− 4	...	...
...	53·913	+11·135	− 3	...	...
481					
...	+54·113	−29·751	− 5	...	...
...	54·119	+ 1·068	− 2	...	...
*	54·123	−19·329	1·05	46.6306	9·6
*	55·056	−16·264	0·95	46.6307	9·7
...	55·193	+54·005	0·95	44.6312	10·0
...	+55·193	−39·775	− 5	...	...
...	55·383	−51·760	− 5	...	...
...	56·702	+46·611	− 4	...	...
...	57·279	+ 8·494	− 5	...	...
...	57·641	−11·730	− 5	*e*	...
491–496					
491	′	′		°	
...	+57·930	+55·510	0·95	44.6313	9·8
...	58·066	− 8·688	− 5	*e*	...
...	58·794	−22·614	0·70	46.6309	10·2
...	58·901	+27·553	− 5	...	...
...	58·950	−55·413	− 4	...	...
*	+59·276	−11·045	1·00	46.6310	9·7

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
1–30					
1	′	′		°	
...	−59·636	+20·728	− 2	...	...
...	59·483	−27·769	− 5	...	...
...	58·745	+35·592	− 3	...	...
...	58·721	−27·477	− 5	...	...
...	58·378	− 2·267	0·70	45.6349	10·2
...	−58·257	+22·946	− 4	...	...
...	57·239	− 9·055	− 2	...	...
...	57·217	+ 2·338	− 5	...	...
...	57·122	−16·472	− 3	...	...
...	57·085	+25·639	− 5	...	...
11					
‡	−56·698	+50·469	2·20	45.6350	8·3
...	56·635	−56·114	− 5	...	...
...	56·569	−16·294	− 5	E	...
...	56·140	−10·306	− 3	46.6299	10·2
*	56·082	−31·875	1·00	46.6298	9·6
...	−55·617	+13·746	0·75	45.6351	10·0
...	55·338	−46·871	− 4	...	...
*	55·163	−19·871	0·80	46.6300	9·9
...	54·934	−19·139	− 4	...	...
*	54·556	+ 4·954	0·80	45.6352	10·2
21					
...	−54·202	+47·960	− 5	...	...
...	54·155	+34·014	0·75	45.6353	10·2
...	53·868	+14·772	− 4	...	...
...	53·789	+ 8·288	− 2	...	...
*	53·424	+18·807	1·40	45.6354	9·0
...	−53·399	−40·803	0·75	46.6301	10·1
...	53·237	−25·953	0·65	46.6302	10·1
...	53·008	+26·094	− 5	...	...
‡	52·851	+10·433	0·90	45.6356	9·6
*	52·713	+ 1·440	1·10	45.6355	9·4
31–60					
31	′	′		°	
...	−52·496	+30·162	− 5	...	...
...	52·423	+33·911	− 3	...	...
...	52·004	+41·590	− 5	...	...
...	51·907	− 5·576	− 5	E	...
...	51·621	−51·667	− 5	...	...
...	−51·105	−56·721	0·65	46.6303	10·2
S *	51·103	−21·739	3·20	46.6304	7·0
*	50·819	+ 1·770	1·00	45.6357	9·6
...	50·736	+54·078	0·85	44.6312	10·0
...	50·677	+11·189	− 3	...	...
41					
...	−50·490	− 8·408	− 4	...	...
...	50·152	+ 1·126	− 2	...	...
†	50·000	+17·492	− 5	...	...
...	49·823	−43·909	− 2	...	...
*	49·521	−19·246	0·95	46.6306	9·6
...	−49·261	−44·076	− 5	...	...
...	49·194	−29·681	− 5	...	...
...	49·001	+46·736	− 4	...	...
*	48·685	−16·174	0·85	46.6307	9·7
*	48·049	+55·685	1·00	44.6313	9·8
51					
...	−47·797	−39·685	− 4	...	...
...	47·239	+ 8·653	− 5	...	...
...	47·236	−51·653	− 5	...	...
...	46·344	+55·710	− 5	...	...
...	46·243	−11·559	− 5	E	...
...	−46·211	+27·757	− 5	...	...
...	45·907	− 8·491	− 5	E	...
...	45·287	+48·111	− 5	...	...
...	44·760	−22·390	− 2	46.6309	10·2
*	44·625	−10·815	0·85	46.6310	9·7
61–90					
61	′	′		°	
...	−44·442	+13·517	− 4	...	...
...	44·432	+30·056	− 1	45.6358	10·2
...	43·852	+26·834	− 2	45.6359	10·2
...	43·682	+ 5·177	− 5	...	...
...	43·567	−55·179	− 3	...	...
...	−43·134	− 8·227	0·65	46.6312	9·9
...	43·035	+29·727	− 5	...	...
...	42·925	+53·591	− 1	...	...
...	42·827	−48·605	0·85	46.6311	9·8
...	42·723	+43·882	− 5	...	...
71					
*	−42·427	−42·408	0·90	46.6313	9·6
*	42·177	−38·727	0·95	46.6314	9·4
...	41·986	+50·728	− 3	...	...
...	41·738	+58·568	0·65	44.6315	10·2
...	41·273	−45·789	− 1	...	...
...	−41·258	+17·549	0·75	45.6360	9·9
...	41·170	+16·496	− 3	...	...
...	41·132	− 0·805	− 5	M	...
...	41·129	+25·058	− 5	...	...
*	40·991	−21·415	1·40	46.6316	9·1
81					
...	−40·887	−57·941	− 5	...	...
...	40·842	−43·272	0·70	46.6315	10·2
...	40·804	−19·656	− 4	...	...
...	40·369	−48·760	− 5	...	...
†	40·062	+38·722	1·30	45.6361	9·0
...	−39·707	+ 3·695	− 3	...	...
...	39·659	+53·692	− 4	...	...
...	39·496	−17·771	− 4	...	...
...	39·425	−16·603	− 3	...	...
...	39·240	+37·003	− 2	...	...

ES measured from 1, 174, 385.
MC „ „ 86, 276, 464.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
91–150					
91	′	′		°	
...	−39·142	+21·094	− 2	...	...
...	39·140	+ 4·154	− 4	...	...
...	38·808	−12·874	− 5	M	...
...	38·139	−46·947	0·90	46.6317	10·1
...	38·092	+58·144	− 4	...	...
...	−38·024	−46·188	− 1	...	...
...	37·880	−40·057	− 4	...	...
...	37·783	+55·158	− 5	...	...
...	37·667	+28·870	− 4	...	...
...	37·179	−21·636	− 4	...	...
101					
*	−36·986	− 6·704	0·85	45.6362	10·1
†	36·577	−14·526	− 5	M	...
...	36·495	−34·306	− 3	...	...
...	36·068	+ 1·654	− 4	...	...
...	36·007	+37·745	− 1	...	...
...	−35·997	−28·262	− 2	...	...
...	35·735	− 3·830	− 4	B	...
...	35·700	+ 2·890	− 3	...	...
...	35·666	+ 7·699	− 4	...	...
...	35·427	+21·257	− 1	...	...
111					
S *	−35·180	+ 5·191	1·00	45.6363	9·1
...	34·873	− 6·896	− 1	...	...
...	34·773	−17·660	− 4	A	...
...	34·650	− 7·769	− 4	B	...
...	33·759	−50·631	− 5	...	...
...	−33·195	+24·650	− 2	...	...
...	32·836	− 9·106	− 3	...	...
...	32·759	+59·153	− 4	...	...
...	31·869	+25·163	− 2	...	...
...	31·862	−29·540	− 4	A	...
121					
...	−31·653	−33·692	0·85	46.6318	10·0
*	31·581	+34·925	1·00	45.6364	9·4
...	31·358	+15·833	− 4	...	...
...	31·277	+18·146	− 4	...	...
...	31·008	−49·071	− 4	...	...
...	−30·164	+ 8·147	− 3	...	...
...	29·973	−29·088	0·70	46.6319	10·1
...	29·459	−11·362	− 1	46.6320	10·2
...	28·851	+ 6·187	− 3	...	...
...	28·848	+25·176	− 4	...	...
131					
*	−28·052	+33·591	0·85	45.6365	9·9
...	27·996	−28·130	− 4	...	...
...	27·778	+45·977	− 3	...	...
...	27·399	−33·506	− 1	46.6321	10·2
...	27·383	−28·834	− 2	...	...
...	−27·328	−39·801	− 4	...	...
...	27·328	−52·303	− 1	...	...
...	26·978	−21·361	− 4	A	...
...	26·873	−58·086	− 4	...	...
...	26·501	−43·079	− 4	...	...
141					
...	−25·420	− 6·360	0·75	45.6366	10·2
...	25·374	−52·761	− 2	...	...
...	25·280	−53·408	0·65	46.6322	10·0
...	24·977	+ 7·940	− 3	...	...
*	24·924	+60·017	1·40	44.6326	8·8
...	−24·797	+13·476	− 5	...	...
*	24·613	+13·691	0·80	45.6367	9·9
...	24·385	− 8·140	− 5	M	...
*	24·123	+42·528	1·10	45.6368	9·1
...	24·089	−47·479	− 3	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
151–210					
151	′	′		°	
...	−23·449	− 4·966	− 4	A	...
...	23·179	+21·138	− 5	...	...
...	23·088	+30·098	− 4	...	...
...	22·940	+19·561	− 5	...	...
...	22·887	+60·196	− 4	...	...
...	−22·883	−55·427	− 5	A	...
...	22·622	−45·513	− 5	A	...
...	22·033	−47·573	− 1	...	...
...	22·021	+49·829	− 5	...	...
S *	21·943	+46·678	1·15	45.6369	9·0
161					
*	−21·939	+56·259	1·10	44.6331	9·2
...	21·716	+50·922	− 2	...	...
...	21·427	+38·877	− 4	...	...
*	21·377	+18·646	0·90	45.6370	9·6
...	21·192	−21·152	− 5	M	...
*	−21·139	+19·289	2·00	45.6371	8·7
...	20·843	+11·714	− 4	...	...
S *	20·817	−25·839	1·15	46.6324	9·0
...	20·810	+10·642	0·75	45.6372	9·9
...	20·771	+ 5·846	− 5	...	...
171					
*	−20·766	+ 5·564	1·40	45.6373	9·0
...	20·612	−58·948	− 5	...	...
...	20·551	−52·198	− 3	...	...
...	20·019	−14·655	− 5	M	...
...	19·954	− 6·369	− 5	M	...
*	−19·923	+49·783	1·15	45.6374	9·4
...	19·849	+57·106	− 4	...	...
...	19·832	−26·135	− 5	M	...
...	19·643	+50·890	− 5	...	...
...	19·559	−49·772	− 3	...	...
181					
...	−19·558	−24·376	− 5	...	...
...	19·295	+27·559	− 5	...	...
*	19·196	+38·163	0·95	45.6375	9·6
...	18·902	− 5·338	− 5	M	...
...	18·700	− 1·495	− 3	...	...
...	−18·467	−16·820	− 5	M	...
...	17·608	−40·925	− 2	46.6325	10·1
...	17·548	+14·216	− 4	...	...
...	17·401	+11·480	− 3	...	...
...	17·268	+ 7·636	− 4	...	...
191					
...	−17·132	−27·193	− 5	M	...
...	16·986	+58·454	− 1	44.6334	10·2
...	16·434	+16·315	− 3	...	...
...	16·316	+39·405	− 5	...	...
*	15·848	−17·381	0·80	46.6327	9·7
...	−15·836	−45·052	− 2	46.6326	10·2
...	15·533	+51·584	0·65	45.6376	10·2
...	15·396	+19·634	0·65	45.6377	10·2
...	14·878	+40·064	− 3	...	...
...	14·621	− 8·366	− 4	...	...
201					
...	−14·595	−41·499	− 4	...	...
*	14·311	−54·724	0·95	46.6328	9·6
...	13·896	−53·499	− 2	...	...
...	13·889	+18·091	− 3	...	...
...	13·880	+40·473	− 5	...	...
...	−13·762	−19·544	− 5	...	...
...	13·234	−20·522	− 4	...	...
...	13·082	−44·756	− 5	A	...
...	12·973	+45·889	− 5	...	...
...	12·904	−31·540	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
211–270					
211	′	′		°	
...	−12·795	+ 0·916	0·65	45.6378	10·0
...	12·715	+12·771	− 5	...	...
*	12·096	− 8·013	1·15	46.6330	9·0
...	11·949	−53·312	− 3	...	...
...	11·740	−24·060	− 5	M	...
...	−11·735	+20·873	− 4	...	...
...	11·622	+20·842	− 5	...	...
...	11·230	−23·136	− 4	...	...
...	10·523	+58·526	0·75	44.6339	10·0
...	10·341	−42·687	− 5	...	...
221					
...	− 9·880	−50·512	− 3	...	...
...	9·695	+ 9·965	− 5	...	...
...	9·692	−52·709	− 1	46.6331	10·2
†	9·500	+ 5·440	0·65	45.6379	9·7
...	9·469	−46·341	− 3	...	...
...	− 9·352	+40·902	− 5	...	...
...	9·306	−18·069	− 3	...	...
...	8·825	−28·527	− 5	...	...
...	8·670	+12·020	− 2	45.6380	10·2
*	8·557	− 7·031	0·80	45.6381	9·9
231					
...	− 8·362	−43·968	− 3	...	...
...	7·823	−40·781	− 4	...	...
...	7·605	+44·673	− 1	45.6382	10·2
...	7·486	+24·642	− 2	45.6383	9·9
...	7·001	+20·056	− 1	45.6384	9·8
...	− 6·861	−15·051	− 4	...	...
...	6·823	+13·074	− 2	45.6385	10·2
*	6·726	− 5·449	0·80	45.6386	9·9
...	6·388	+ 0·269	− 3	*f*	...
...	6·090	−31·908	− 5	...	...
241					
...	− 5·930	−58·659	− 3	...	...
...	5·823	+49·376	− 5	*m*	...
...	5·791	+49·793	− 4	...	...
...	5·706	− 4·090	− 2	45.6387	10·1
...	5·504	+49·036	− 5	*m*	...
*	− 5·493	− 8·570	0·85	46.6333	9·6
*	5·340	− 8·056	1·25	46.6337	9·0
*	5·338	−56·575	1·15	46.6334	9·6
‡	5·155	−28·107	1·05	46.6336	9·4
†	5·129	−44·904	− 2	46.6335	10·2
251					
...	− 5·080	− 8·718	− 4	M	...
...	4·929	−56·564	− 3	...	...
...	4·604	−51·726	− 5	...	...
*	4·520	+48·986	1·00	45.6388	9·6
...	4·497	+ 9·803	− 5	*m*	...
...	− 3·602	−20·809	− 4	M	...
...	3·592	+51·552	− 5	*m*	...
...	3·378	−52·768	− 5	M	...
...	3·224	−40·142	− 5	...	...
...	2·858	−58·543	− 5	...	...
261					
*	− 2·584	+ 5·882	0·85	45.6389	9·7
...	2·514	+20·361	− 4	*m*	...
...	2·378	+12·869	− 4	...	...
...	2·202	+58·154	− 4	...	...
...	1·802	+16·397	− 2	45.6390	10·2
...	− 1·670	−25·060	− 4	...	...
...	1·607	−10·748	− 2	46.6341	10·2
...	1·492	−29·344	− 2	46.6342	10·2
...	1·423	−51·753	− 5	...	...
...	1·383	+23·027	− 2	45.6391	10·2

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
271–330					
271					
...	− 1·055	+19·185	− 3	...	...
...	0·918	−13·512	− 2	46.6343	10·2
...	0·715	+37·258	− 4	...	...
*	0·636	+32·776	1·15	45.6392	9·4
...	− 0·456	− 6·359	− 2	45.6393	10·2
...	+ 0·082	+51·238	− 2	...	...
...	0·313	−57·984	− 5	M	...
...	0·457	+34·915	0·80	45.6394	10·1
...	0·497	−55·588	− 5	M	...
...	0·677	−43·026	− 3	...	...
281					
...	+ 1·111	−55·609	− 3	...	...
*	1·152	−52·470	0·85	...	...
...	1·525	−17·434	− 4	M	...
...	1·788	−56·085	− 5	M	...
...	2·319	−54·278	− 5	M	...
...	+ 2·555	−55·931	− 5	M	...
...	3·107	+35·439	− 3	...	...
...	3·116	−55·283	− 5	M	...
...	3·161	+44·847	− 5	*m*	...
...	3·206	−55·288	− 5	M *m*	...
291					
S *	+ 3·220	+28·336	1·70	45.6395	8·7
*	3·332	+ 7·059	1·00	45.6396	9·7
...	3·621	−45·364	− 5	M	...
...	4·331	+27·737	− 3	...	...
...	4·403	+47·126	− 4	...	...
...	+ 4·516	−21·729	− 2	46.6344	10·2
...	4·557	+49·338	− 2	...	...
‡	4·773	−45·246	0·90	46.6345	9·8
†	4·792	+11·974	− 5	...	...
...	4·928	+47·449	− 1	...	...
301					
...	+ 4·984	− 3·861	0·90	45.6398	9·9
...	5·008	+ 7·449	0·90	45.6397	10·1
...	5·015	−11·802	− 5	M	...
...	5·216	+43·510	− 5	...	...
...	5·836	− 8·554	− 4	M	...
...	+ 6·330	+10·296	− 4	...	...
...	6·615	+13·557	− 2	...	...
...	6·797	+48·696	− 2	...	...
...	6·937	−31·839	− 4	M	...
...	7·193	+10·628	− 2	...	...
311					
*	+ 7·224	+ 29·660	0·95	45.6399	9·7
...	7·329	−42·473	0·75	46.6346	10·1
...	7·738	−26·377	− 4	M	...
...	7·819	+43·002	0·65	45.6400	10·2
...	7·964	−37·982	− 1	46.6347	10·2
...	+ 8·025	+47·862	− 4	...	...
N	8·1	−57·3	*	46.6348	neb
S *	8·162	−48·572	2·00	46.6349	8·4
...	8·169	−43·069	− 5	M	...
...	8·332	−40·860	− 1	...	...
321					
*	+ 8·455	+58·516	1·20	44.6350	9·3
...	8·504	+25·106	− 4	...	...
...	8·537	−53·532	− 5	...	...
...	8·587	−53·683	− 5	...	...
...	8·764	+50·575	− 3	...	...
*	+ 9·446	−37·200	0·85	46.6351	9·6
*	9·526	+37·829	1·00	45.6402	9·6
...	9·561	−36·917	− 4	...	...
...	9·623	+21·432	− 2	45.6401	10·2
...	9·734	−13·805	− 3	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
331–390					
331					
*	+ 9·988	−37·930	0·80	46.6352	9·9
...	10·045	+57·823	0·75	...	...
...	10·242	−17·281	− 3	...	...
...	10·513	+31·032	0·65	45.6403	10·1
...	10·932	−55·468	0·90	46.6353	9·9
...	+10·953	− 0·362	− 3	...	...
...	11·025	+42·313	− 4	...	...
...	11·238	+35·029	− 5	*m*	...
...	11·327	+42·681	− 5	*b*	...
...	11·420	+28·988	− 5	*m*	...
341					
...	+11·782	+55·047	− 2	...	...
...	11·968	+48·932	− 3	...	...
...	12·093	−49·703	− 5	...	...
...	12·268	+57·349	− 3	...	...
...	12·285	+ 2·899	− 5	*m*	...
...	+12·888	− 2·303	− 3	...	...
...	12·977	− 3·631	− 1	...	...
...	13·053	+31·044	− 1	45.6404	10·2
*	13·103	−32·522	1·00	46.6354	9·4
...	13·193	−54·669	− 4	...	...
351					
...	+13·202	−53·837	0·75	46.6356	9·7
...	13·342	−54·295	− 5	...	...
...	13·670	+31·567	− 1	45.6405	10·2
...	13·947	+39·212	− 5	*a*	...
...	14·089	+16·496	− 5	*m*	...
...	+14·548	+10·533	− 1	45.6406	10·1
*	14·701	− 8·766	0·90	46.6357	9·6
...	15·355	−51·666	− 4	...	...
...	15·533	+16·719	0·65	45.6407	9·9
*	15·773	−42·580	0·95	46.6358	9·6
361					
...	+15·918	−26·955	0·65	46.6359	10·2
...	16·096	+57·114	− 4	...	...
...	16·201	−28·801	− 3	...	...
*	17·126	+ 7·888	0·90	45.6409	9·7
...	17·357	+30·663	− 5	*b*	...
*	+17·373	+43·443	1·00	45.6408	9·6
...	17·552	+47·820	− 3	...	...
...	17·591	−47·950	− 2	46.6360	10·2
...	17·605	−53·053	− 4	...	...
...	17·636	+12·636	− 5	*m*	...
371					
...	+17·715	−17·020	− 5	...	...
...	17·800	+49·166	− 5	...	...
...	17·832	+12·183	− 5	...	...
...	17·895	+20·072	− 1	45.6410	10·2
...	18·014	+31·154	− 5	*m*	...
*	+18·665	− 6·264	0·95	45.6411	9·4
...	18·696	− 6·644	− 4	...	...
...	18·777	+60·082	− 1	...	...
...	18·804	−35·732	− 3	...	...
...	18·844	+26·572	− 1	45.6412	10·2
381					
...	+18·940	+ 4·317	− 5	*m*	...
...	19·243	−55·146	0·80	46.6361	10·0
...	19·641	− 9·940	− 4	...	...
†	19·747	−48·470	− 5	...	...
...	20·002	+ 3·338	− 5	*m*	...
...	+20·034	−39·039	− 3	...	...
...	20·384	+23·327	− 3	...	...
...	20·414	+46·797	− 5	*m*	...
*	20·925	−52·256	1·30	46.6362	9·0
...	21·081	−15·295	− 3	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
391–450					
391					
...	+21·418	−36·375	− 3	...	...
...	21·721	+ 2·381	− 3	...	...
*	21·846	+48·032	0·95	45.6413	9·7
...	21·962	+16·278	− 2	...	...
...	21·965	+53·408	− 5	...	...
...	+22·733	− 6·392	− 4	...	...
...	23·078	− 2·579	− 5	...	...
...	23·096	+ 5·328	− 4	...	...
...	23·362	− 2·783	− 5	...	...
...	23·494	+ 9·960	− 5	...	...
401					
...	+23·503	+36·466	− 4	...	...
...	23·950	−31·848	− 3	46.6364	10·2
...	24·353	+29·606	− 4	...	...
...	24·527	+42·556	− 4	...	...
...	24·553	+58·818	− 3	...	...
...	+24·916	+16·432	− 5	*m*	...
...	25·809	−14·867	− 5	...	...
...	26·380	+57·026	0·85	44.6361	9·9
S *	26·473	+10·044	1·50	45.6414	8·8
...	26·707	−17·539	− 3	...	...
411					
...	+26·996	+22·682	− 5	...	...
...	27·263	+32·606	− 5	...	...
...	27·270	−48·692	− 5	...	...
...	27·336	− 8·995	− 4	...	...
...	27·360	−38·418	− 5	...	...
...	+27·589	− 3·847	0·65	45.6415	9·7
...	27·679	+34·067	− 5	*m*	...
...	28·877	− 2·683	− 4	...	...
...	28·899	+53·830	− 4	...	...
...	29·542	+ 3·698	− 5	...	...
421					
...	+29·692	+35·633	− 5	...	...
...	30·109	+ 7·802	− 4	45.6417	10·2
...	30·113	−31·300	− 5	...	...
...	30·140	−46·537	− 3	...	...
...	30·178	+35·043	0·65	45.6416	10·1
*	+30·220	−48·573	1·20	46.6367	9·0
*	30·452	+ 9·913	1·40	45.6418	9·0
...	30·609	+34·968	− 5	*b*	...
...	31·393	−46·735	− 4	...	...
...	31·421	− 8·917	− 5	...	...
431					
...	+31·528	+54·826	− 4	...	...
...	32·076	+35·458	− 4	...	...
...	32·191	− 2·059	− 5	...	...
...	32·790	−25·284	− 5	...	...
...	33·250	+ 1·123	− 3	...	...
...	+33·693	+26·323	− 5	...	...
...	33·869	−51·954	− 5	...	...
...	34·061	−32·360	− 5	...	...
*	34·225	−15·260	0·95	46.6368	9·6
...	34·330	+ 4·896	− 5	...	...
441					
...	+34·404	−30·770	− 4	...	...
...	34·426	+51·435	− 5	...	...
...	34·461	+51·660	− 5	...	...
*	34·976	+35·534	1·05	45.6419	9·4
...	34·986	+53·567	− 5	...	...
*	+35·226	+58·638	3·50	44.6364	7·0
...	35·529	+56·712	− 5	...	...
...	35·896	−38·742	− 5	...	...
...	35·897	−18·981	− 2	46.6369	10·2
*	36·432	+20·681	1·15	45.6420	9·3

317. ω. Centauri.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
451–490					
451					
...	+36′·476	+15′·547	− 4	...	...
...	36·597	+58·087	0·70	44.6366	10·1
†	36·695	− 4·507	− 5	...	...
...	36·802	+56·498	− 3	...	...
...	37·088	−16·071	− 5	...	...
*	+38·271	−50·425	0·80	46.6370	10·1
*	38·350	−54·275	1·90	46.6371	8·8
...	38·548	+39·273	− 5	...	...
...	38·610	−55·185	− 1	...	...
*	38·854	+ 8·931	0·85	45.6421	9·6
461					
...	+38·878	+22·767	− 3	...	...
*	39·100	+19·803	2·00	45.6422	8·5
...	39·495	−29·303	− 4	...	...
...	40·109	+37·724	− 1	...	...
...	40·190	− 7·775	− 2	...	...
...	+40·242	+40·516	− 5	...	...
...	40·490	−46·237	− 4	...	...
...	40·499	+53·384	− 4	...	...
...	40·677	−42·973	− 1	...	...
...	40·943	+29·022	− 5	...	...
471					
...	+41·338	+ 6·481	− 3	...	...
*	41·492	−52·570	1·60	46.6372	8·8
*	41·569	− 1·532	1·40	45.6423	8·8
...	41·573	−11·554	− 3	...	...
...	42·074	+58·706	− 3	...	...
...	+42·821	−32·077	− 5	...	...
*	42·908	−31·908	1·40	46.6373	9·0
...	43·126	− 4·167	− 4	...	...
...	43·396	−11·186	− 4	...	...
...	43·531	+ 5·171	− 3	...	...
481					
...	+43·534	+ 6·578	− 4	*b*	...
...	43·717	+24·520	− 5	*m*	...
...	43·751	−24·295	− 4	...	...
...	43·815	+44·399	− 3	...	...
...	43·914	−19·761	− 1	...	...
...	+43·924	+14·865	− 1	...	...
...	43·958	−31·194	− 3	...	...
...	44·213	−28·565	− 5	...	...
...	44·481	− 2·079	− 3	...	...
...	44·784	+13·194	− 5	...	...
491–530					
491					
...	+44′·880	−46′·885	− 4	...	...
...	45·213	−14·712	− 4	...	...
...	45·638	−38·914	− 1	...	...
*	47·269	−41·506	1·10	46.6375	9·4
*	47·480	− 5·329	1·20	45.6424	8·9
...	+47·722	−34·529	− 1	...	...
...	48·238	+16·313	− 3	...	...
...	48·791	−24·724	− 3	...	...
...	48·962	+45·415	0·75	45.6425	10·2
...	49·152	+22·072	0·65	45.6426	10·2
501					
*	+49·318	−15·496	1·70	46.6376	8·8
...	49·370	−31·809	− 4	...	...
...	49·477	− 0·934	− 5	...	...
...	49·591	+17·028	− 3	...	...
...	49·799	− 5·052	− 4	...	...
...	+50·658	+ 9·967	− 3	...	...
...	52·293	+ 2·874	− 1	...	...
...	52·450	+28·027	0·65	45.6427	10·2
*	52·493	+18·378	0·90	45.6429	9·8
...	52·762	−23·624	− 2	...	...
511					
...	+53·061	+49·748	− 2	45.6428	10·2
...	53·092	+23·064	− 3	...	...
...	53·535	− 8·238	− 1	46.6378	10·2
...	53·566	+49·503	− 1	45.6430	10·2
*	53·726	−20·625	0·90	46.6379	9·9
...	+53·862	−47·641	0·65	46.6380	10·0
...	54·182	+57·630	1·00	44.6382	9·6
...	54·215	+49·389	− 1	45.6431	10·1
...	54·312	−10·086	− 3	...	...
...	54·495	−21·878	0·65	46.6381	10·2
521					
...	+54·498	−47·044	− 4	...	...
...	54·555	− 6·180	− 4	...	...
*	55·168	+17·971	0·95	45.6432	9·7
...	55·583	−24·608	− 4	...	...
...	55·941	−28·513	− 3	...	...
*	+56·576	+55·046	1·20	44.6383	9·4
*	56·742	+ 6·191	0·90	45.6434	9·8
...	56·773	− 0·072	− 5	*m*	...
...	57·037	− 8·385	− 4	...	...
S *	57·221	−13·635	2·70	46.6382	7·8
531–546					
531					
...	+57′·297	+33′·818	0·75	45.6433	10·1
...	57·425	− 7·890	− 5	...	...
...	57·749	+27·108	− 4	...	...
...	58·048	−18·934	− 4	...	...
...	58·246	+34·839	− 2	...	...
...	+58·265	− 2·456	− 2	...	...
...	58·290	+13·567	− 1	...	...
...	58·298	− 4·901	− 4	...	...
...	58·487	−16·599	− 3	...	...
...	58·707	− 5·732	− 5	...	...
541					
...	+58·808	+31·373	− 5	...	...
...	59·059	+18·031	− 3	...	...
...	59·273	+14·908	− 4	...	...
...	59·418	+14·669	− 4	...	...
...	59·493	+ 4·140	− 3	...	...
...	+59·513	−10·964	− 2	...	...

−46° No. 82 D, −4 1902·29 13h 30m

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
1–10					
1					
†	−59′·702	−20′·003	− 1	...	...
...	59·695	− 2·291	− 3	...	...
...	59·293	−31·418	− 4	...	...
...	58·562	−14·898	− 4	...	...
...	57·893	−47·074	− 5	...	...
...	−57·368	−39·081	− 3	...	...
...	56·709	+45·297	0·90	45.6425	10·2
*	56·572	− 5·458	1·80	45.6424	8·9
...	56·510	+16·198	− 4	...	...
...	55·776	+21·976	0·65	45.6426	10·2
11–20					
11					
*	−55′·665	−41′·630	1·50	46.6375	9·4
...	55·447	−34·627	− 2	...	...
†	55·190	+16·953	− 4	...	...
...	54·675	−24·791	− 3	...	...
*	54·419	−15·559	2·10	46.6376	8·8
...	−54·279	− 5·112	− 4	...	...
†	53·898	+ 9·909	− 2	...	...
...	53·860	−31·866	− 4	...	...
...	52·748	+49·765	− 3	45.6428	10·2
...	52·674	+28·037	0·65	45.6427	10·2
21–30					
21					
*	−52′·330	+18′·388	1·00	45.6429	9·8
...	52·235	+49·543	− 2	45.6430	10·2
...	52·037	+ 2·881	− 3	...	...
...	51·892	+23·095	− 3	...	...
*	51·876	+57·676	1·40	44.6382	9·6
...	−51·587	+49·443	− 1	45.6431	10·1
...	50·734	−23·578	− 3	...	...
...	50·449	− 8·176	0·80	46.6378	10·2
*	49·869	−20·549	1·00	46.6379	9·9
*	49·639	+18·078	1·00	45.6432	9·7

MC measured from 1, 143, 286.
ES „ „ 76, 211, 360.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
31–90					
31	′	′		°	
†	−49·601	−10·011	− 4	...	...
...	49·500	− 6·092	− 5	...	...
*	49·409	+55·167	1·40	44.6383	9·4
...	49·062	−21·767	0·80	46.6381	10·2
...	48·879	−47·544	0·90	46.6380	10·0
...	−48·280	−46·922	− 5	...	...
...	48·004	+33·973	0·85	45.6433	10·1
...	47·903	−24·467	− 5	...	...
*	47·692	+ 6·344	1·00	45.6434	9·8
...	47·388	−28·365	− 4	...	...
41					
...	−47·348	+27·282	− 4	...	...
...	47·115	+35·028	− 1	...	...
...	46·944	− 8·221	− 5	...	...
S *	46·567	−13·468	3·10	46.6382	7·8
...	46·377	+13·764	− 1	...	...
N * [	−45·943	+54·063	1·40	44.6385	9·4
...	45·914	− 2·254	− 4	...	...
...	45·810	− 4·700	− 5	...	...
...	45·757	+18·245	− 4	...	...
...	45·458	+15·143	− 4	...	...
51					
†	−45·295	+14·899	− 4	...	...
†	45·248	−16·375	− 2	...	...
...	44·880	+ 4·379	− 3	...	...
...	44·384	−10·704	− 3	...	...
...	44·197	+ 1·285	− 3	...	...
...	−43·237	+ 6·995	− 3	...	...
...	43·102	−29·258	− 2	...	...
...	42·899	− 3·337	0·65	45.6435	10·2
...	42·876	−15·311	− 3	...	...
...	42·793	+44·745	− 3	...	...
61					
...	−42·756	+ 3·930	− 4	...	...
†	42·702	− 9·932	− 5	...	...
...	42·345	− 0·507	− 3	...	...
...	42·345	−37·149	− 5	...	...
*	42·051	−50·898	1·20	46.6383	9·8
...	−41·816	+48·258	− 3	...	...
*	41·770	+10·874	1·10	45.6436	9·6
...	41·709	+12·340	− 5	...	...
*	41·662	−40·041	1·20	46.6384	9·6
...	41·343	−39·988	− 4	...	...
71					
...	−41·173	−35·411	− 4	...	...
...	41·067	−22·667	− 1	...	...
...	41·042	−36·005	− 4	...	...
*	40·970	− 9·794	1·70	46.6385	9·2
...	40·771	+46·153	− 3	...	...
†	−40·151	+ 6·626	− 5	...	...
...	39·845	−15·535	0·80	46.6386	10·1
...	39·755	+15·869	0·95	45.6437	9·7
...	39·562	+49·198	− 5	...	...
*	39·230	−21·588	1·20	46.6387	9·4
81					
...	−38·990	−10·784	− 4	...	...
...	38·939	+49·338	− 5	...	...
...	38·577	−17·339	− 5	...	...
*	38·368	−54·308	1·80	46.6388	9·0
*	38·249	−31·626	1·20	46.6390	9·6
...	−37·839	+ 0·436	0·95	45.6438	9·7
...	37·712	−33·665	− 5	...	...
*	37·675	+ 5·984	1·05	45.6439	9·6
*	37·496	+19·593	1·25	45.6440	9·4
...	37·224	−15·554	− 5	...	...
91–150					
91	′	′		°	
S *	−37·095	−45·391	3·00	46.6391	7·8
*	37·007	+28·173	1·10	45.6441	9·6
...	36·698	−40·848	− 3	...	...
...	36·190	+23·295	− 4	...	...
*	35·632	−16·292	1·15	46.6392	9·4
...	−34·909	+35·191	− 3	...	...
...	34·114	+20·518	− 5	...	...
...	33·161	+58·503	− 1	44.6390	10·2
*	33·062	−24·042	1·90	46.6393	8·9
...	33·007	− 7·690	0·80	45.6442	9·8
101					
...	−32·803	+15·771	− 4	...	...
...	32·437	− 2·314	− 3	...	...
...	32·295	− 9·638	− 2	...	...
...	31·649	− 0·836	− 4	...	...
...	31·574	−16·483	− 2	46.6394	10·2
...	−31·107	+24·448	− 5	...	...
S *	30·997	+58·914	1·90	44.6395	9·0
S *	30·928	−20·912	2·90	46.6395	8·2
...	30·850	+50·879	− 5	...	...
...	30·560	−20·929	− 5	...	...
111					
*	−30·392	−52·795	1·90	46.6396	9·0
...	29·578	+56·995	− 5	...	...
...	29·373	+ 5·838	− 5	...	...
...	29·263	+49·005	− 5	...	...
...	29·204	−32·532	− 4	...	...
...	−28·967	−32·563	0·95	46.6398	10·0
...	28·900	−44·158	0·85	46.6397	10·2
S *	28·698	+ 7·541	1·55	45.6443	9·0
...	28·685	+57·199	0·80	44.6397	10·2
*	28·577	−46·208	1·80	46.6399	9·0
121					
...	−28·504	+31·973	− 5	...	...
...	28·141	−38·781	− 5	...	...
†	27·971	−20·001	− 5	...	...
†	27·760	+ 4·920	0·95	45.6444	9·6
...	27·308	+55·790	0·95	44.6399	9·9
*	−27·278	+13·973	1·15	45.6445	9·4
...	26·632	+33·990	− 5	...	...
...	26·631	+23·674	− 5	...	...
...	26·470	+ 5·564	− 5	...	...
...	25·454	−24·776	0·90	46.6400	10·2
131					
...	−25·089	−40·086	− 5	...	...
...	24·017	− 8·092	1·00	46.6401	9·7
*	23·516	−27·587	1·50	46.6402	9·1
...	23·461	+36·825	0·80	45.6446	10·2
...	23·321	+53·097	− 5	...	...
...	−23·201	+48·777	− 5	...	...
...	23·133	−24·299	− 3	...	...
†	23·064	+29·939	0·75	45.6447	10·2
...	21·384	−21·219	− 4	...	...
...	21·261	−45·063	0·65	46.6403	10·2
141					
...	−21·156	+ 4·178	− 5	A	...
...	20·503	−10·404	1·00	46.6404	9·7
...	20·138	+32·717	0·80	45.6448	10·2
...	20·061	+ 1·410	0·90	45.6449	9·9
...	19·576	−33·704	− 4	...	...
...	−19·490	−59·462	−3	...	...
...	19·480	−43·028	0·80	...	...
...	19·118	+ 5·034	0·90	45.6450	9·7
...	18·983	− 6·835	− 4	...	...
*	18·936	−43·994	2·40	46.6405	8·6
151–210					
151	′	′		°	
...	−18·739	−17·414	− 4	...	...
S *	18·692	+19·737	1·40	45.6451	9·4
*	18·150	−50·105	1·30	46.6406	9·4
...	18·009	−56·224	− 3	...	...
*	17·403	+42·032	0·90	45.6452	10·0
...	−17·383	+25·524	− 5	...	...
...	16·738	+47·567	0·85	45.6453	10·1
...	16·356	−16·148	− 1	...	...
...	16·311	− 3·982	0·75	...	...
...	16·282	+21·538	− 3	...	...
161					
...	−15·960	+11·348	− 1	...	...
...	15·366	−30·543	− 5	...	...
†	15·309	−39·535	− 2	...	...
...	15·126	+36·785	− 4	...	...
...	14·680	+ 8·664	− 5	...	...
...	−14·440	−30·760	− 2	...	...
...	14·268	+57·395	− 5	...	...
...	13·812	+57·150	− 1	44.6413	10·2
...	13·800	−46·657	− 3	...	...
...	13·760	+37·409	− 2	...	...
171					
...	−13·101	+57·944	− 1	...	...
...	12·727	+40·929	− 2	...	...
...	12·724	− 5·661	− 3	...	...
...	12·722	+ 2·635	− 1	...	...
...	12·079	+22·165	− 1	...	...
*	−11·628	+ 5·171	1·60	45.6454	9·4
*	11·590	−37·825	1·30	46.6407	9·6
*	11·393	+54·989	1·30	44.6416	9·4
...	11·362	+43·855	− 2	...	...
...	11·325	+53·624	− 4	...	...
181	−11·284	−52·051	− 5	...	...
...	10·762	− 5·382	− 4	...	...
...	10·718	−43·270	− 5	...	...
...	10·669	−31·789	0·65	46.6409	10·2
...	10·403	+34·463	− 5	...	...
...	−10·206	− 2·474	− 1	...	...
...	10·011	+40·551	− 4	...	...
...	9·843	−42·244	− 4	...	...
*	9·642	−29·744	1·00	46.6410	10·0
...	9·178	+20·287	− 5	...	...
191					
...	− 8·725	+39·657	− 4	...	...
...	8·530	+43·237	− 4	...	...
...	8·457	+20·883	− 2	...	...
...	7·361	−59·202	− 5	...	...
S *	6·767	+47·342	2·70	45.6455	8·6
...	− 6·307	+39·632	− 5	*m*	...
‡	5·318	+56·198	2·20	44.6422	8·8
*	5·170	− 3·260	1·30	45.6456	9·6
†	4·622	−54·894	− 4	...	...
...	3·536	+59·549	− 4	*m*	...
201					
...	− 3·512	−50·194	− 5	*m*	...
...	3·269	−14·868	− 1	46.6411	10·0
...	3·134	−32·048	− 4	...	...
...	2·061	−14·926	− 2	...	...
...	1·996	+50·155	− 2	...	...
*	− 1·714	− 2·927	1·60	45.6457	9·3
...	1·083	+17·584	− 2	...	...
...	1·066	−48·655	− 5	*m*	...
...	0·975	+15·236	− 4	...	...
...	0·690	+32·387	− 4	*m*	...

46. Mass. 45°·81, two stars.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
211–270					
211					
...	− 0·133	+50·626	0·80	45.6458	10·1
...	+ 0·211	−53·935	0·65	46.6412	10·2
...	0·471	−43·270	− 1	...	...
...	0·836	+27·328	− 5	...	...
...	0·880	+ 3·676	− 5	B *m*	...
*	+ 1·184	−23·473	1·25	46.6413	9·4
...	1·518	+52·888	− 2	...	...
...	2·006	+13·223	0·65	45.6459	10·2
...	2·095	+46·706	− 4	...	...
...	2·240	+ 2·142	− 3	*m*	...
221					
...	+ 3·107	+48·656	− 3	...	...
...	3·318	−19·812	− 5	...	...
...	3·571	+41·426	− 5	...	...
*	4·291	−20·387	1·30	46.6415	9·3
...	5·083	+ 2·346	− 4	...	...
...	+ 5·291	+49·978	− 3	...	...
...	5·419	+50·977	− 5	...	...
S *	5·557	−47·201	2·70	46.6416	8·0
...	5·716	+14·265	− 5	M *m*	...
...	5·859	−51·334	0·75	46.6417	10·1
231					
...	+ 5·956	+ 4·840	− 4	B *m*	...
...	6·033	− 2·114	− 1	...	...
...	6·132	+ 0·780	− 5	B *m*	...
...	6·348	−40·921	− 1	46.6418	10·2
*	6·487	+ 7·661	1·80	45.6460	9·1
...	+ 6·657	−55·992	− 3	...	...
...	6·685	+48·069	0·90	45.6461	9·9
*	6·861	−59·409	2·10	46.6419	8·8
...	6·942	−39·675	− 4	...	...
...	6·948	− 7·142	− 5	...	...
241					
*	+ 6·993	+ 6·685	1·80	45.6462	9·1
...	6·995	−56·715	0·85	46.6421	10·0
...	7·030	+22·711	− 5	B *m*	...
...	7·134	+20·585	0·70	45.6463	10·2
...	7·752	+52·121	− 5	M	...
...	+ 7·872	−37·839	− 5	...	...
...	8·071	−39·491	− 4	...	...
...	8·397	+38·960	− 5	*b*	...
...	8·667	+28·167	− 5	...	...
...	9·323	+ 2·893	− 3	...	...
251					
†	+ 9·356	+49·844	− 4	...	...
...	10·167	−36·942	− 4	...	...
...	10·316	+33·280	− 5	*a*	...
...	10·375	+49·441	− 5	...	...
...	10·389	−36·838	0·75	46.6422	9·8
†	+10·414	+34·876	0·80	45.6464	10·0
*	10·853	+26·995	1·70	45.6465	9·1
...	11·215	+23·360	− 5	...	...
*	11·640	−30·322	3·00	46.6423	7·8
...	11·646	−44·404	− 5	*a*	...
261					
...	+12·235	+32·559	0·90	45.6466	9·8
...	12·553	−46·617	− 5	*a*	...
...	13·001	+22·972	− 5	...	...
...	13·103	−59·454	− 5	...	...
...	13·247	+51·455	− 4	...	...
*	+13·766	−17·073	2·00	46.6425	8·9
S *	14·028	+ 4·947	6·00	45.6467	6·6
*	14·493	− 2·891	1·80	45.6468	9·1
†	14·572	−39·119	− 5	*a*	...
†	14·955	+44·886	− 2	...	...
271–330					
271					
*	+15·990	−34·066	1·20	46.6426	9·6
...	16·202	+42·504	− 4	...	...
*	16·386	+57·995	1·70	44.6440	9·1
...	16·762	+58·525	0·75	44.6441	10·1
...	16·983	−45·647	− 5	...	...
*	+17·200	+57·817	1·45	44.6442	9·4
...	17·486	+56·667	− 3	...	...
...	17·507	−18·579	− 2	...	...
S *	17·705	+19·349	2·60	45.6469	8·5
*	18·589	+37·588	2·00	45.6470	8·8
281					
...	+18·593	−16·798	− 1	46.6428	10·2
...	19·281	+31·424	− 5	*a*	...
...	19·297	− 7·648	− 5	*m*	...
*	19·370	+34·764	1·30	45.6471	9·4
*	19·541	+57·341	1·05	44.6443	9·6
...	+19·879	+ 0·358	− 1	45.6472	10·2
*	20·288	−19·705	2·20	46.6429	8·8
...	20·353	−33·053	− 3	...	...
...	20·614	−57·674	− 1	46.6430	10·2
...	21·475	− 3·281	− 3	...	...
291					
...	+21·486	−55·651	− 3	...	...
...	21·693	+52·010	− 4	...	...
*	21·870	−16·410	1·20	46.6431	9·4
...	22·026	− 1·963	− 4	*b*	...
*	22·146	−44·698	1·30	46.6432	9·4
...	+22·166	+59·243	− 2	...	...
...	22·359	+10·793	− 2	...	...
‡	22·455	+34·860	1·00	45.6473	9·8
...	22·491	−23·619	− 3	...	...
...	22·695	+18·824	− 2	...	...
301					
...	+23·354	+56·461	− 2	...	...
...	23·357	+52·059	− 4	...	...
...	23·641	−31·316	− 3	...	...
...	23·667	+48·555	− 1	...	...
...	23·689	+28·913	0·75	45.6474	10·2
...	+24·766	−26·558	− 5	*m*	...
...	25·081	+23·521	− 5	*m*	...
...	25·424	−16·901	− 5	*m*	...
...	25·529	+ 3·249	− 3	...	...
...	25·590	+51·963	0·90	45.6475	10·1
311					
...	+25·717	+18·533	− 1	45.6476	10·1
*	26·382	−33·666	1·40	46.6434	9·4
*	26·575	+ 6·889	2·00	45.6477	8·8
*	27·596	−27·951	2·70	46.6435	8·3
...	27·981	+12·450	− 2	...	...
...	+28·064	−18·317	0·85	46.6436	10·1
...	28·431	−29·535	0·90	46.6437	9·9
...	28·544	+51·078	− 4	...	...
†	28·678	+14·853	− 5	*m*	...
...	28·699	+47·493	− 1	45.6478	10·2
321					
...	+29·970	+47·524	0·95	45.6479	10·1
*	30·276	+ 8·709	1·10	45.6480	9·7
*	30·288	+59·148	1·10	44.6451	9·6
...	30·786	− 4·840	1·00	45.6481	9·9
...	30·921	−20·494	− 5	*m*	...
S *	+31·110	−16·081	1·80	46.6438	9·0
...	31·165	−27·322	− 1	...	...
...	31·571	+16·192	− 4	*b*	...
*	32·176	+ 2·111	1·20	45.6482	9·6
...	32·178	+56·612	− 5	...	...
331–390					
331					
...	+32·186	−25·698	− 5	...	...
...	32·653	+ 0·233	− 4	...	...
...	32·658	+27·520	− 5	...	...
...	32·845	+50·298	− 4	...	...
...	33·315	− 0·493	− 5	*m*	...
...	+33·465	+53·800	− 4	...	...
...	34·002	−37·458	− 4	...	...
...	34·229	+13·838	− 4	...	...
...	34·325	+27·490	− 4	*a*	...
...	34·504	+37·217	− 1	45.6483	10·2
341					
...	+35·115	+41·317	1·00	45.6484	10·1
*	35·215	− 9·786	1·00	46.6439	10·0
...	35·675	+42·114	− 1	45.6485	10·2
...	36·136	− 7·210	− 5	*m*	...
...	36·356	−35·518	− 5	*a*	...
*	+36·542	− 5·756	1·20	45.6486	9·6
...	36·969	−13·315	− 5	*m*	...
*	37·110	+43·119	1·10	45.6487	9·7
...	37·328	−16·179	− 3	...	...
...	37·474	+ 9·255	− 3	...	...
351					
...	+37·784	−33·686	− 3	...	...
...	37·944	−26·288	− 2	...	...
...	38·101	−50·016	− 5	...	...
...	38·162	−18·113	− 5	*m*	...
*	38·228	−55·238	1·50	46.6442	9·3
...	+38·557	+13·518	− 3	...	...
...	38·596	−24·521	− 4	...	...
*	38·664	−54·472	1·30	46.6443	9·6
*	39·179	+57·611	1·70	44.6455	9·0
...	39·861	+52·485	− 3	...	...
361					
*	+40·052	−10·228	1·00	46.6444	9·6
...	40·587	− 3·743	− 1	...	...
†	41·283	−25·011	0·80	46.6445	10·2
...	41·335	+27·144	− 4	...	...
...	41·949	−58·463	− 3	...	...
†	+42·293	+29·906	− 1	...	...
...	42·391	−21·837	− 3	...	...
*	42·489	−28·269	1·20	46.6446	9·3
...	42·897	−54·205	− 5	...	...
...	42·958	+17·371	− 1	...	...
371					
...	+43·649	−45·477	0·75	46.6447	10·1
...	44·014	+51·541	− 5	*m*	...
*	44·264	+47·241	2·00	45.6489	9·0
...	44·288	− 2·577	− 3	...	...
...	44·309	−55·738	− 3	...	...
*	+44·323	+47·630	2·40	45.6488	8·7
...	44·432	−18·526	− 3	...	...
...	45·250	− 3·696	− 5	*e*	...
...	45·441	+51·501	0·80	45.6490	10·0
†	45·711	−29·954	− 5	...	...
381					
...	+45·813	+15·654	− 5	...	...
*	46·424	− 1·082	1·90	45.6491	8·7
N	46·443	− 2·133	0·90	45.6492	10·0
...	46·506	−26·120	− 5	...	...
...	47·098	+42·196	− 5	...	...
...	+47·278	+19·310	− 5	...	...
*	47·291	−41·506	1·15	46.6449	9·6
*	47·313	+36·473	1·70	45.6493	9·2
...	47·624	+ 4·513	− 5	*e*	...
*	48·184	−12·019	0·90	46.6450	9·6

383. Obscures 3rd image of 382.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
391–410					
391					
*	+48′·863	−22′·395	1·05	46.6452	9·7
*	48·898	+34·228	2·40	45.6494	8·3
*	49·401	−30·426	1·80	46.6453	9·1
...	49·760	+43·898	0·95	45.6495	9·7
*	49·835	+55·413	2·20	44.6464	8·8
...	+49·947	+16·407	− 4	...	...
...	50·057	+ 9·568	0·80	45.6496	10·0
...	50·600	+ 1·848	0·95	45.6497	10·0
...	50·940	−12·744	1·00	46.6454	9·9
...	51·418	−44·433	− 5	*a*	...
401					
...	+51·737	+ 3·374	− 5	...	...
...	52·741	+45·349	− 5	...	...
†	53·101	− 5·015	0·70	45.6500	10·2
...	53·162	−10·100	− 3	...	...
...	53·253	+10·428	0·90	45.6498	9·9
*	+53·347	+ 9·235	1·90	45.6499	8·9
‡	53·626	+54·723	2·00	44.6469	8·8
...	53·696	+ 5·595	− 4	*e*	...
...	53·804	+27·858	− 3	...	...
SN*	54·220	+28·292	3·00	45.6501	7·6
411–427					
411					
†	+54′·569	−35′·509	0·70	46.6455	10·2
...	55·038	+ 5·345	− 5	*e*	...
*	55·101	−30·196	1·60	46.6457	9·1
...	55·194	−23·557	0·95	46.6456	9·8
...	55·542	− 7·947	− 3	...	...
...	+56·418	+21·518	− 3	...	...
...	56·811	− 2·222	− 4	*e*	...
...	57·167	+17·671	− 5	...	...
...	57·773	− 5·837	− 3	...	...
*	58·250	+32·485	1·00	45.6502	9·8
421					
*	+58·615	+17·832	2·00	45.6503	8·7
...	58·667	−28·165	0·85	46.6458	10·2
...	59·279	+53·148	− 1	44.6472	10·2
...	59·376	+ 0·255	− 5	*e*	...
*	59·394	−47·384	1·60	46.6459	9·4
†	+59·461	+37·596	− 5	...	...
...	59·461	+42·699	− 4	...	...

410. Remeasure 1914, $y = 28'{\cdot}309$.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
1–30					
1					
...	−59′·868	− 2′·824	− 3	...	...
...	59·216	−18·766	− 2	...	...
...	59·155	−45·727	0·85	46.6447	10·1
...	58·909	+15·440	− 4	...	...
...	58·876	− 3·914	− 4	E	...
...	−58·461	+42·016	− 4	...	...
...	58·175	−55·964	− 4	...	...
*	58·054	+36·296	1·60	45.6493	9·2
*	57·768	− 1·275	1·80	45.6491	8·7
...	57·713	− 2·320	0·75	45.6492	10·0
11					
...	−57·566	+19·143	− 5	...	...
...	56·900	−26·286	− 5	...	...
...	56·751	+ 4·357	− 5	E	...
*	56·395	+34·103	2·50	45.6494	8·3
*	56·131	+55·298	2·00	44.6464	8·8
...	−55·849	+43·798	0·95	45.6495	9·7
...	55·664	−12·139	0·95	46.6450	9·6
*	55·638	−41·647	1·10	46.6449	9·6
...	54·810	+16·332	− 4	...	...
*	54·666	−22·483	1·10	46.6452	9·7
21					
...	−54·480	+ 9·486	0·70	45.6496	10·0
*	53·873	−30·497	1·50	46.6453	9·1
...	53·692	+ 1·776	0·85	45.6497	10·0
...	52·909	+45·344	− 5	...	...
...	52·893	−12·785	0·85	46.6454	9·9
...	−52·608	+ 3·352	− 5	...	...
*	52·298	+54·733	2·00	44.6469	8·8
...	51·311	+10·444	0·80	45.6498	9·9
...	51·308	+27·891	− 1	...	...
*	51·174	+ 9·259	1·60	45.6499	8·9
31–60					
31					
†	−50′·974	− 4′·996	0·65	45.6500	10·2
S *	50·884	+28·336	3·20	45.6501	7·6
...	50·744	−10·060	− 4	...	...
...	50·714	+ 5·626	− 4	E	...
...	50·626	+33·095	− 5	...	...
...	−50·012	+28·582	− 5	A	...
...	49·363	+ 5·429	− 5	E	...
...	48·545	−35·422	0·70	46.6455	10·2
...	48·494	+21·636	− 3	...	...
...	48·443	− 7·847	− 3	...	...
41					
...	−48·303	−23·445	0·70	46.6456	9·8
*	48·182	−30·083	1·40	46.6457	9·1
...	48·006	+51·173	− 5	A	...
...	47·620	+17·820	− 5	...	...
...	47·348	− 2·087	− 3	E	...
...	−46·994	+32·663	0·95	45.6502	9·8
...	46·615	+53·340	− 1	44.6472	10·2
...	46·279	− 5·652	− 3	...	...
*	46·173	+18·010	2·00	45.6503	8·7
...	46·096	+42·908	− 3	...	...
51					
...	−46·059	−50·697	− 4	...	...
...	45·939	+37·803	− 5	...	...
...	44·922	+16·288	− 1	45.6504	10·2
...	44·869	+ 0·483	− 5	E	...
...	44·681	−27·946	0·70	46.6458	10·2
...	−44·281	+41·465	− 3	...	...
...	43·868	+ 5·118	− 3	...	...
*	43·685	+38·983	2·60	45.6505	8·2
...	43·415	+37·477	− 4	...	...
*	43·346	−47·132	1·20	46.6459	9·4
61–90					
61					
...	−43′·333	+37′·720	− 4	...	...
...	43·269	+55·170	0·70	44.6474	10·2
...	42·792	+11·075	− 4	...	...
...	42·632	−57·008	1·05	46.6460	9·8
...	42·473	−43·414	− 4	...	...
...	−42·213	+15·815	− 5	...	...
...	41·677	+23·708	− 5	...	...
...	40·954	+57·310	− 5	A	...
...	39·793	+18·182	− 5	...	...
...	39·681	− 6·758	− 4	...	...
71					
†	−39·628	+49·809	− 4	...	...
...	39·001	−35·133	− 3	...	...
*	38·878	−59·563	1·60	46.6461	9·4
*	38·828	+54·364	1·80	44.6480	9·1
S *	38·809	−44·884	2·30	46.6462	8·3
...	−38·704	+ 0·716	− 3	...	...
...	38·566	−42·467	− 5	A	...
...	38·377	+29·783	− 5	...	...
*	38·157	+46·433	1·80	45.6506	9·1
...	37·681	+12·077	− 3	...	...
81					
...	−36·607	+48·240	− 4	...	...
...	36·512	+41·116	− 5	...	...
...	35·837	−44·754	− 4	...	...
...	35·745	+15·488	− 5	...	...
...	35·651	+30·777	− 4	...	...
...	−35·575	−20·897	− 5	...	...
...	35·515	+55·897	− 5	...	...
...	34·902	−20·813	− 4	...	...
...	33·780	−57·055	− 3	...	...
...	33·544	+23·824	− 3	...	...

ES measured from 1, 193.
MC „ „ 101, 285.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
91–150					
91	′	′		°	
†	−33·494	+24·882	0·65	45.6507	10·2
…	33·296	−33·295	− 5	…	…
…	33·174	+47·791	0·70	45.6508	10·2
*	32·935	−29·290	2·30	46.6463	8·6
…	32·743	+54·137	− 5	…	…
*	−32·154	−51·259	1·80	46.6464	9·0
…	31·958	−16·709	0·70	46.6465	10·1
…	31·879	− 7·485	− 4	…	…
…	31·147	+47·086	− 4	…	…
…	30·779	−55·282	− 5	…	…
101					
†	−30·115	+57·187	0·80	44.6484	10·2
…	29·882	+ 0·291	− 5	…	…
…	29·425	+ 0·088	− 5	…	…
…	29·380	+13·626	− 3	45.6509	9·9
S *	29·090	+27·362	2·90	45.6510	8·2
…	−28·849	+51·677	0·80	45.6511	10·2
…	28·603	+58·008	− 4	…	…
…	28·573	+52·648	− 5	…	…
S *	28·513	− 7·968	2·20	46.6466	8·5
…	28·453	+24·044	− 5	…	…
111					
…	−28·040	+56·186	− 4	…	…
…	27·409	− 2·344	− 2	45.6512	10·2
*	26·925	+55·559	1·10	44.6487	9·4
…	26·621	−51·026	− 4	…	…
…	26·575	−56·612	− 4	…	…
*	−26·435	− 9·394	1·00	46.6467	9·6
…	25·424	− 8·003	− 3	46.6468	10·1
…	24·955	−52·137	0·85	46.6469	10·2
…	24·647	+48·495	− 4	…	…
…	24·163	−15·995	− 4	…	…
121					
*	−24·094	−42·162	1·00	46.6470	9·6
*	23·645	− 6·485	1·90	45.6513	9·0
…	23·623	+44·383	− 2	…	…
…	23·456	−58·119	− 3	…	…
…	22·588	−50·787	− 5	B	…
‡	−22·586	−10·015	1·60	46.6471	8·8
*	22·493	−13·238	1·80	46.6472	8·9
…	22·309	+23·408	− 4	…	…
…	22·269	+19·214	− 1	45.6514	9·9
…	21·629	+ 1·366	− 5	…	…
131					
…	−21·540	+18·361	0·90	45.6515	9·9
…	21·501	+31·429	1·00	45.6516	9·7
…	21·495	+40·126	− 4	A	…
*	21·251	−35·050	1·80	46.6474	8·8
…	21·187	−34·058	− 4	…	…
…	−20·935	+22·673	− 4	…	…
…	20·920	−31·218	− 3	…	…
…	20·861	− 0·860	− 4	…	…
…	20·752	+ 6·537	− 4	…	…
…	20·430	+18·782	− 1	45 6518	10·1
141					
…	−20·417	+ 6·354	0·80	45.6517	10·0
‡	20·290	−38·804	1·80	46.6475	9·0
…	20·098	−33·846	− 4	…	…
…	20·042	−49·495	− 2	46.6476	10·2
…	19·995	+ 7·208	− 1	45.6519	10·1
…	−19·465	+27·252	− 4	…	…
…	18·791	+43·644	− 4	A	…
…	17·888	−17·276	− 4	…	…
…	17·815	−36·380	0·90	46.6477	9·7
…	17·407	+ 9·845	− 5	…	…
151–210					
151	′	′		°	
…	−16·777	−26·227	− 5	…	…
…	16·353	−20·642	0·80	46.6478	10·0
*	15·508	−42·896	3·40	46.6479	7·6
*	15·041	−10·169	1·60	46.6480	9·2
…	14·520	+44·977	− 5	…	…
…	−14·518	+58·665	− 5	…	…
*	14·068	−55·975	1·30	46.6481	9·5
…	13·417	− 3·792	− 1	45.6520	9·9
…	13·198	+51·095	0·80	…	…
…	13·011	+12·599	− 3	45.6521	10·1
161					
†	−12·364	−24·947	− 4	…	…
…	12·281	+30·336	− 3	…	…
…	11·965	−23·658	− 5	…	…
…	11·443	− 8·397	− 1	46.6482	9·6
*	11·435	+30·850	1·00	45.6523	9·6
…	−11·434	−56·407	− 4	…	…
…	11·328	+35·717	− 3	…	…
…	11·242	− 1·789	− 3	45.6522	10·1
…	11·218	+25·805	− 4	…	…
*	11·139	+24·648	1·30	45.6524	9·5
171					
*	−11·060	−49·846	1·00	46.6483	9·6
…	10·950	+55·264	0·90	44.6497	9·9
*	10·626	+47·103	1·80	45.6525	9·2
†	10·304	+20·590	− 4	45.6526	10·0
…	8·426	−41·798	− 1	…	…
*	− 7·574	+55·911	1·00	44.6500	9·6
…	7·194	−18·156	− 5	M	…
*	6·524	+42·792	1·30	45.6527	9·4
†	6·357	−44·898	− 5	M	…
…	6·071	−59·250	− 5	M	…
181					
…	− 4·788	−13·031	1·40	46.6485	9·4
…	4·565	+34·242	− 5	…	…
*	3·459	−44·267	1·20	46.6486	9·4
…	3·236	+50·065	1·10	45.6528	9·8
*	2·968	+11·825	1·80	45.6529	9·2
…	− 2·473	+47·071	0·90	45.6530	10·0
…	1·892	+59·060	1·10	44.6505	9·8
…	1·779	−23·629	− 5	…	…
…	1·228	+20·201	1·40	45.6531	9·6
…	1·189	+35·571	− 4	…	…
191					
…	− 1·148	+23·222	− 4	…	…
…	− 0·834	+51·043	− 3	…	…
*	+ 0·468	−49·421	1·90	46.6487	8·9
…	0·869	+42·798	− 3	…	…
S *	1·399	−39·274	2·30	46.6488	8·8
S *	+ 1·444	+ 8·116	3·50	45.6532	7·7
…	1·536	+57·570	0·75	44.6509	10·0
…	1·974	−33·232	− 5	…	…
…	2·533	+ 6·951	− 1	45.6533	10·0
…	3·083	− 5·323	− 1	45.6534	10·0
201					
…	+ 3·140	−47·674	− 5	M	…
…	4·150	+44·313	− 2	…	…
S *	5·167	+45·357	1·80	45.6535	9·0
…	5·536	−24·795	− 3	46.6489	10·0
…	5·986	−57·592	− 4	…	…
…	+ 7·131	−29·286	− 5	…	…
…	7·445	−49·650	− 4	M	…
…	7·502	−47·451	− 2	…	…
…	7·710	+44·321	− 2	45.6536	10·0
…	7·752	+ 5·615	1·35	45.6537	9·4
211–270					
211	′	′		°	
…	+ 8·336	−50·734	− 5	…	…
…	8·963	−40·592	− 3	…	…
…	9·632	+28·608	− 5	…	…
*	9·856	+21·242	1·70	45.6538	9·2
…	10·509	−29·811	− 4	…	…
…	+10·782	−58·603	0·65	…	…
…	10·996	− 5·253	0·75	45.6539	9·8
…	11·051	+25·214	− 5	…	…
…	11·087	+24·435	− 3	…	…
…	11·246	− 9·792	− 3	46.6490	10·0
221					
…	+11·250	− 9·649	− 5	…	…
…	11·375	−58·348	− 5	…	…
…	11·424	−57·828	− 5	…	…
…	11·520	+42·827	0·90	45.6540	9·9
…	12·059	+14·533	− 2	45.6541	10·0
…	+12·294	+55·998	− 2	…	…
…	12·386	−48·859	0·75	46.6491	9·8
…	12·492	−51·542	− 5	…	…
…	12·514	−24·186	0·90	46.6492	9·7
…	12·990	− 8·551	− 1	…	…
231					
…	+13·035	−16·539	− 5	…	…
…	13·073	−43·062	− 4	…	…
…	13·562	−47·344	0·65	46.6493	10·0
…	14·370	+ 2·803	0·75	45.6544	10·0
…	14·385	+51·527	0·65	45.6542	10·0
*	+14·460	+20·323	1·70	45.6543	9·0
…	15·012	−22·370	− 5	…	…
…	15·369	−24·829	− 5	…	…
…	15·607	+59·261	0·70	44.6521	10·0
S *	16·256	+26·097	2·20	45.6545	8·6
241					
…	+16·953	−52·031	− 4	…	…
…	17·298	−34·714	− 5	…	…
…	17·317	+ 9·757	− 5	…	…
*	17·357	−54·351	2·30	46.6495	8·4
…	17·777	+23·620	− 4	…	…
…	+17·879	−29·283	− 5	…	…
…	17·965	+19·332	− 4	…	…
…	18·786	+43·887	0·80	45.6546	10·0
…	19·006	+34·975	− 4	…	…
…	19·097	−50·205	− 3	…	…
251					
…	+19·753	−58·957	− 3	…	…
…	20·778	+24·973	0·80	45.6547	9·8
…	21·308	−31·331	− 4	…	…
…	21·444	−59·420	− 5	…	…
S *	21·635	−59·055	2·20	46.6496	8·2
…	+21·676	−27·741	− 4	…	…
…	22·231	+ 4·539	− 4	…	…
*	23·055	−18·679	2·00	46.6497	8·9
…	23·089	+55·498	− 2	…	…
…	23·231	+20·297	− 3	…	…
261					
…	+24·262	− 2·959	0·65	45.6548	10·0
…	24·389	− 7·809	− 3	…	…
†	24·670	+26·380	0·90	45.6549	9·9
…	24·747	+24·485	− 5	…	…
…	24·838	−36·694	− 3	…	…
…	+24·969	+20·778	− 5	…	…
…	25·086	−18·039	− 4	…	…
…	25·252	+57·446	− 5	…	…
…	25·656	+24·190	0·75	45.6550	10·0
*	25·775	−28·578	3·40	46.6499	7·9

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
271–320					
271					
...	+26·013	−56·128	− 5	...	...
...	26·158	−13·254	1·10	46.6500	9·5
...	26·567	+26·102	− 5	...	...
...	26·991	+44·475	− 5	...	...
*	27·097	+56·643	1·80	44.6529	9·2
...	+27·481	−34·174	− 5	...	...
S *	28·136	−15·919	2·90	46.6501	8·2
...	28·453	− 7·263	− 3	45.6551	10·0
*	28·728	− 3·619	1·60	45.6553	9·4
†	28·894	−24·962	0·65	46.6502	9·9
281					
...	+29·164	+51·856	1·05	45.6552	9·7
...	29·244	+54·085	− 5	...	...
...	29·542	+25·822	− 5	...	...
...	29·553	+12·339	− 5	...	...
...	29·697	−48·983	− 4	...	...
...	+29·698	−28·856	1·00	46.6503	9·5
...	29·916	+45·761	0·95	45.6554	9·9
*	30·040	−15·498	1·80	46.6504	9·1
*	30·952	+34·609	1·10	45.6555	9·6
...	31·729	−51·714	− 1	...	...
291					
...	+32·105	−42·566	− 4	...	...
...	32·732	−17·227	− 2	...	...
...	33·174	−43·040	− 4	...	...
...	33·511	−25·741	− 5	...	...
...	33·581	−49·029	− 4	...	...
*	+34·095	+ 0·256	1·30	45.6556	9·4
* [	34·408	−52·519	2·00	46.6506	8·0
‡	34·562	−52·480	2·00		
...	34·687	−50·621	− 3	...	...
...	34·789	−58·067	− 1	...	...
301					
...	+34·861	+ 0·239	− 5	...	...
...	35·125	−31·899	− 1	...	...
...	35·323	+ 3·309	− 5	...	...
...	35·468	+24·464	0·90	45.6558	9·9
S *	35·604	+41·436	1·35	45.6557	9·2
...	+35·616	− 9·033	− 4	...	...
*	35·847	−27·314	1·80	46.6509	9·0
...	35·854	−24·491	0·80	46.6508	10·0
†	35·898	−49·938	− 3	...	...
*	36·004	−59·504	1·10	46.6510	9·6
311					
...	+36·145	+ 2·964	− 2	...	...
...	36·278	−32·765	− 3	...	...
...	36·707	+27·370	− 4	...	...
...	36·720	+16·229	0·90	45.6559	10·0
N	36·753	+22·648	− 4	...	...
...	+36·829	+50·069	− 4	...	...
...	37·489	+48·390	− 4	...	...
...	37·568	−38·079	− 5	...	...
...	37·669	+53·620	− 5	...	...
...	37·768	−14·669	0·65	46.6511	10·0
321–370					
321					
*	+37·811	+36·127	1·20	45.6560	9·6
...	38·393	−11·550	− 5	...	...
...	38·550	−26·926	0·95	46.6512	10·0
...	39·511	−46·911	0·90	46.6514	10·0
...	39·858	+54·061	0·90	44.6537	10·0
...	+40·023	+29·480	0·65	...	...
...	40·745	+57·351	− 1	...	...
...	40·806	− 6·242	− 4	...	...
...	40·994	+18·048	− 5	...	...
...	41·400	− 0·479	− 4	...	...
331					
...	+41·452	−58·246	− 5	...	...
*	41·472	−27·266	1·00	46.6515	9·8
...	41·586	−31·621	0·65	46.6516	10·0
*	41·653	− 2·952	1·40	45.6561	9·4
...	42·196	− 8·327	− 2	...	...
...	+42·611	+ 5·643	0·80	45.6562	10·0
...	42·645	−20·915	− 2	...	...
*	43·678	−24·392	1·10	46.6517	9·5
†	44·573	+22·050	− 1	...	...
...	44·727	+15·223	− 1	...	...
341					
...	+44·916	−51·162	− 3	...	...
...	45·025	−17·923	− 5	...	...
...	45·280	+24·910	− 5	...	...
*	45·300	−30·771	1·00	46.6518	9·4
...	45·875	−42·925	− 5	...	...
...	+46·196	− 3·669	− 2	...	...
...	46·596	+30·064	− 1	...	...
...	46·609	−31·133	0·90	46.6519	10·0
...	46·879	−46·623	0·75	...	...
...	47·083	− 5·675	− 5	...	...
351					
...	+47·229	−17·613	− 2	...	...
...	47·737	+14·417	− 5	...	...
...	48·116	+55·662	− 3	...	...
...	48·193	+51·003	− 1	...	...
...	48·552	+38·368	0·90	...	...
*	+48·595	+46·008	1·00	45.6563	9·5
...	49·199	+48·235	− 5	...	...
...	49·231	− 1·153	− 1	...	...
...	49·446	+54·000	− 5	...	...
...	49·711	− 8·505	− 5	...	...
361					
*	+49·744	−18·646	1·00	46.6520	9·6
...	49·838	+31·561	− 1	...	...
...	49·975	+46·682	− 5	...	...
...	50·227	−18·507	− 3	...	...
...	50·241	−29·045	− 3	...	...
...	+50·243	+47·646	1·00	45.6564	9·9
...	50·517	+ 5·518	− 3	...	...
...	51·125	−46·478	− 4	...	...
...	51·343	+41·913	1·00	45.6565	9·6
...	51·959	−34·497	− 5	...	...
371–406					
371					
...	+52·159	+53·970	− 4	...	...
...	52·772	− 8·685	− 3	...	...
...	53·036	−47·737	0·95	46.6522	10·0
...	53·743	−37·137	0·90	46.6523	10·0
*	53·917	+17·717	1·00	45.6566	9·9
...	+54·058	+28·199	− 4	...	...
...	54·388	−16·401	0·65	46.6524	10·0
*	54·400	−53·009	1·20	46.6525	9·4
...	54·662	+ 8·061	0·75	45.6567	10·0
*	54·869	−56·880	1·40	46.6526	9·4
381					
...	+54·988	+ 4·220	− 4	...	...
...	55·020	−27·441	− 3	...	...
*	55·063	+ 2·172	1·20	45.6568	9·4
...	55·291	+32·472	− 5	...	...
*	55·518	+ 2·577	1·20	45.6569	9·5
...	+55·710	−31·990	− 3	...	...
...	56·033	+52·328	− 4	...	...
...	56·197	−45·888	− 3	...	...
...	56·524	+39·412	− 3	...	...
...	56·550	−56·147	− 3	46.6527	10·0
391					
†	+56·980	− 5·123	0·90	45.6570	10·0
*	57·097	−37·600	2·00	46.6528	8·7
...	57·465	−44·686	− 5	...	...
...	57·616	−16·684	− 2	...	...
...	57·685	+12·877	− 5	...	...
S *	+57·821	−24·689	5·20	46.6529	6·5
*	58·014	+ 6·597	1·10	45.6571	9·8
...	58·199	−42·144	0·90	46.6530	9·9
...	58·481	+ 0·832	− 3	...	...
...	58·677	+27·881	− 3	...	...
401					
...	+58·692	−33·612	1·00	46.6531	9·8
...	58·791	− 4·693	1·00	45.6572	10·0
...	58·862	−19·412	− 5	...	...
...	59·095	+ 2·908	0·85	45.6573	10·0
*	59·142	−41·650	1·20	46.6532	9·5
...	+59·364	−20·426	0·75	...	...

315. Image faulty.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−4.	No.	Mag.
1–60					
1				°	
†	−59′960	+15′000	− 1	...	...
*	59·784	−24·623	1·20	46.6517	9·5
...	59·703	+24·702	− 5	...	...
...	58·560	+29·880	− 1	...	...
...	58·508	+43·254	0·80	...	...
...	−57·971	−30·965	1·10	46.6518	9·4
...	57·921	− 3·840	− 4	...	...
...	57·855	+55·530	− 5	...	...
...	57·720	−51·347	− 5	...	...
...	57·644	+50·867	0·65	...	...
11					
...	−57·066	+45·892	1·10	45.6563	9·5
...	56·973	− 5·814	− 5	...	...
...	56·873	+38·249	0·85	...	...
...	56·692	+19·208	− 5	...	...
...	56·646	−31·285	0·65	46.6519	10·0
...	−56·443	−17·743	− 3	...	...
...	55·901	−46·758	− 4	...	...
...	55·478	+47·573	0·95	45.6564	9·9
...	55·372	+31·486	− 2	...	...
†	54·969	− 1·223	− 3	...	...
21					
...	−54·244	− 8·570	− 4	...	...
...	54·193	+41·883	1·10	45.6565	9·6
*	53·900	−18·708	1·10	46.6520	9·6
...	53·876	+ 5·587	− 4	...	...
...	53·763	+53·962	− 5	...	...
...	−53·425	−18·554	− 4	...	...
...	53·083	−29·077	− 4	...	...
...	53·015	− 0·400	− 5	...	...
...	51·183	− 8·645	− 3	...	...
...	51·057	+28·263	− 5	...	...
31					
...	−50·871	+17·779	0·95	45.6566	9·9
†	49·951	+32·575	− 5	...	...
...	49·831	+52·442	− 5	...	...
...	49·817	+ 8·157	0·75	45.6567	10·0
...	49·699	−47·660	0·80	46.6522	10·0
...	−49·367	+ 4·321	− 4	...	...
...	49·326	−16·316	0·70	46.6524	10·0
...	49·325	−37·049	0·85	46.6523	10·0
*	49·239	+ 2·279	1·10	45.6568	9·4
...	48·945	+39·544	− 3	...	...
41					
*	−48·784	+ 2·703	1·10	45.6569	9·5
...	48·357	−27·323	− 5	...	...
*	48·168	−52·903	1·30	46.6525	9·4
*	47·572	−56·761	1·40	46.6526	9·4
...	47·510	−31·860	− 2	...	...
†	−47·097	− 4·936	0·75	45.6570	10·0
...	46·942	+13·057	− 5	...	...
...	46·589	−45·721	− 4	...	...
...	46·420	+ 6·796	0·95	45.6571	9·8
...	46·414	+28·091	− 3	...	...
51					
...	−46·092	−16·507	− 3	...	...
*	45·944	−37·411	2·00	46.6528	8·7
...	45·940	+51·287	− 5	...	...
...	45·934	−55·970	− 2	46.6527	10·0
...	45·772	+ 1·060	− 3	...	...
S *	−45·622	−24·489	5·00	46.6529	6·5
...	45·287	− 4·465	0·85	45.6572	10·0
...	45·228	+ 3·143	0·75	45.6573	10·0
...	44·948	−59·086	− 5	...	...
...	44·862	+27·689	0·85	45.6574	10·0
61–120					
61				°	
...	−44′765	−19′178	− 5	...	...
...	44·708	−41·923	0·85	46.6530	9·9
...	44·490	−33·373	0·90	46.6531	9·8
...	44·421	− 1·616	− 4	...	...
...	44·237	−20·179	− 2	...	...
...	−44·137	+24·556	− 5	...	...
...	43·992	+36·225	− 5	...	...
S *	43·847	+18·512	1·70	45.6575	9·0
...	43·790	−41·392	1·05	46.6532	9·5
...	43·759	−21·933	− 5	...	...
71					
...	−43·720	−30·472	− 5	...	...
...	42·975	− 3·643	0·70	45.6576	10·0
...	42·454	+ 0·666	− 5	A	...
...	42·328	−39·572	− 2	...	...
...	42·242	− 9·799	− 1	...	...
...	−42·173	+18·844	0·65	...	...
...	42·094	+ 7·852	0·65	45.6577	10·0
...	42·062	+28·291	− 4	...	...
...	41·914	−51·079	0·90	46.6534	9·7
...	41·653	−27·279	− 5	...	...
81					
...	−41·603	+44·772	− 5	...	...
*	41·146	−47·748	2·00	46.6535	8·6
...	40·905	+ 2·412	− 4	...	...
...	39·970	+38·674	− 4	...	...
...	39·888	−46·113	− 2	...	...
...	−39·850	+55·641	− 4	...	...
...	39·406	+18·739	0·90	45.6578	10·0
...	39·001	−35·023	− 5	...	...
...	38·795	+58·967	− 3	...	...
...	38·322	+24·199	− 5	...	...
91					
S *	−38·219	+38·167	1·80	45.6579	9·0
...	37·715	−26·089	− 5	...	...
...	37·565	− 4·341	− 5	...	...
...	37·375	+44·743	0·70	45.6580	10·0
...	37·317	+41·868	− 1	...	...
...	−37·125	+48·167	− 5	...	...
...	36·612	−55·787	0·65	46.6537	10·0
...	36·246	+27·847	− 4	...	...
*	35·312	−14·639	1·40	46.6539	9·1
...	35·283	+15·620	0·65	45.6581	10·0
101					
‡	−35·159	−33·332	1·10	46.6538	9·4
‡	35·086	+30·605	1·30	45.6582	9·1
...	34·423	−22·939	− 4	...	...
...	33·511	+51·516	− 5	...	...
*	33·424	−50·669	1·10	46.6540	9·4
...	−33·010	−29·187	− 4	...	...
...	32·863	−25·117	− 4	...	...
*	32·613	− 4·660	1·25	45.6583	9·2
...	32·189	+12·796	− 2	45.6584	10·0
*	31·824	−14·183	1·00	46.6542	9·5
111					
†	−31·680	+54·821	− 4	...	...
...	31·033	−47·630	− 4	...	...
...	30·525	+31·589	0·90	45.6585	9·6
...	30·309	+10·447	− 3	...	...
†	30·160	−52·504	0·85	46.6543	9·9
*	−29·508	+37·450	1·00	45.6586	9·6
...	29·493	−53·882	0·85	46.6544	10·0
*	29·326	−23·030	1·40	46.6545	9·4
...	29·033	+29·419	0·80	45.6587	10·0
*	28·703	+51·596	1·40	45.6588	9·2
121–180					
121				°	
*	−28′645	+58′103	1·00	44.6562	9·8
...	28·343	+34·496	0·65	...	...
...	28·086	+41·676	− 5	M	...
...	27·463	+56·103	− 3	...	...
*	27·103	+32·548	0·90	45.6590	9·9
*	−27·053	+21·891	1·40	45.6589	9·2
...	25·745	+ 6·973	− 1	...	...
... [	25·654	+26·008	− 4	...	...
... [	25·618	+25·966	− 5	*a*	...
...	25·646	+48·930	− 1	...	...
131					
...	−25·330	−24·628	− 4	...	...
...	25·179	+48·101	0·75	45.6591	10·0
...	24·436	+17·815	− 3	...	...
...	24·379	+15·125	− 4	...	...
...	24·318	+45·943	− 4	...	...
...	−23·988	+ 7·084	− 5	...	...
...	23·484	−37·837	0·80	...	...
S *	23·426	−38·185	4·90	46.6546	6·8
...	23·353	+32·707	− 4	...	...
...	22·759	−46·325	− 4	...	...
141					
...	−22·610	−13·627	− 4	...	...
...	22·553	+ 8·857	− 5	...	...
*	22·513	− 2·830	1·80	45.6592	8·9
...	22·217	+28·553	− 4	...	...
...	22·106	+33·411	− 1	...	...
...	−21·920	−59·249	− 5	...	...
...	21·853	−43·697	− 3	...	...
*	21·784	+14·897	1·20	45.6593	9·4
...	20·455	−49·506	− 4	...	...
†	20·127	−11·245	0·75	46.6547	10·0
151					
...	−20·037	− 8·290	− 4	...	...
...	19·944	−36·157	− 1	...	...
...	19·346	+36·703	0·75	...	...
...	19·308	+45·636	− 4	...	...
*	18·713	+46·021	1·60	45.6594	9·2
...	−17·922	+18·476	− 2	...	...
...	16·582	+27·480	− 3	...	...
...	16·402	+15·161	− 3	...	...
...	16·181	−23·808	− 2	...	...
...	15·358	+32·018	− 3	...	...
161					
...	−15·028	+ 0·269	− 2	...	...
...	14·991	−33·603	0·80	46.6549	9·9
...	14·877	−34·414	0·75	...	...
...	14·747	+42·555	− 5	...	...
*	14·476	+43·815	1·60	45.6595	9·2
...	−14·172	−47·105	− 3	...	...
...	13·928	−57·369	− 4	...	...
...	13·919	−29·738	− 3	...	...
...	13·723	+14·605	1·00	45.6596	9·5
...	13·322	+43·047	− 3	...	...
171					
...	−13·306	−12·359	− 3	...	...
S *	13·033	+35·506	1·90	45.6597	8·9
...	12·960	+47·412	− 4	...	...
...	12·649	+43·899	− 3	...	...
...	11·860	−50·999	0·90	46.6550	9·8
...	−11·568	−28·065	0·85	46.6551	10·0
...	11·211	+28·074	− 4	...	...
...	11·096	−18·031	− 3	...	...
*	10·933	+15·339	1·20	45.6598	9·5
*	10·713	−40·310	0·95	46.6553	9·5

ES measured from 1, 220.
MC ,, ,, 116, 352.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
181–240					
181	′	′		°	
...	−10·701	−53·933	− 4	...	...
*	10·427	−36·016	3·00	46.6554	7·6
...	9·918	−46·082	0·80	46.6555	9·9
...	9·724	−52·050	0·90	46.6556	9·6
*	9·505	−10·626	1·70	46.6557	8·9
...	− 8·866	− 5·703	0·80	45.6599	10·0
...	8·543	+36·474	0·85	45.6600	10·0
...	8·535	+16·398	− 3	...	...
...	8·422	+10·073	0·75	45.6601	9·9
...	8·368	−37·434	− 2	...	...
191					
*	− 8·231	−57·927	1·30	46.6558	9·4
...	7·493	+ 5·763	− 4	...	...
...	7·303	+16·165	0·80	45.6602	10·0
N*	7·209	−47·751	9·00	46.6560	3·6
...	6·961	−16·568	0·85	46.6562	9·9
*	− 6·934	−56·672	1·60	46.6561	8·8
...	6·477	+28·043	− 1	...	...
...	6·277	−50·272	− 4	...	...
...	5·907	+51·611	− 2	...	...
...	5·369	− 2·813	− 5	...	...
201					
...	− 5·336	+59·286	− 4	...	...
...	4·937	−16·191	0·75	46.6563	10·0
...	4·802	−20·706	− 4	...	...
...	4·749	− 9·184	− 3	...	...
...	4·522	−50·635	− 4	...	...
...	− 3·896	+33·993	− 3	...	...
...	3·637	+ 3·452	0·70	45.6603	10·0
...	3·533	−13·345	− 5	...	...
...	2·707	+34·116	− 3	...	...
...	2·543	−30·196	− 3	...	...
211					
*	− 2·466	+14·097	0·95	45.6604	9·6
...	2·457	+ 2·166	− 3	...	...
...	2·344	+27·656	− 3	...	...
...	1·800	+33·616	− 4	...	...
...	1·349	−42·744	0·80	46.6564	9·9
...	− 0·815	+51·040	0·75	45.6605	10·0
...	0·778	+ 4·519	− 3	...	...
...	0·548	+40·478	0·80	45.6606	9·8
...	− 0·267	−28·052	− 4	...	...
*	+ 0·059	+ 8·492	0·95	45.6607	9·5
221					
...	+ 0·166	+24·663	0·80	45.6608	9·9
...	0·271	−58·335	− 2	...	...
*	0·298	−39·159	1·15	46.6565	9·4
...	0·337	−47·271	− 5	...	...
...	0·441	+41·001	− 4	...	...
...	+ 0·464	− 8·319	− 5	...	...
...	0·653	+37·213	− 5	...	...
...	0·671	+37·091	− 5	...	...
*	1·270	− 6·003	4·20	45.6609	7·4
*	1·287	−19·040	1·25	46.6566	9·4
231					
...	+ 1·307	+39·769	− 5	...	...
...	1·398	+33·080	− 5	...	...
*	1·485	−37·855	1·15	46.6567	9·4
...	2·363	−46·786	− 2	...	...
...	2·753	+27·460	− 4	...	...
*	+ 2·753	− 7·640	1·10	46.6568	9·5
...	2·772	+29·570	− 4	...	...
...	2·872	+50·709	0·75	45.6610	10·0
...	3·052	+12·273	0·65	45.6611	10·0
...	3·291	− 3·279	− 4	...	...
241–300					
241	′	′		°	
...	+ 3·305	+55·185	0·75	44.6577	10·0
...	3·928	+10·936	− 1	45.6612	10·0
...	3·937	−30·488	− 1	46.6569	10·0
...	4·941	+19·014	− 4	...	...
...	5·141	+30·488	0·80	45.6613	10·0
...	+ 5·575	−49·547	− 5	...	...
...	5·588	+10·753	− 5	...	...
...	5·946	+35·279	− 3	...	...
*	6·008	+ 6·233	4·00	45.6614	7·6
...	6·136	− 4·769	− 1	45.6615	10·0
251					
...	+ 6·191	−25·871	− 3	...	...
...	6·627	−48·363	0·85	46.6570	9·9
†	6·861	−39·940	0·90	46.6571	9·8
...	6·990	+50·136	− 3	...	...
...	7·034	−27·851	− 5	...	...
*	+ 7·169	−55·996	1·60	46.6572	8·8
...	7·506	+50·355	0·85	45.6616	9·9
...	7·975	−18·847	− 5	...	...
...	7·976	+ 5·051	0·65	45.6617	9·9
...	8·266	−22·101	− 4	...	...
261					
*	+ 8·315	−51·073	1·90	46.6573	8·7
*	8·368	+13·768	1·60	45.6618	9·2
*	8·681	+ 7·303	1·60	45.6619	9·2
...	8·806	−35·623	− 5	...	...
...	8·921	− 7·996	− 5	...	...
...	+ 9·058	− 3·724	− 3	...	...
*	9·433	−25·323	1·15	46.6574	9·4
...	10·040	+ 3·154	− 4	...	...
†	10·145	−39·859	− 4	...	...
...	10·437	−18·693	− 3	...	...
271					
...	+10·621	+44·059	0·80	45.6620	10·0
...	10·653	−32·845	− 3	...	...
...	10·786	−54·990	− 4	...	...
...	10·915	+41·324	0·80	45.6621	9·9
...	11·368	+41·742	0·80	45.6623	9·9
...	+11·453	+48·857	0·80	45.6622	10·0
...	11·879	+35·064	− 3	...	...
...	11·890	+14·120	− 3	...	...
...	11·901	+42·951	− 5	...	...
...	11·927	+17·871	− 5	...	...
281					
...	+12·077	−10·447	− 5	...	...
...	12·272	+59·136	0·65	44.6583	10·0
...	12·414	+53·247	− 4	...	...
*	12·493	−52·143	1·60	46.6575	9·2
...	13·002	+46·105	− 5	...	...
...	+13·865	−50·015	− 2	...	...
...	13·980	−26·326	− 5	...	...
...	14·458	+52·387	− 5	...	...
...	14·527	+37·084	0·80	45.6624	9·9
S ‡	14·776	−31·245	2·90	46.6576	7·8
291					
...	+14·973	− 4·655	− 5	...	...
...	15·308	+18·032	− 2	...	...
*	15·550	+ 3·229	1·05	45.6625	9·7
...	15·763	−22·264	− 5	...	...
...	15·792	−44·610	0·70	46.6578	10·0
*	+15·996	−35·058	0·85	46.6577	9·6
...	16·262	−25·345	− 5	...	...
...	16·625	−51·379	− 5	...	...
...	16·630	+46·809	− 3	...	...
...	16·975	−43·571	− 3	...	...
301–360					
301	′	′		°	
...	+17·493	−16·078	− 2	...	...
...	17·583	−51·131	− 4	...	...
...	17·703	−29·415	− 3	46.6579	10·0
...	17·750	+40·565	− 3	...	...
...	18·032	+25·321	− 3	...	...
...	+19·024	+32·477	0·65	45.6626	10·0
...	19·185	+29·463	− 4	...	...
...	19·548	−43·119	0·80	46.6580	10·0
†	19·800	+31·245	0·85	45.6627	9·9
*	20·097	− 6·409	1·40	45.6628	9·2
311					
...	+20·206	+26·996	− 3	...	...
...	20·417	+46·889	− 5	...	...
...	20·584	−41·567	0·70	46.6581	10·0
...	20·766	+21·497	− 4	...	...
...	20·803	+27·689	− 5	...	...
...	+20·830	+56·992	0·85	44.6591	10·0
*	20·999	+ 4·162	1·15	45.6629	9·4
...	21·130	−41·043	0·70	...	...
...	21·147	+ 8·815	0·80	45.6630	10·0
...	22·043	+30·890	− 5	...	...
321					
...	+22·066	+21·409	0·75	45.6631	10·0
...	22·067	−39·119	− 4	...	...
...	22·096	+53·457	0·90	44.6593	10·0
...	22·130	−16·555	− 4	...	...
*	22·385	+42·506	0·95	45.6632	9·7
S *	+22·529	− 9·759	2·20	46.6582	8·4
*	22·763	−57·527	1·10	46.6583	9·5
...	22·903	+ 2·949	− 5	...	...
...	23·188	−20·714	0·85	46.6584	9·7
S *	23·401	+10·735	1·35	45.6633	9·2
331					
...	+23·469	−28·180	− 5	...	...
...	23·692	+ 1·865	0·70	...	...
‡	24·115	−54·821	1·25	46.6585	9·4
†	24·744	+25·684	− 3	...	...
...	25·244	+15·992	− 4	...	...
...	+25·251	+20·327	0·70	45.6634	9·9
...	25·260	−12·954	− 5	...	...
...	25·541	+53·538	− 5	...	...
...	25·941	+45·627	− 5	...	...
...	26·099	−42·901	− 2	...	...
341					
...	+26·489	+41·447	− 5	...	...
...	26·772	+29·684	0·80	45.6635	10·0
...	27·827	+41·728	− 3	...	...
...	28·118	+28·235	0·70	45.6637	10·0
*	28·176	+35·772	0·85	45.6636	9·9
...	+28·437	−30·540	− 5	...	...
...	28·496	+ 6·843	− 5	...	...
...	28·763	−28·365	− 5	...	...
*	29·137	+26·450	1·90	45.6638	8·9
...	29·410	−19·561	− 2	...	...
351					
...	+29·584	−22·886	0·75	46.6587	9·7
...	30·591	+20·259	− 4	...	...
...	31·220	−15·944	− 4	...	...
...	31·321	− 2·885	0·90	45.6639	9·8
...	31·348	+ 9·005	− 5	...	...
...	+31·402	−12·087	− 4	...	...
...	31·930	−34·210	0·75	46.6588	10·0
...	32·001	−18·064	− 4	...	...
...	32·126	−25·940	− 2	...	...
...	32·698	−25·349	− 5	...	...

194. 1st image overlaps 2nd image.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
361–400					
361				°	
...	+32′952	+21′917	0·80	...	...
...	33·259	−41·940	− 4	...	...
...	33·390	−11·204	− 5	...	...
...	33·689	+20·274	− 4	...	...
...	34·100	+ 8·903	− 5	...	...
...	+34·125	+31·002	0·70	45.6640	10·0
...	34·274	+47·506	− 5	...	...
...	34·477	− 1·594	− 5	...	...
...	34·921	+50·820	− 4	...	...
...	35·721	−28·159	− 3	...	...
371					
...	+36·155	+ 7·892	0·70	45.6641	9·9
*	36·611	+28·892	0·95	45.6642	9·9
*	36·689	−49·805	1·00	46.6589	9·7
...	36·778	+40·224	− 4	...	...
...	37·051	−26·673	− 3	...	...
...	+37·172	+55·599	− 2	...	...
*	37·908	+31·121	0·95	45.6643	9·7
...	37·950	−29·642	− 5	...	...
...	37·957	−44·664	− 5	...	...
...	38·000	−44·541	− 4	...	...
381					
...	+38·050	+41·834	− 4	...	...
S*	38·092	−44·626	1·70	46.6590	8·8
...	38·233	−44·686	− 3	...	...
...	38·287	+21·215	− 1	...	...
...	39·663	+ 6·445	− 4	...	...
†	+39·723	+42·183	− 3	...	...
...	39·935	−49·499	− 4	...	...
†	40·443	+34·953	0·80	45.6644	10·0
...	40·460	+56·373	− 5	...	...
...	40·735	−17·214	1·00	46.6591	9·6
391					
...	+41·212	− 4·031	0·70	45.6645	10·0
...	41·336	−13·809	− 4	...	...
...	41·865	−46·824	− 2	46.6592	10·0
...	42·026	+47·819	− 4	...	...
*	42·219	− 9·883	1·20	46.6593	9·0
...	+42·260	−14·009	− 4	...	...
...	42·331	− 1·213	− 3	...	...
*	42·556	+25·663	1·20	45.6646	9·6
S*	42·679	+21·225	3·40	45.6647	7·7
...	42·856	+35·004	− 5	...	...
401–440					
401				°	
*	+42′893	− 6′716	1·30	45.6648	9·2
...	43·055	−51·414	− 4	...	...
...	43·435	−40·862	− 4	...	...
...	43·979	−39·149	− 5	...	...
...	43·999	−36·096	− 5	...	...
...	+44·177	+ 7·097	− 4	...	...
*	44·246	−39·425	1·60	46.6594	9·1
...	44·246	−18·547	− 4	...	...
*	44·284	+32·400	1·20	45.6649	9·6
...	44·430	−26·876	− 5	...	...
411					
...	+44·520	−13·612	− 4	...	...
...	44·560	+47·906	1·00	45.6650	10·0
...	44·641	− 5·498	− 2	...	...
†	44·760	−16·014	− 3	...	...
...	45·000	+59·519	− 1	44.6606	10·0
...	+45·158	+13·663	− 4	...	...
...	45·165	−38·779	− 3	...	...
...	45·223	+44·501	1·10	45.6651	9·6
...	45·516	+29·517	− 1	...	...
...	45·977	−59·428	− 4	...	...
421					
*	+46·231	+42·280	2·00	45.6652	8·9
*	46·369	−28·391	1·00	46.6595	9·5
...	46·756	−25·395	− 5	...	...
...	47·855	+20·092	− 2	...	...
*	47·886	+ 2·165	1·00	45.6653	9·9
...	+48·018	+ 8·841	− 3	...	...
...	48·262	−25·693	− 1	...	...
*	49·023	−21·466	0·95	46.6596	9·5
...	49·083	−26·933	− 3	...	...
...	49·614	−11·587	− 4	...	...
431					
...	+50·004	−51·034	− 4	...	...
...	51·113	−10·531	− 3	...	...
...	51·682	− 8·974	− 1	...	...
...	51·920	−18·204	− 1	...	...
...	52·262	+11·860	0·65	...	...
*	+52·355	−34·744	1·10	46.6598	9·4
...	52·449	+32·246	0·80	45.6654	10·0
...	52·491	+ 2·093	− 1	...	...
‡	53·289	+44·830	1·60	45.6655	9·4
...	53·439	− 1·679	− 4	...	...
441–465					
441				°	
*	+53′480	+49′949	1·60	45.6656	9·5
...	53·666	−13·928	0·80	...	...
...	53·737	−17·930	− 3	...	...
...	53·850	−27·056	− 5	...	...
...	54·354	−28·727	0·75	46.6599	10·0
*	+55·903	+26·492	1·00	45.6657	9·9
*	56·065	+ 8·136	1·50	45.6658	9·1
...	56·066	−39·503	− 5	...	...
...	56·210	−22·231	− 5	*e*	...
...	56·417	−57·877	− 2	46.6600	10·0
451					
...	+56·910	− 3·471	− 2	...	...
...	56·967	+ 6·231	− 2	...	...
...	57·196	−32·472	− 3	...	...
...	57·231	+26·051	− 4	...	...
...	57·536	−46·783	− 4	...	...
...	+57·547	+54·271	− 1	44.6612	10·0
...	58·030	− 0·546	− 5	*e*	...
S*	58·053	+52·365	5·30	44.6613	5·6
...	58·143	−46·869	− 3	...	...
*	58·584	−10·579	1·40	46.6601	9·2
461					
*	+58·821	−52·830	2·00	46.6602	8·9
...	58·995	+38·400	− 3	...	...
...	59·081	−36·712	− 4	...	...
...	59·348	−19·220	− 2	...	...
*	59·377	+13·668	1·20	45.6659	9·4

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
1–10					
1				°	
...	−59′652	+29′292	− 1	...	...
...	59·545	−51·674	− 5	...	...
...	59·517	−41·114	− 5	...	...
...	59·506	+13·433	− 5	...	...
...	59·412	− 5·732	− 3	...	...
...	−59·392	−18·783	− 5	...	...
*	59·326	+42·062	2·10	45.6652	8·9
...	59·282	−13·838	− 4	...	...
...	58·980	−16·251	− 3	...	...
*	58·726	−39·654	1·90	46.6594	9·1
11–20					
11				°	
...	−57′830	−38′989	− 5	...	...
†	57·017	+19·952	− 2	...	...
...	56·967	−28·567	1·05	46.6595	9·5
...	56·667	−25·563	− 5	...	...
...	56·497	+ 8·709	− 4	...	...
*	−56·415	+ 2·029	1·10	45.6653	9·9
...	56·392	−59·593	− 5	...	...
...	55·630	− 5·559	− 5	...	...
...	55·161	−25·816	0·65	...	...
...	54·536	−21·563	0·95	46.6596	9·5
21–30					
21				°	
...	−54′312	−27′020	− 3	...	...
...	54·249	−11·664	− 5	...	...
...	52·794	−10·566	− 3	...	...
...	52·791	+32·238	0·70	45.6654	10·0
...	52·611	−51·081	− 4	...	...
‡	−52·340	+44·839	1·25	45.6655	9·4
...	52·338	+11·854	0·65	...	...
*	52·329	+49·972	1·35	45.6656	9·5
...	52·274	− 8·995	− 2	...	...
...	51·816	+ 2·095	− 1	...	...

ES measured from 1, 536.
MC „ „ 459.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
31–90					
31	′	′		°	
...	−51·738	−18·209	− 1	...	...
...	51·111	+ 2·452	− 5	...	...
*	50·788	−34·722	1·30	46.6598	9·4
...	50·747	+19·104	− 5	...	...
...	50·746	− 1·643	− 4	...	...
...	−50·138	−13·881	0·65	...	...
...	49·935	−17·871	− 4	...	...
...	49·610	−38·196	− 5	...	...
...	49·530	−26·985	− 4	...	...
*	49·166	+26·595	1·00	45.6657	9·9
41					
...	−48·987	−28·641	0·85	46.6599	10·0
*	48·413	+ 8·254	1·50	45.6658	9·1
...	48·392	+54·408	0·85	44.6612	10·0
...	47·841	+26·198	− 4	...	...
SN*	47·798	+52·513	4·80	44.6613	5·6
...	−47·473	+ 6·367	− 2	...	...
...	47·328	−22·097	− 4	E	...
...	47·225	− 3·331	− 2	...	...
...	46·978	+58·163	− 5	...	...
...	46·938	−39·360	− 5	...	...
51					
...	−46·463	+38·593	− 3	...	...
...	46·281	− 4·839	− 5	...	...
...	46·204	− 0·381	− 5	E	...
...	46·017	−32·299	− 1	...	...
...	46·010	−57·720	0·75	46.6600	10·0
...	−45·629	+37·065	− 2	...	...
*	45·317	−10·379	1·35	46.6601	9·2
*	45·288	+13·890	1·05	45.6659	9·4
...	45·230	−46·594	− 2	...	...
...	44·603	−46·669	− 1	...	...
61					
...	−44·277	−18·992	− 3	...	...
...	43·981	−36·486	− 4	...	...
...	43·925	+42·061	0·65	45.6660	10·0
*	43·746	−52·587	2·00	46.6602	8·9
*	43·465	+26·635	1·20	45.6661	9·4
...	−42·866	+ 8·251	− 5	...	...
...	42·676	−46·966	− 5	...	...
...	42·514	+16·766	− 5	...	...
...	42·457	+12·031	− 4	...	...
...	42·411	+ 5·526	− 4	...	...
71					
...	−42·081	+ 5·485	− 4	...	...
*	41·881	+22·323	1·15	45.6662	9·4
...	41·868	−22·984	0·80	46.6603	10·0
...	41·805	− 9·671	− 5	...	...
...	41·692	−36·216	− 5	...	...
...	−41·616	+ 0·996	− 3	...	...
...	41·303	+38·940	− 5	...	...
...	41·202	−11·468	− 2	...	...
...	41·092	+ 4·908	− 5	...	...
...	40·741	+26·891	− 4	...	...
81					
...	−40·557	+35·989	− 5	...	...
...	40·477	− 5·757	0·75	45.6663	10·0
...	40·358	−33·530	0·65	46.6604	10·0
...	40·267	+ 9·833	− 4	...	...
...	40·217	+ 0·432	− 4	α	...
...	−40·126	+48·820	− 3	...	...
‡	39·988	+28·460	0·90	45.6664	9·8
...	39·086	− 8·089	0·70	46.6606	10·0
...	39·054	+56·858	− 1	...	...
*	39·044	+17·653	1·70	45.6665	8·9
91–150					
91	′	′		°	
†	−38·939	−39·911	0·70	46.6605	10·0
...	38·914	+20·988	− 4	...	...
...	38·783	−31·257	− 4	...	...
...	38·764	−24·168	− 5	...	...
...	38·537	−36·925	0·80	46.6607	10·0
...	−38·486	−48·972	− 3	...	...
...	38·441	− 8·407	− 2	...	...
...	38·233	−16·431	0·65	...	...
...	38·194	−35·519	− 5	...	...
...	37·981	+28·971	0·75	45.6666	10·0
101					
...	−37·925	−11·973	− 5	...	...
...	37·511	−32·799	0·70	46.6608	10·0
...	37·499	−10·481	− 5	...	...
...	37·415	+27·260	− 5	...	...
...	37·194	+16·502	− 3	...	...
...	−36·971	−28·348	− 4	...	...
...	36·607	+45·942	− 5	...	...
...	36·533	− 8·791	− 5	...	...
*	36·253	−38·429	1·10	46.6609	9·5
...	36·175	+28·246	− 4	...	...
111					
...	−36·157	+27·362	− 5	...	...
...	35·732	+41·621	− 5	...	...
...	35·360	+59·325	− 3	...	...
...	34·687	−26·417	− 4	...	...
...	34·467	− 5·885	− 5	...	...
...	−34·312	+32·790	− 2	...	...
...	34·296	−44·018	− 2	...	...
...	34·016	+10·398	− 2	...	...
...	33·868	+39·385	0·90	45.6667	10·0
...	33·860	−58·950	− 5	...	...
121					
...	−33·423	−26·654	− 1	46.6610	10·0
*	33·310	−20·077	2·50	46.6611	8·0
...	32·941	−26·746	− 4	...	...
...	32·916	− 0·305	− 3	α	...
...	32·829	+53·488	− 4	...	...
...	−32·677	+49·911	− 3	...	...
...	32·505	+10·907	− 4	...	...
...	32·184	−32·551	− 1	...	...
...	31·845	+ 1·681	− 5	...	...
...	30·806	+30·647	− 5	...	...
131					
...	−30·757	−30·219	− 5	...	...
*	30·539	+ 0·837	1·05	45.6668	9·6
...	30·531	−14·193	− 2	46.6613	10·0
...	30·445	−16·880	0·70	46.6614	9·9
...	30·207	−51·905	− 5	...	...
†	−30·080	+29·548	− 3	...	...
...	29·628	+14·683	− 5	...	...
*	29·275	−40·352	1·00	46.6616	9·6
...	29·258	+27·413	− 4	...	...
...	29·155	+13·271	− 5	...	...
141					
...	−29·042	+52·661	− 3	...	...
...	28·966	+42·282	− 4	...	...
...	28·406	+ 7·845	− 5	...	...
...	28·380	−14·892	− 5	...	...
*	28·153	−11·781	0·90	46.6617	9·7
...	−27·717	−49·361	0·80	46.6618	10·0
...	27·542	−19·633	− 3	...	...
...	27·252	+11·364	− 1	...	...
N* [	27·189	+10·698	1·30	45.6669	8·9
N* [	27·165	+10·671	1·30		
151–210					
151	′	′		°	
...	−26·729	−26·171	− 2	...	...
*	26·409	−46·516	1·10	46.6619	9·6
...	26·059	−22·376	− 5	...	...
...	26·043	+45·401	− 5	...	...
...	25·986	− 3·978	− 3	...	...
...	−25·979	−25·351	− 2	...	...
...	25·958	−23·472	0·70	46.6621	10·0
...	25·824	−45·950	0·75	46.6620	10·0
...	25·611	+ 0·754	− 3	...	...
S*	25·461	−54·674	2·10	46.6622	8·5
161					
...	−25·394	−23·237	0·70	46.6623	10·0
...	25·261	+13·673	− 4	...	...
...	25·016	−41·570	− 5	...	...
...	24·361	−38·719	− 5	...	...
...	24·351	+16·805	− 4	...	...
...	−23·828	−57·666	0·70	...	...
...	23·573	−19·141	− 4	...	...
...	23·555	+37·980	0·70	45.6670	10·0
†	23·554	+59·822	− 5	...	...
*	23·538	−12·679	1·15	46.6624	9·2
171					
...	−23·533	−56·064	− 4	...	...
...	23·427	+50·001	− 5	...	...
*	23·357	− 7·777	1·15	46.6625	9·4
*	22·698	−47·220	1·35	46.6626	9·2
...	22·502	−11·008	0·65	46.6627	10·0
†	−22·286	−24·988	− 3	...	...
...	22·264	−23·845	0·70	46.6628	10·0
‡	22·233	+14·988	0·85	45.6671	9·5
...	21·884	−24·367	− 3	46.6629	10·0
*	21·823	+22·816	1·20	45.6673	9·5
181					
...	−21·776	−20·892	− 5	...	...
S*	21·708	+ 3·506	1·60	45.6672	9·1
...	21·617	−13·299	0·65	46.6630	10·0
...	21·351	+36·028	− 4	...	...
...	21·132	+15·747	− 5	...	...
...	−21·087	−42·517	− 2	...	...
...	20·976	+54·554	0·75	44.6630	10·0
...	20·901	− 3·376	0·75	45.6674	10·0
...	20·851	−40·596	− 3	...	...
*	20·669	−32·317	0·95	46.6631	9·4
191					
...	−20·248	+56·515	0·70	...	...
...	20·165	−47·701	− 5	...	...
†	20·118	−23·062	− 5	...	...
...	19·940	−37·837	0·65	...	...
...	19·859	+45·372	− 4	...	...
...	−19·845	+19·145	− 1	...	...
...	19·826	+55·051	− 5	...	...
...	19·753	+39·651	0·70	45.6675	10·0
...	19·741	+ 3·979	− 5	...	...
*	19·502	+ 7·442	1·70	45.6676	8·9
201					
...	−18·994	−39·545	0·65	...	...
...	18·436	−20·829	− 4	...	...
...	18·283	−16·632	− 5	...	...
...	18·019	−47·876	− 3	...	...
...	17·877	+32·332	0·70	45.6677	10·0
...	−17·851	+28·681	− 5	...	...
...	17·660	+51·883	− 4	...	...
...	17·624	−33·393	− 1	...	...
...	17·499	−45·017	− 5	...	...
...	16·797	− 3·524	− 3	...	...

45. Remeasure 1914, $y = +52'{\cdot}533$.
149, 150. 45°·84. mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
211–270					
211					
...	−16′711	− 9′902	− 5	° ...	...
...	15·935	+41·535	0·80	45.6678	10·0
...	15·783	−39·600	− 4	...	...
...	15·742	−47·505	− 5	...	...
...	15·722	+23·291	− 5	...	...
†	−15·092	−46·475	− 3	...	...
...	14·796	+ 3·545	0·70	45.6679	10·0
...	14·793	−49·933	− 5	...	...
...	14·593	− 8·550	− 5	...	...
...	14·507	+23·161	− 5	...	...
221					
...	−13·943	+39·843	− 4	...	...
...	12·187	+19·702	− 5	...	...
...	12·154	+ 4·107	−5	...	...
...	12·142	−29·432	− 4	...	...
..	11·987	+40·912	− 4	...	...
...	−11·599	+15·254	− 5	...	...
...	11·517	+36·932	− 5	...	...
...	11·471	−59·526	− 1	...	...
...	10·973	−46·825	− 4	...	...
...	10·826	−23·817	0·75	46.6633	10·0
231					
...	−10·503	−43·245	− 5	...	...
...	10·463	+ 7·169	0·75	45.6680	10·0
...	10·320	+30·173	− 5	...	...
...	10·314	+41·326	0·65	...	...
...	10·313	+25·141	− 5	...	...
...	− 9·747	+53·635	− 4	...	...
...	9·700	−53·140	− 5	...	...
...	9·585	+ 2·373	0·65	...	...
...	9·206	+37·115	− 5	...	...
*	9·022	+24·713	1·20	45.6681	9·5
241					
...	− 7·817	+25·822	− 5	...	...
...	7·770	+48·425	− 5	...	...
...	7·718	−37·892	− 5	...	...
...	6·995	+38·304	− 5	*m*	...
...	6·847	+24·183	− 4	...	...
†	− 6·808	−49·891	0·75	46.6634	10·0
...	6·759	−12·033	− 2	...	...
...	6·653	−54·088	− 4	...	...
...	5·570	−50·761	− 5	...	...
...	5·026	−33·581	− 5	...	...
251					
...	− 4·719	+37·003	− 5	...	...
...	4·475	+ 1·014	− 5	*m*	...
*	4·213	− 1·073	1·60	45.6682	9·2
...	3·672	−46·825	− 2	...	...
...	2·842	+51·131	− 5	...	...
...	− 2·503	+17·936	0·65	45.6683	10·0
...	2·486	−30·144	− 4	...	...
S*	2·441	+51·041	1·60	45.6684	9·0
...	2·414	−32·870	− 5	...	...
*	2·410	−26·973	0·90	46.6635	9·6
261					
...	− 2·336	+15·218	− 5	*m*	...
...	2·318	+24·735	− 5	*m*	...
...	1·672	−51·915	− 5	...	...
...	0·875	+44·699	− 2	...	...
...	− 0·414	−51·043	− 5	...	...
...	+ 0·308	−28·661	− 5	...	...
...	0·324	− 8·522	− 5	...	...
...	0·729	−22·373	0·85	46.6636	9·8
...	1·387	+56·657	− 3	...	...
...	1·453	−57·258	− 2	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
271–330					
271					
...	+ 1′501	+48′165	− 3	° ...	...
...	2·354	−37·880	− 3	...	...
...	2·367	−55·651	− 2	...	...
...	2·421	− 2·404	− 2	...	...
...	2·460	+44·669	− 3	...	...
...	+ 2·811	+ 4·753	− 4	*m*	...
...	2·826	−13·208	− 5	...	...
...	2·873	−40·709	− 2	...	...
...	2·919	+55·484	− 3	...	...
...	3·149	−56·597	− 4	...	...
281					
...	+ 3·557	− 1·597	0·65	...	...
S*	3·743	− 6·574	2·10	45.6685	8·5
*	3·787	+34·522	1·40	45.6686	9·4
...	4·063	−48·982	− 4	...	...
...	4·190	−27·208	− 5	...	...
...	+ 4·361	+51·210	0·75	45.6687	10·0
†	4·496	−39·850	− 3	46.6637	10·0
...	4·510	+47·531	− 4	...	...
†	4·807	− 4·066	− 2	...	...
...	5·019	−35·948	− 5	...	...
291					
...	+ 5·073	− 6·012	− 5	M	...
...	5·261	−58·766	− 1	...	...
...	6·028	+ 3·326	− 2	...	...
...	6·178	−50·394	− 4	...	...
...	6·604	−55·756	− 5	...	...
...	+ 6·811	+26·182	− 3	...	...
...	6·860	−52·486	− 5	...	...
...	6·988	+50·927	− 5	...	...
...	7·073	+26·121	− 2	...	...
*	7·629	−20·322	1·20	46.6640	9·2
301					
...	+ 7·683	−12·515	− 2	...	...
...	8·187	−49·567	0·75	46.6642	10·0
*	8·437	−26·497	1·40	46.6643	9·2
...	9·231	−19·084	− 4	...	...
...	9·280	−21·176	− 5	...	...
...	+ 9·348	+19·691	− 5	...	...
...	9·436	−36·116	− 3	...	...
...	9·466	− 4·079	− 5	...	...
*	9·549	+ 4·343	1·50	45.6688	9·2
...	9·607	+22·512	− 3	...	...
311					
...	+ 9·688	+39·490	− 5	...	...
†	9·870	− 5·348	− 5	...	...
...	10·043	−53·601	0·80	...	...
...	10·112	−51·633	− 5	...	...
*	10·138	+17·057	1·10	45.6689	9·4
...	+10·398	+18·397	− 4	...	...
...	10·746	−22·699	0·80	46.6645	9·9
...	10·872	−40·127	− 5	...	...
...	10·881	− 4·130	− 4	...	...
...	11·052	+22·060	0·70	...	...
321					
...	+11·285	−22·751	− 5	...	...
...	11·768	− 7·757	− 5	...	...
...	12·311	−58·938	0·80	...	...
...	12·525	+18·042	− 4	...	...
*	12·792	+52·563	1·80	45.6690	9·1
...	+12·851	−30·581	− 3	...	...
...	13·251	+52·115	− 5	*a*	...
...	14·106	−21·180	− 4	...	...
...	14·482	+38·626	0·85	45.6691	10·0
...	14·607	+10·728	− 5	*b*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
331–390					
331					
...	+14′967	+15′136	− 5	° *b*	...
...	15·206	−27·253	− 2	...	...
...	15·304	−22·732	− 4	...	...
...	15·602	− 8·628	− 4	...	...
...	15·688	+56·892	− 5	...	...
*	+15·806	−33·312	1·00	46.6646	9·5
...	16·133	+36·982	0·85	45.6692	9·9
...	16·260	−36·398	− 4	...	...
*	16·328	− 9·057	1·15	46.6647	9·4
...	16·469	+58·290	0·70	44.6646	10·0
341					
...	+17·030	−25·189	0·80	46.6648	9·9
*	17·173	+31·994	1·60	45.6693	9·2
...	17·298	+59·445	− 5	...	...
...	17·618	+27·684	− 4	...	...
...	17·855	−20·163	− 5	...	...
*	+17·957	−49·290	1·05	46.6649	9·5
...	18·235	+30·487	− 3	...	...
*	18·490	+43·903	1·30	45.6694	9·4
...	18·523	+ 8·302	− 5	*m*	...
†	19·344	+49·891	− 5	...	...
351					
...	+19·530	− 3·202	0·90	45.6695	10·0
...	20·015	− 6·485	− 4	...	...
...	20·288	−31·334	− 5	...	...
...	20·392	+15·583	− 5	...	...
...	20·575	− 8·638	− 4	...	...
...	+20·650	−59·421	− 5	...	...
...	20·736	+25·435	− 4	...	...
...	21·189	+50·815	− 4	...	...
...	21·275	−36·865	− 4	...	...
...	21·859	+ 4·507	− 1	...	...
361					
...	+22·023	+45·469	− 3	...	...
...	22·284	−45·407	− 4	...	...
...	22·525	− 2·551	− 5	...	...
...	22·910	− 4·712	− 3	...	...
...	23·051	+17·524	0·65	...	...
*	+23·057	+21·547	1·20	45.6696	9·4
...	23·386	+35·511	− 5	...	...
...	24·173	−21·054	− 5	...	...
†	24·363	−44·876	0·70	...	...
...	24·656	+31·301	− 2	...	...
371					
...	+24·935	−49·702	− 2	...	...
...	25·254	−53·759	0·65	...	...
...	25·372	+34·629	− 5	*b*	...
...	25·581	+58·187	− 4	...	...
...	25·792	+42·307	− 5	...	...
...	+26·259	− 4·439	− 4	...	...
...	26·559	+16·307	− 4	...	...
†	26·564	+39·904	− 5	...	...
†	26·741	+54·872	− 5	...	...
...	26·770	−13·931	− 5	...	...
381					
...	+26·854	− 7·181	− 5	...	...
...	26·912	−36·296	− 5	...	...
...	26·981	+13·224	− 5	*m*	...
...	27·268	+59·560	0·90	44.6657	9·9
*	27·398	− 8·291	1·00	46.6650	9·4
...	+27·561	+ 4·170	− 5	*m*	...
...	27·581	− 1·625	− 3	...	...
...	27·940	+48·345	− 4	...	...
...	27·974	−19·004	− 5	...	...
...	28·113	−10·051	− 1	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
391–450					
391				°	
...	+28·161	+16·141	− 5	...	...
...	28·312	+25·462	− 2	...	...
...	28·379	+29·242	− 5	*b*	...
*	28·422	+53·780	1·15	44.6658	9·6
...	28·513	− 1·041	− 3	...	...
...	+28·609	−21·379	− 5	...	...
...	28·946	+52·267	0·75	...	...
...	28·947	+34·685	− 5	*b*	...
*	28·958	+20·023	0·85	45.6697	9·8
...	28·960	−42·537	− 3	...	...
401					
...	+28·961	+47·631	− 3	...	...
*	29·018	+53·877	2·20	44.6659	8·7
...	29·077	−36·187	0·70	46.6651	10·0
...	29·081	−38·239	− 5	...	...
†	29·762	+ 3·947	0·75	45.6698	9·7
...	+29·922	−45·137	− 5	...	...
...	30·033	−31·331	− 3	...	...
...	30·381	+43·221	− 3	...	...
...	30·386	−14·006	− 3	...	...
*	30·520	+ 4·264	1·10	45.6699	9·4
411					
α *	+30·579	− 0·199	0·85	45.6700	9·8
S *	31·023	−52·585	1·90	46.6652	8·7
...	31·433	+10·462	− 5	*m*	...
...	31·521	+ 3·024	− 1	45.6701	10·0
...	31·716	− 0·545	− 5	...	...
‡	+31·798	+54·849	1·35	44.6663	9·0
...	31·810	+18·828	− 4	...	...
...	31·964	+31·170	− 4	...	...
...	32·054	−27·631	− 5	...	...
...	32·238	+50·262	− 5	...	...
421					
...	+32·417	+33·532	− 4	...	...
...	32·629	+48·038	− 5	...	...
...	32·855	+22·203	− 3	...	...
...	32·857	−11·997	− 5	...	...
...	33·050	+19·200	− 4	...	...
S *	+33·151	−27·032	1·90	46.6655	8·6
*	33·218	− 7·617	1·20	46.6653	9·4
...	33·315	−24·572	− 4	...	...
...	33·365	+ 2·591	− 5	...	...
*	33·443	+ 3·359	1·15	45.6702	9·5
431					
...	+33·957	−29·993	− 3	...	...
...	34·228	+38·649	− 2	...	...
...	34·329	+54·112	− 4	...	...
...	34·441	+17·348	− 2	...	...
...	34·459	−56·188	− 1	...	...
...	+34·858	−56·175	− 3	...	...
*	34·982	−47·164	1·35	46.6656	9·4
...	35·647	+ 6·660	− 2	...	...
...	35·677	+35·668	− 5	...	...
*	35·693	−24·033	1·00	46.6657	9·5
441					
...	+36·379	−51·574	− 5	...	...
...	36·432	−25·633	− 3	...	...
...	36·566	−35·748	− 4	...	...
...	36·603	+ 9·401	0·75	45.6703	9·8
...	36·785	−31·843	− 5	...	...
...	+36·802	+58·341	− 2	...	...
...	37·229	−26·300	− 4	...	...
...	37·345	−12·070	− 1	46.6658	10·0
...	37·467	−55·930	0·65	...	...
...	37·880	−17·142	− 3	...	...
451–510					
451				°	
...	+38·302	−32·088	0·85	46.6659	9·9
...	38·534	−36·769	− 5	...	...
...	38·869	− 0·685	− 2	...	...
...	38·966	+35·292	− 5	...	...
...	39·213	− 9·600	− 5	...	...
S *	+39·308	+12·213	2·00	45.6704	8·5
...	39·450	−27·833	− 4	...	...
...	39·515	+20·959	− 4	...	...
...	40·075	−21·691	0·65	...	...
S *	40·639	+33·357	2·80	45.6705	8·1
461					
...	+40·689	+28·599	− 5	*m*	...
*	40·825	−37·368	1·60	46.6660	9·0
...	40·983	−52·300	0·90	46.6661	10·0
...	41·078	−26·821	− 5	...	...
...	41·138	+ 7·605	0·80	...	...
...	+41·568	+55·737	− 1	...	...
...	41·585	+59·177	− 4	...	...
*	41·760	+18·355	1·10	45.6706	9·4
...	41·881	−15·624	− 5	...	...
...	42·091	−16·948	− 4	...	...
471					
...	+42·213	−26·430	− 3	...	...
...	42·572	−44·784	− 3	...	...
...	42·655	−24·408	0·70	46.6662	10·0
*	42·874	− 3·142	0·95	45.6707	9·9
*	43·248	−21·226	1·00	46.6663	9·5
...	+43·695	+ 8·230	− 4	...	...
...	44·050	−53·249	0·90	46.6665	9·9
...	44·132	− 7·177	− 4	...	...
*	44·174	−44·389	1·40	46.6664	9·2
...	44·469	−30·062	− 3	...	...
481					
*	+44·945	+41·269	1·10	45.6708	9·6
*	45·121	− 2·719	1·20	45.6710	9·4
...	45·208	+41·541	0·90	45.6709	10·0
*	45·436	−11·388	1·40	46.6666	9·4
...	45·450	−36·297	− 2	...	...
...	+45·691	− 8·880	− 5	...	...
...	45·873	−55·708	− 5	...	...
...	45·922	−37·748	0·70	...	...
...	46·038	−45·457	− 5	...	...
*	46·040	+44·255	1·10	45.6711	9·6
491					
...	+46·044	− 4·534	− 4	...	...
...	46·524	−22·764	1·00	46.6667	9·6
...	46·754	+ 7·467	− 3	*e*	...
...	46·866	+23·086	0·90	...	...
...	46·871	−19·359	− 1	...	...
...	+47·013	+ 3·111	− 4	...	...
*	47·164	−52·233	1·60	46.6668	9·2
...	47·316	+ 2·391	− 3	...	...
*	47·604	−26·631	2·90	46.6669	8·1
...	47·612	+22·117	− 3	...	...
501					
...	+47·730	+25·508	− 2	...	...
...	47·751	−11·858	− 3	...	...
...	47·966	+28·659	− 1	...	...
...	48·124	+ 0·544	0·80	45.6712	10·0
...	48·128	−25·116	− 5	...	...
...	+48·194	−48·373	− 4	...	...
...	48·781	−19·239	− 3	...	...
...	49·894	+57·605	0·95	44.6676	10·0
...	50·067	−12·398	− 3	...	...
...	50·242	−36·359	− 3	...	...
511–558					
511				°	
...	+50·413	−50·445	1·10	46.6670	9·6
...	50·529	+ 1·471	− 5	*m*	...
*	50·605	+35·739	1·00	45.6713	9·8
...	50·835	+ 5·851	− 3	...	...
...	51·160	+ 3·929	− 4	*e*	...
...	+51·741	− 5·942	− 3	...	...
...	51·815	−43·665	− 5	...	...
*	52·183	−14·811	1·10	46.6671	9·4
...	52·543	−52·356	1·00	46.6672	9·7
*	52·589	+ 6·531	1·00	45.6715	9·9
521					
...	+52·781	+55·183	1·00	44.6679	9·9
...	52·783	−15·695	− 5	...	...
*	52·816	+40·112	2·00	45.6714	8·8
...	52·974	+18·915	− 4	...	...
...	52·991	+10·557	− 3	...	...
...	+53·163	−23·754	− 4	...	...
...	53·281	−27·951	− 1	...	...
...	53·512	+31·591	− 2	...	...
...	53·638	+21·657	− 4	...	...
*	53·643	−13·904	1·60	46.6673	9·0
531					
...	+53·967	+42·218	− 1	...	...
...	54·367	−23·914	0·80	46.6674	10·0
...	54·497	+14·271	− 4	...	...
*	54·599	+37·298	1·10	45.6716	9·6
‡	54·708	−17·634	1·20	46.6675	9·4
...	+54·868	− 8·901	− 3	...	...
...	54·945	+30·775	− 5	*b*	...
...	54·970	−19·897	− 1	...	...
...	56·156	− 7·688	− 5	...	...
*	56·505	+39·578	2·20	45.6717	8·6
541					
*	+56·635	−25·608	1·50	46.6676	9·1
...	56·784	+47·686	− 5	...	...
...	56·915	+27·063	− 3	...	...
...	57·016	+ 9·786	1·00	45.6718	9·7
*	57·059	−54·200	1·70	46.6677	9·4
...	+57·144	− 6·198	− 5	...	...
...	57·254	+40·013	− 4	...	...
...	57·288	+34·798	− 5	*e*	...
...	57·328	−57·564	− 3	...	...
...	58·144	−18·637	− 2	...	...
551					
...	+58·668	+38·889	− 3	...	...
...	58·823	+25·758	− 5	...	...
...	58·915	+44·313	1·00	45.6719	9·7
...	59·145	−31·074	− 5	...	...
*	59·314	+ 5·948	1·40	45.6721	9·2
...	+59·362	+46·323	− 5	*e*	...
...	59·479	+ 8·418	− 4	...	...
...	59·529	+31·058	0·95	45.6720	9·8

Notes.	Co-ordinates. x	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
1–60					
1	′	′		°	
*	−59·563	+44·008	1·20	45.6711	9·6
*	58·998	− 2·950	1·40	45.6710	9·4
...	58·806	−30·266	− 3	...	...
*	58·657	−44·578	1·70	46.6664	9·2
...	58·506	−53·436	0·90	46.6665	9·9
*	−58·418	−11·590	1·40	46.6666	9·4
...	58·070	+22·891	0·80	...	...
...	58·020	− 4·734	− 4	...	...
...	57·702	+ 7·278	− 4	E	...
...	57·632	−36·464	− 2	...	...
11					
...	−57·301	+21·953	− 4	...	...
...	57·290	+ 2·940	− 5	M	...
...	57·283	+25·343	− 3	...	...
...	57·159	+28·501	− 3	...	...
...	57·117	−37·912	− 1	...	...
...	−56·980	+ 2·235	− 4	...	...
*	56·978	−22·905	1·00	46.6667	9·6
...	56·762	−45·596	− 5	...	...
...	56·732	−19·508	− 2	...	...
...	56·604	−55·848	− 5	...	...
21					
...	−56·128	+57·478	0·85	44.6676	10·0
...	56·104	+ 0·414	0·80	45.6712	10·0
...	56·092	−11·981	− 5	...	...
*	55·782	−26·748	3·20	46.6669	8·1
*	55·412	−52·335	1·90	46.6668	9·2
...	−54·819	−19·319	− 4	...	...
*	54·725	+35·654	1·10	45.6713	9·8
...	54·514	−48·442	− 3	...	...
...	53·768	−12·450	− 4	...	...
...	53·562	+ 5·784	− 4	...	...
31					
...	−53·182	+ 3·884	− 5	E	...
...	53·156	+55·138	1·00	44.6679	9·9
...	52·836	−36·383	− 4	...	...
*	52·655	+40·081	2·00	45.6714	8·8
...	52·528	−58·802	− 5	...	...
...	−52·299	− 5·961	− 4	...	...
*	52·231	−50·442	1·25	46.6670	9·6
*	51·833	+ 6·522	1·05	45.6715	9·9
...	51·828	+18·911	− 5	...	...
...	51·700	+31·594	− 4	...	...
41					
*	−51·581	−14·801	1·10	46.6671	9·4
...	51·567	+10·557	− 4	...	...
...	51·561	+42·222	− 1	...	...
...	51·269	+21·678	− 5	...	...
...	51·038	−43·639	− 5	...	...
...	−50·947	−15·665	− 5	...	...
*	50·793	+37·333	1·10	45.6716	9·6
...	50·431	−11·604	− 5	...	...
...	50·304	−23·707	− 5	...	...
...	50·184	+14·329	− 5	...	...
51					
*	−50·138	−13·857	1·70	46.6673	9·0
†	50·080	−27·887	− 3	...	...
†	50·034	−52·289	1·00	46.6672	9·7
...	49·100	−23·821	0·70	46.6674	10·0
...	49·078	− 8·813	− 3	...	...
*	−48·956	−17·539	1·15	46.6675	9·4
*	48·944	+39·674	2·30	45.6717	8·6
...	48·931	+47·771	− 5	...	...
...	48·789	−52·289	−4	...	...
...	48·630	−19·795	− 1	...	...
61–120					
61	′	′		°	
...	−48·220	+40·123	− 5	...	...
...	48·159	+27·176	− 3	...	...
†	48·033	+34·909	− 5	E	...
...	47·896	−30·544	− 5	...	...
†	47·516	+ 9·922	0·90	45.6718	9·7
*	−46·792	−25·440	1·60	46.6676	9·1
...	46·760	+39·050	− 2	...	...
...	46·698	+44·484	1·15	45.6719	9·7
...	46·300	+46·490	− 5	E	...
...	46·205	+25·933	− 5	...	...
71					
...	−45·667	+31·246	1·00	45.6720	9·8
...	45·607	−48·064	− 5	...	...
...	45·505	−18·427	− 3	...	...
*	45·467	−53·994	1·80	46.6677	9·4
†	45·103	−57·341	0·65	...	...
‡	−45·092	+ 6·168	1·50	45.6721	9·2
†	45·027	+ 8·640	− 4	...	...
†	44·932	+49·436	0·80	45.6723	10·0
*	44·507	+ 7·686	1·20	45.6722	9·6
...	44·494	+40·488	0·65	45.6724	10·0
81					
...	−44·186	+55·362	− 5	...	...
...	44·122	−30·818	− 5	...	...
*	44·056	+39·974	1·25	45.6725	9·6
*	43·623	+42·002	1·70	45.6726	9·4
...	43·598	− 6·883	− 5	...	...
...	−43·508	+18·305	− 5	...	...
...	43·082	−45·205	− 5	...	...
...	43·081	−50·089	− 4	...	...
...	42·986	+ 3·224	− 5	...	...
†	42·908	−24·882	− 5	...	...
91					
...	−42·900	−44·626	0·75	...	...
...	42·612	+45·433	− 1	...	...
*	42·482	+57·928	1·35	44.6684	9·5
α *	42·162	− 0·365	1·20	45.6727	9·9
...	41·823	− 9·039	− 5	...	...
...	−41·760	+14·138	− 5	M	...
...	41·204	−14·887	− 2	...	...
...	41·170	−10·249	− 3	...	...
*	41·077	+27·336	1·05	45.6728	9·9
...	40·957	−13·573	− 2	...	...
101					
...	−40·786	−22·920	− 3	...	...
...	40·395	+50·013	0·95	45.6729	10·0
†	40·145	−58·735	− 2	...	...
...	39·902	+22·975	0·70	...	...
*	39·727	+43·706	1·20	45.6730	9·6
*	−39·201	+39·672	1·00	45.6731	9·9
...	38·773	−54·758	− 1	...	...
...	38·766	+41·461	− 5	...	...
...	38·503	−49·746	− 4	...	...
...	38·389	+25·350	− 5	...	...
111					
...	−38·280	−25·194	− 2	...	...
...	38·246	+26·595	− 4	...	...
...	37·960	−26·864	0·70	46.6679	10·0
...	37·645	+22·253	0·75	...	...
...	37·401	+53·306	−4	...	...
...	−36·291	+11·739	0·90	45.6732	10·2
...	36·222	−48·969	− 5	...	...
...	36·168	+51·688	− 5	...	...
*	36·015	−19·868	1·10	46.6680	9·5
...	35·791	−32·703	0·80	46.6681	10·0
121–180					
121	′	′		°	
†	−35·142	−27·072	− 4	...	...
...	34·851	+46·088	− 4	...	...
*	34·257	−10·903	1·00	46.6683	9·8
*	34·199	+25·274	1·10	45.6733	9·8
...	33·931	+13·640	− 2	...	...
...	−33·833	−37·528	− 4	...	...
...	33·718	−35·926	− 4	...	...
...	33·631	−41·105	− 2	...	...
*	33·362	+42·076	1·00	45.6734	10·0
...	32·573	−48·604	− 1	...	...
131					
...	−32·534	+ 6·336	0·65	...	...
...	32·009	+27·018	− 5	M	...
*	31·958	+22·794	1·80	45.6735	8·9
*	31·842	−45·487	1·10	46.6685	9·8
*	31·637	+26·098	1·00	45.6736	10·0
...	−31·244	+ 5·422	− 5	M	...
...	30·690	−46·266	− 4	...	...
S ‡	30·429	− 9·905	1·50	46.6686	9·0
...	30·382	−48·181	− 5	...	...
*	30·158	+51·913	1·00	45.6738	10·0
141					
†	−30·051	+31·903	− 3	...	...
S *	29·970	+ 5·400	1·70	45.6737	9·0
S *	29·746	+50·795	1·60	45.6740	9·2
*	29·497	+26·288	1·00	45.6739	9·8
...	29·461	+42·195	− 4	A	...
...	−29·102	+21·777	− 4	...	...
...	29·057	+26·049	− 5	...	...
...	29·004	+53·368	− 4	...	...
...	28·943	+26·723	− 5	M	...
*	28·545	+28·831	2·90	45.6741	7·4
151					
...	−28·500	+ 7·141	− 5	...	...
...	28·447	−39·820	− 4	...	...
...	28·379	+26·467	− 4	...	...
...	28·366	+29·600	− 5	...	...
...	28·073	− 1·335	− 2	...	...
...	−27·867	− 1·721	− 5	...	...
...	27·622	−47·296	− 1	...	...
...	27·350	−28·408	− 1	...	...
...	27·214	+ 4·064	− 5	M	...
...	27·149	+19·301	− 4	A	...
161					
...	−26·844	+29·033	− 2	...	...
*	26·541	−25·036	0·90	46.6688	10·2
*	26·283	+ 2·970	1·40	45.6742	9·4
...	26·142	−56·792	− 4	...	...
...	25·210	−29·255	− 5	...	...
†	−25·111	−41·041	− 4	...	...
...	24·867	+18·210	− 4	...	...
...	24·860	−34·344	− 1	...	...
...	24·743	−55·268	1·00	46.6689	10·2
...	24·642	−38·831	− 5	...	...
171					
...	−24·322	−36·727	− 4	...	...
...	24·032	−43·147	− 4	...	...
...	23·805	−36·626	− 3	...	...
*	23·452	−45·923	1·00	46.6690	10·0
...	23·263	+30·255	− 4	...	...
...	−23·117	−43·314	− 4	...	...
...	22·568	−53·438	− 4	...	...
...	22·224	− 1·203	− 3	...	...
...	22·206	−44·555	− 2	...	...
...	22·130	+30·806	− 4	...	...

ES measured from 1, 194, 372.
MC „ „ 104, 283, 451.

Images fringed at following edge of plate.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
181–240					
181	′	′		°	
...	−22·004	+42·914	− 1	...	...
...	21·899	−34·467	0·65	...	...
*	21·544	+31·049	1·00	45.6743	10·0
...	21·487	+48·675	− 1	...	...
*	21·413	+38·481	1·60	45.6744	9·4
...	−21·180	−16·357	− 4	...	...
...	20·890	+23·975	− 4	...	...
...	20·684	−56·217	− 3	...	...
*	20·683	+41·726	1·60	45.6745	9·0
...	20·617	+ 7·771	− 2	...	...
191					
...	−20·214	−36·660	− 4	...	...
†	20·190	−55·724	− 5	...	...
†	20·160	−38·229	− 5	...	...
†	20·068	+ 9·401	− 5	M	...
...	20·060	−25·764	− 4	...	...
...	−18·751	+19·020	− 5	M	...
...	18·549	− 5·123	− 5	...	...
...	18·252	+22·739	− 5	...	...
...	17·990	−20·143	− 4	...	...
...	17·976	−47·370	0·65	...	...
201					
...	−17·778	−24·738	− 5	...	...
...	17·420	−36·706	− 4	...	...
†	17·382	−54·812	− 5	...	...
...	17·291	−55·111	− 5	...	...
*	16·736	+48·444	1·40	45.6746	9·4
...	−16·520	+12·828	− 3	...	...
...	16·262	−37·660	− 2	...	...
...	16·083	+12·556	0·65	45.6747	10·2
...	15·871	+29·578	− 5	...	...
...	15·773	+55·238	− 3	...	...
211					
...	−15·354	−48·770	− 2	...	...
*	14·927	−11·707	1·15	46.6691	9·6
...	14·677	+12·113	− 5	M	...
*	14·676	−17·154	1·10	46.6692	9·8
S *	14·657	+10·689	1·60	45.6748	9·0
...	−14·472	− 5·196	− 5	...	...
*	14·140	−19·342	1·00	46.6693	10·2
...	13·799	− 6·836	− 5	...	...
...	13·445	−55·123	− 1	...	...
...	13·284	− 9·358	− 2	...	...
221					
...	−13·242	−13·863	0·65	46.6694	10·2
...	12·686	−48·555	− 5	...	...
...	12·449	−30·187	− 5	...	...
...	12·320	−42·447	− 5	...	...
...	12·081	−43·129	− 5	...	...
...	−11·926	+45·559	− 5	...	...
...	11·832	− 5·575	− 4	...	...
...	11·728	− 7·865	− 4	...	...
...	11·640	−35·372	− 1	...	...
...	11·594	+42·965	− 3	...	...
231					
...	−10·982	−23·745	− 3	...	...
S *	10·803	−46·232	2·10	46.6695	8·3
...	10·731	−22·073	− 5	...	...
...	10·712	+ 6·229	− 5	M	...
...	10·579	− 3·288	− 4	...	...
...	−10·528	+48·801	− 5	...	...
...	10·516	+ 5·918	− 5	M	...
...	10·346	−44·678	0·65	...	...
...	9·938	−43·250	− 2	...	...
*	9·688	−32·931	1·35	46.6696	9·4

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
241–300					
241	′	′		°	
...	− 9·326	+22·003	0·70	...	...
...	9·300	−29·464	− 1	...	...
*	9·217	+47·352	1·35	45.6749	9·8
...	8·835	−22·484	− 3	...	...
...	8·685	−16·705	− 5	...	...
*	− 8·607	+30·235	1·35	45.6750	9·4
...	7·381	+31·936	− 5	M	...
†	6·962	+34·897	− 4	...	...
*	6·948	−58·233	1·30	46.6697	9·8
...	6·091	−33·884	0·75		
251				46.6700	8·9
*	− 6·005	−33·933	1·35		
*	6·002	−32·211	1·15	46.6698	9·6
*	5·945	+ 3·271	1·30	45.6751	9·4
...	5·842	−50·824	0·70	46.6699	10·2
...	5·689	+19·013	− 1	...	...
...	− 5·359	−54·364	− 5	...	...
...	4·929	−34·275	− 5	...	...
...	4·868	+ 5·043	0·65	...	...
...	4·805	+43·640	1·00	45.6752	10·0
*	4·780	−42·760	1·70	46.6701	9·0
261					
...	− 4·679	+10·070	0·70	45.6753	10·2
...	3·994	−25·925	− 5	...	...
...	3·441	+ 6·923	0·65	...	...
...	3·124	−13·970	− 5	*m*	...
...	3·026	−23·976	− 5	*m*	...
...	− 2·461	+20·700	− 5	M *m*	...
...	2·425	+40·840	− 3	...	...
...	2·331	+12·225	− 5	M *m*	...
...	2·309	+46·852	− 5	...	...
...	2·284	+32·179	− 5	M *m*	...
271					
...	− 2·281	− 1·245	− 5	*m*	...
...	2·029	+35·186	− 5	M *m*	...
...	1·855	+41·975	− 5	*m*	...
...	1·779	−36·991	− 4	...	...
...	0·686	+40·627	1·00	45.6755	10·2
*	− 0·649	+ 1·960	1·25	45.6754	9·6
*	0·428	−43·133	1·00	46.6702	9·8
...	0·346	+ 1·706	− 5	M *m*	...
*	0·312	−23·265	1·00	46.6703	10·0
...	0·283	−41·271	− 4	...	...
281					
†	− 0·225	−16·009	− 4	...	...
‡	0·200	−15·192	1·10	46.6704	9·6
...	0·105	−32·058	− 5	*m*	...
*	0·103	−40·335	1·10	46.6705	9·6
...	− 0·091	+24·041	− 5	M *m*	...
...	+ 0·177	−12·317	− 4	...	...
...	0·269	+47·997	− 2	...	...
...	0·472	−53·459	− 2	...	...
*	0·657	+ 7·400	0·90	45.6756	10·2
...	1·404	+41·469	− 4	...	...
291					
*	+ 1·404	+ 5·835	1·00	45.6757	9·6
...	1·564	−28·274	0·85	46.6706	10·2
*	1·632	+ 4·627	1·30	45.6758	9·4
...	1·711	−32·745	− 3	...	...
*	1·964	−19·109	1·00	46.6707	10·2
...	+ 2·020	+26·305	− 1	45.6759	10·2
*	2·354	+11·422	0·95	45.6760	10·2
...	2·437	−53·097	− 4	...	...
...	2·587	−36·931	− 5	*m*	...
...	2·907	+ 6·336	− 2	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
301–360					
301	′	′		•	
...	+ 2·935	−21·500	− 1	...	...
...	3·118	−25·668	− 4	...	...
...	3·178	+15·204	− 4	B *m*	...
...	3·230	−12·867	0·65	...	...
...	3·233	+39·080	− 3	...	...
...	+ 3·670	+ 8·751	− 2	...	...
...	3·915	−13·596	− 3	...	...
...	4·343	−13·442	− 4	...	...
...	4·435	+29·089	1·00	45.6761	10·0
*	4·491	−49·431	0·95	46.6709	10·2
311					
*	+ 4·616	−48·707	0·90	46.6710	10·2
...	5·315	− 2·129	− 4	*m*	...
...	5·484	+43·569	− 3	...	...
*	5·936	−55·585	1·20	46.6711	9·8
*	6·136	−40·763	1·30	46.6712	9·8
...	+ 6·204	+40·327	− 1	45.6762	10·2
...	6·338	−17·510	0·90	...	...
...	6·488	+51·099	− 3	...	...
*	6·579	+14·042	0·95	45.6763	10·2
...	6·619	+ 9·163	− 3	B *m*	...
321					
...	+ 6·929	− 6·521	− 5	*m*	...
...	7·012	−21·025	− 2	...	...
*	7·073	−23·588	1·00	46.6713	9·8
*	7·205	−48·142	1·10	46.6714	9·8
...	7·380	−49·738	− 1	...	...
...	+ 7·390	+33·437	0·95	45.6764	10·2
S *	7·565	−26·766	2·30	46.6715	8·4
...	7·653	−48·406	− 5	...	...
...	8·056	+21·902	− 3	...	...
...	8·129	−27·358	− 3	...	...
331					
...	+ 8·588	+45·479	− 4	...	...
...	8·871	−18·552	− 4	...	...
...	9·028	+32·412	− 5	*m*	...
...	9·303	−42·276	− 4	...	...
...	9·606	+27·960	− 4	*a*	...
...	+ 9·630	−24·869	− 4	...	...
...	10·276	+40·243	− 3	...	...
...	10·301	−50·564	− 1	...	...
...	10·911	+57·520	0·95	44.6704	9·8
*	10·992	−27·678	1·30	46.6717	9·6
341					
...	+11·397	+13·402	− 5	*m*	...
...	11·533	− 6·433	0·65	...	...
*	11·604	−24·808	1·80	46.6719	9·0
...	12·071	−12·379	− 2	...	...
...	12·174	−32·044	− 4	...	...
...	+12·257	+13·382	− 3	...	...
...	12·605	−33·548	− 5	...	...
...	12·742	+23·634	0·85	45.6765	10·2
...	12·825	−16·773	− 5	*a*	...
...	13·163	+25·936	− 3	...	...
351					
...	+13·837	−26·640	0·65	...	...
...	14·036	−32·760	− 3	...	...
...	14·050	−12·068	− 2	...	...
...	14·564	+ 3·307	− 5	*m*	...
†	14·817	+52·683	− 5	...	...
...	+15·058	−18·377	− 4	...	...
...	15·540	−41·928	0·80	46.6720	10·2
...	15·567	−17·611	− 5	*b*	...
*	15·697	−15·997	1·20	46.6721	9·8
...	15·702	− 0·266	0·85	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
361–410					
361					
...	+16·065	− 2·578	− 4	*a*	...
...	16·080	+ 6·569	− 4	*b*	...
...	16·592	+ 7·432	− 4	*a*	...
...	16·640	−14·899	− 5	...	...
...	17·581	+57·464	− 5	...	...
...	+17·971	+20·144	− 3	*a*	...
...	18·327	+ 5·667	− 4	*a*	...
...	18·452	+11·963	0·90	45.6766	10·2
...	18·659	+34·551	0·90	45.6767	10·2
S *	18·901	+46·314	1·50	45.6768	9·4
371					
...	+19·647	−27·981	0·90	46.6722	10·2
...	19·994	−43·682	0·80	46.6723	10·2
S *	20·725	−53·299	2·10	46.6724	8·5
*	20·864	+33·381	1·80	45.6769	8·9
...	20·988	−56·551	− 5	...	...
...	+21·324	−45·578	− 5	...	...
...	21·544	+ 5·965	− 5	*m*	...
...	21·744	+19·537	0·80	45.6770	10·2
...	21·825	+32·738	− 5	...	...
...	22·734	+24·755	0·95	45.6771	10·2
381					
...	+22·738	+42·921	− 5	...	...
*	23·111	−56·325	1·30	46.6725	9·6
*	23·375	+21·022	1·05	45.6772	9·8
...	24·215	+29·543	− 5	...	...
...	24·342	− 3·753	− 5	...	...
...	+24·412	+ 0·888	− 5	...	...
...	24·495	+31·641	− 5	...	...
*	25·427	− 1·494	1·25	45.6773	9·6
...	25·547	− 8·692	0·65	...	...
...	26·024	+ 8·885	− 3	...	...
391					
...	+26·350	−55·432	1·00	46.6726	10·2
...	26·352	+18·183	− 5	...	...
...	26·488	+40·195	− 1	...	...
...	26·969	−54·419	1·10	46.6727	10·0
...	26·998	−29·217	− 5	...	...
*	+27·135	+44·610	1·40	45.6774	9·4
...	27·218	+ 3·118	− 5	*m*	...
...	27·631	+ 5·770	− 2	...	...
...	27·752	+24·586	− 5	...	...
...	27·951	−45·942	− 2	...	...
401					
...	+28·049	+32·534	− 5	...	...
...	28·082	−31·168	− 2	...	...
...	28·187	+27·309	− 4	...	...
...	28·281	+ 3·882	− 3	...	...
...	28·303	−21·090	0·85	46.6728	10·2
...	+28·954	−14·708	− 5	...	...
...	29·099	+ 3·115	− 3	...	...
...	29·397	+30·538	− 4	...	...
†	29·669	−39·531	− 5	...	...
...	30·010	−17·144	− 5	...	...
411–460					
411					
...	+30·210	+28·073	− 5	...	...
...	30·254	−11·512	− 4	...	...
...	30·341	+10·898	− 4	...	...
...	30·354	+21·109	− 5	...	...
...	30·644	−14·806	0·80	46.6730	10·2
...	+30·847	+20·591	− 3	...	...
...	30·868	+44·393	− 1	45.6776	10·2
...	30·910	+45·350	0·95	45.6775	9·8
...	31·233	−40·719	− 5	...	...
*	31·363	+29·942	1·40	45.6777	9·4
421					
*	+31·496	+24·079	8·60	45.6778	3·7
*	31·595	−47·171	1·40	46.6732	9·8
...	32·065	+37·043	− 5	...	...
*	32·201	+10·499	1·00	45.6779	9·8
...	32·500	−51·165	0·90	46.6733	10·0
...	+32·591	−55·415	1·00	46.6734	10·0
S *	32·602	+21·541	3·30	45.6780	7·8
...	32·699	+11·548	− 5	*m*	...
...	33·718	+ 4·513	− 1	45.6781	10·2
...	33·969	+ 5·770	0·85	45.6782	10·2
431					
...	+34·377	−50·977	− 5	...	...
†	34·389	+34·902	1·15	45.6783	9·8
...	34·491	−14·523	− 5	...	...
...	34·534	+ 9·445	− 3	...	...
†	34·743	−14·709	− 5	...	...
...	+35·830	−12·135	1·00	46.6736	10·0
...	36·227	−38·167	− 2	...	...
...	36·489	+ 7·215	− 5	...	...
...	36·739	+51·580	1·10	45.6784	9·6
S *	36·897	+ 1·667	1·95	45.6785	9·0
441					
...	+36·929	+42·997	− 4	...	...
*	37·213	−42·318	1·70	46.6737	9·2
...	37·475	−19·900	0·65	...	...
...	37·612	− 5·719	− 3	...	...
...	37·994	−29·045	0·70	...	...
*	+38·454	−14·748	1·70	46.6738	9·2
...	38·685	−19·900	− 5	...	...
... [	39·010	−18·617	− 1	...	...
...	39·046	−19·584	− 5	...	...
...	39·341	−16·603	− 5	...	...
451					
...	+39·804	−30·341	− 5	...	...
...	40·125	−54·367	− 3	46.6739	10·2
...	40·136	−25·085	− 3	...	...
...	40·346	− 6·419	− 5	...	...
...	40·628	−42·104	0·95	46.6740	10·0
...	+41·214	−59·671	− 4	46.6741	10·2
...	42·159	−55·786	− 4	...	...
...	43·615	+ 1·909	− 4	...	...
†	44·138	−44·953	− 1	46.6742	10·2
...	44·326	− 6·866	− 1	...	...
461–495					
461					
...	+45·027	+48·271	− 4	45.6786	10·2
...	45·162	−11·396	− 5	...	...
...	45·353	+ 1·869	− 3	...	...
*	45·423	−19·785	1·80	46.6743	8·8
...	45·822	− 1·150	− 5	...	...
*	+46·162	+33·699	1·60	45.6787	9·2
...	47·210	− 1·485	− 4	...	...
...	47·472	− 4·036	− 1	...	...
...	48·057	+14·222	− 3	...	...
...	48·224	−30·041	− 5	...	...
471					
...	+48·970	+19·037	− 5	...	...
...	49·060	−37·570	− 1	46.6744	10·2
...	50·226	+35·812	1·30	45.6788	9·4
...	50·751	+18·752	− 4	...	...
...	50·791	−58·438	− 3	46.6746	10·2
...	+52·246	+57·079	− 3	44.6720	9·6
...	52·482	+16·205	− 1	45.6789	9·8
*	52·518	−12·630	3·00	46.6747	8·3
*	53·463	+ 4·823	1·50	45.6791	9·4
...	53·625	+14·780	− 2	45.6792	10·2
481					
...	+53·719	+24·562	0·85	45.6790	9·8
...	53·802	+25·175	− 4	45.6793	10·2
*	53·819	−18·806	1·60	46.6748	9·4
*	54·201	+30·790	1·40	45.6794	9·4
...	54·341	−17·844	0·80	46.6749	10·0
...	+54·514	−29·231	− 2	46.6750	10·2
†	54·540	−25·065	− 4	...	...
†	54·658	− 5·413	− 5	...	...
‡	55·139	+34·816	2·80	45.6795	8·7
‡	56·463	−19·955	2·00	46.6751	9·0
491					
N	+56·670	−35·395	1·00	46.6752	9·4
*	57·413	+26·138	3·00	45.6796	8·7
*	57·797	− 1·351	2·00	45.6798	9·2
...	57·828	+ 2·704	− 3	45.6797	10·2
‡	59·472	−41·087	3·00	46.6753	8·4

491. Image very bad. 46°·87, 47°·86, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
1–60					
1	′	′		°	
...	−59·708	− 7·104	0·65	...	...
...	59·267	−21·289	− 5	...	...
*	59·156	+33·493	1·40	45.6787	9·2
...	58·949	+ 1·653	− 2	...	...
...	58·735	−11·631	− 4	...	...
...	−58·683	−45·183	− 1	46.6742	10·2
...	58·381	− 1·352	− 3	...	...
‡	58·190	−19·979	1·60	46.6743	8·8
...	56·982	− 1·648	− 3	...	...
...	56·650	+14·088	− 1	...	...
11					
...	−56·638	− 4·182	0·75	...	...
...	55·881	+18·927	− 3	...	...
‡	55·161	+35·727	1·40	45.6788	9·4
†	55·067	−30·143	− 5	...	...
...	54·077	+18·698	− 3	...	...
...	−54·009	−37 640	− 1	46.6744	10·2
...	53·995	+20·139	− 5	...	...
*	53·830	+57·040	1·20	44.6720	9·6
...	52·295	+16 213	0·95	45.6789	9·8
...	51·896	+50·072	− 2	...	...
21					
...	−51·755	−20 800	− 4	...	...
...	51·619	−58·452	− 2	46.6746	10·2
*	51·337	−12·609	1·80	46.6747	8·3
...	51·299	+24·595	0·90	45.6790	9·8
...	51·266	+25·197	− 2	45.6793	10·2
...	−51·102	+14·817	0·75	45.6792	10·2
...	51·045	+20·074	− 3	...	...
*	51·021	+30·829	1·20	45.6794	9·4
*	50·938	+ 4·866	1·20	45.6791	9·4
†	50·832	+39·789	− 4	...	...
31					
...	−50·280	−51·271	− 4	...	...
‡	50·235	+34·875	1·80	45.6795	8·7
†	50·148	− 3·549	− 4	...	...
*	49·830	−18·743	1·10	46.6748	9·4
...	49·414	− 5·330	− 3	...	...
...	−49·339	−17·760	0·95	46.6749	10·0
†	48·923	−24·964	− 3	...	...
...	48·812	−29·132	0·65	46.6750	10·2
*	47·681	+26·273	1 80	45.6796	8·7
...	47·599	− 3·801	− 5	...	...
41					
*	−47·160	−19·811	1·40	46.6751	9·0
...	46·904	+35·859	− 2	...	...
...	46·511	+ 2·892	− 1	45.6797	10·2
N [	46·482	−35·230	1 10	46.6752	9·4
*	46·416	− 1·185	1·20	45.6798	9·2
..	−44·425	−40·018	− 4	...	...
...	43·954	−15·784	− 4	...	...
...	43·946	+28·727	− 4	...	...
†	43·831	−19·968	− 4	...	...
...	43·684	+44·285	− 4	...	...
51					
...	−43·676	+33·436	− 2	...	...
S *	43·476	−40·828	2·00	46.6753	8·4
...	42·730	+35·380	− 3	...	...
...	42·192	−50·213	− 2	...	...
...	42·086	−56·209	− 1	46.6754	10·2
...	−41·824	+ 7·406	− 4	A	...
...	41·522	+26·170	0·90	45.6799	10·0
...	41·153	+48·262	− 5	...	...
...	40·814	−31·904	− 3	...	...
*	40·689	+57·988	1·40	44.6730	9·4

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
61–120					
61	′	′		°	
...	−40·670	−20·818	0·75	46.6756	10·2
...	40·601	+18·390	− 4	...	...
...	40·347	+29·797	− 2	45.6800	10·2
‡	40·180	+31·034	1·00	45.6801	9·6
...	39·997	− 8·345	− 3	...	...
...	−39·785	−26·750	− 3	...	...
*	39·644	−32·224	1·50	46.6758	9·0
...	39·527	+40·868	− 4	...	...
...	39·336	+ 1·091	0·85	45.6802	10·0
...	39·333	+19·438	− 5	M	...
71					
...	−39·327	−29·681	− 4	...	...
...	38·790	− 0·864	− 4	...	...
...	38·765	+37·565	− 5	...	...
...	38·644	−21·121	− 1	46.6759	10·2
...	38·384	+35·473	− 5	...	...
...	−38·191	+40·178	− 4	...	...
...	37·899	+ 8·062	− 1	...	...
...	37·679	+32·275	− 5	M	...
...	37·440	−32·454	0·65	46.6760	9·8
...	36·964	+43·636	− 4	...	...
81					
...	−36·814	+11·542	− 4	A	...
...	36·643	+35·637	− 4	...	...
...	36·482	+13·365	− 3	...	...
S *	36·378	+10·461	2·00	45.6803	8·3
...	36·152	−45·636	− 5	...	...
...	−36·067	−42·205	0·75	46.6761	10·2
*	35·934	− 8·290	1·35	46.6762	9·0
...	35·902	−51·532	− 5	...	...
S *	35·325	−12·709	2·25	46.6763	8·0
...	35·181	+35·598	− 4	...	...
91					
...	−34·876	−36·721	− 3	...	...
...	34·438	+37·789	0·90	45.6804	9·8
...	33·866	+31·280	− 2	...	...
...	33·861	−27·625	− 5	...	...
...	33·247	−48·311	− 4	...	...
...	−33·234	−14·026	0·65	46.6765	10·0
*	33·231	−57·806	2·80	46.6764	7·5
...	33·152	+35·166	0·70	45.6805	10·2
...	32·661	− 2·035	− 4	...	...
...	32·424	−41·000	− 5	...	...
101					
...	−32·398	+20·166	− 5	M	...
*	32·273	−31·526	1·05	46.6766	9·6
*	32·140	+32·265	1·80	45.6807	8·9
...	31·990	+11·665	− 2	45.6806	10·2
*	31·881	−33·502	1·15	46.6767	9·4
†	−31·525	−49·967	0·90	46.6769	9·8
...	31·173	−49·125	0·70	46.6770	10·2
...	30·506	−16·047	− 5	...	...
...	30·256	−39·299	− 4	...	...
*	29·761	+26·781	1·35	45.6808	9·2
111					
...	−29·688	+27·499	− 4	...	...
...	29·516	−15·867	− 4	...	...
...	28·548	+ 1·911	− 5	...	...
S *	27·567	+47·412	2·20	45.6809	8·0
...	27·497	−30·887	− 5	...	...
...	−27·231	+50·921	0·70	...	...
...	27·146	+52·540	0·75	45.6810	10·2
...	26·770	−14·596	− 3	...	...
...	26·500	+19·339	− 4	...	...
...	26·142	−36·556	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
121–180					
121	′	′		°	
...	−25·795	−35·989	− 4	...	...
...	25·650	−31·961	− 2	...	...
...	25·556	+15·557	− 4	...	...
...	25·421	−14·503	− 4	...	...
...	25·285	−35·888	− 2	...	...
...	−25·275	+14·530	0·65	45.6811	10·2
...	25·274	+18·513	− 5	M	...
...	25·068	+32·462	0·75	45.6812	9·8
...	24·998	+51·145	0·85	45.6813	10·0
...	24·944	+17·326	− 5	M	...
131					
...	−24·916	+39·061	− 4	...	...
*	24·524	−32·158	1·20	46.6772	9·4
...	24·358	−13·524	− 4	...	...
*	24·311	−19·318	1·20	46.6773	9·4
...	24·151	− 7·184	− 4	...	...
...	−23·927	−30·436	− 2	...	...
...	23·785	−54·807	1·05	46.6774	9·8
*	23·742	− 6·812	1·70	45.6814	8·9
...	23·673	+ 8·160	0·75	...	...
...	23·606	−24·725	− 4	...	...
141					
...	−23·287	−59·377	0·75	46.6775	10·2
...	23·084	+58·328	0·70	44.6748	10·2
...	22·987	−36·698	− 5	...	...
...	22·611	−34·431	− 2	...	...
...	22·414	+25·471	− 4	...	...
...	−21·682	+55·541	− 5	...	...
†	21·631	+ 9·855	0·90	45.6815	9·6
...	21·538	+16·154	0·80	45.6816	10·0
...	21·076	−11·811	− 5	...	...
...	21·037	+13·539	− 2	...	...
151					
S *	−21·006	+ 6·025	1·50	45.6817	9·0
...	20·773	+36·280	− 3	...	...
...	20·567	−59·353	0·70	46.6776	10·2
...	20·497	+46·885	0·70	45.6818	10·2
...	20·472	−35·705	− 3	...	...
*	−20·350	−49·598	1·05	46.6777	9·6
...	20·261	−53·652	− 3	...	...
...	20·084	−55·260	− 5	...	...
...	19·992	−37·566	0·90	46.6778	9·8
†	19·938	−10·062	− 4	...	...
161					
...	−19·901	+30·777	− 1	...	...
*	19·365	−43·416	3·00	46.6779	7·4
...	19·288	−47·951	− 4	...	...
...	19·085	+36·431	− 4	...	...
...	19·052	−18·209	− 4	...	...
...	−18·599	+ 0·555	0·90	45.6819	9·8
...	18·130	− 1·536	− 2	...	...
...	18·078	−33·046	− 2	...	...
...	17·689	− 8·292	− 3	...	...
...	17·540	+31·799	− 4	...	...
171					
...	−17·359	+15·330	− 4	...	...
...	17·100	−21·852	0·65	...	...
...	16·743	−21·492	− 3	...	...
...	16·390	−52·045	− 4	...	...
...	16·343	+ 8·631	− 4	...	...
*	−16·239	− 4·549	3·00	45.6820	7·6
...	16·175	+47·874	0·65	...	...
...	15·668	+16·083	− 5	...	...
...	15·258	+29·939	− 1	45.6821	10·2
...	15·247	−58·040	− 4	...	...

MC measured from 1, 158, 328.
ES ,, ,, 65, 248, 398.

44. Mass. 46°·86 very bad image; 47°·86 mass.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
181–240					
181				°	
...	−15·024	+ 6·509	− 5	...	...
...	14·715	+49·460	0·80	45.6822	10·2
...	14·597	−42·637	− 2	...	...
*	14·556	−49·458	1·10	46.6780	9·4
...	14·220	−25·199	− 5	...	...
*	−14·160	− 8·453	1·90	46.6782	8·4
...	14·141	+ 3·685	1·10	45.6823	9·8
...	14·113	−35·657	− 3	46.6781	10·2
...	13·980	+20·693	− 4	...	...
...	13·900	+45·119	− 3	45.6824	10·2
191					
...	−13·843	+33·113	0·90	45.6825	10·0
...	13·309	−41·870	− 4	...	...
...	13·153	+58·877	− 3	...	...
...	12·805	+ 0·645	0·90	45.6826	10·0
...	12·688	+11·612	− 4	...	...
...	−12·570	− 1·327	− 4	...	...
...	12·144	−47·961	− 5	...	...
*	12·094	−33·457	1·90	46.6783	8·5
...	11·944	+39·202	− 1	45.6827	10·2
...	11·876	+54·975	− 3	...	...
201					
...	−11·830	−30·726	0·75	46.6784	10·2
...	11·419	+20·504	− 4	...	...
...	10·749	+57·103	0·70	44.6760	10·2
...	10·533	+27·332	− 5	M	...
...	10·325	+45·330	0·80	45.6828	10·2
†	−10·153	− 0·966	− 3	...	...
...	9·852	+22·730	− 3	...	...
...	9·803	− 5·952	− 3	...	...
*	9·666	+53·678	1·00	44.6762	9·8
...	9·643	+48·299	− 4	...	...
211					
...	− 9·503	−35·095	0·90	46.6785	9·8
...	9·423	−23·922	− 5	...	...
...	9·404	−26·554	− 3	...	...
...	9·061	+40·792	− 1	...	...
...	8·846	+43·477	− 3	...	...
...	− 8·513	+26·304	− 1	...	...
...	8·266	− 0·123	− 1	45.6829	10·2
...	7·873	− 5·400	− 5	*m*	...
...	7·845	+42·486	− 4	...	...
*	7·632	−46·623	1·60	46.6786	8·8
221					
*	− 7·137	+ 9·563	1·30	45.6830	9·6
...	7·135	+34·337	− 2	45.6831	10·2
*	5·969	+35·831	1·30	45.6832	9·2
...	4·977	−53·127	0·95	46.6787	9·8
...	4·939	+57·224	− 2	...	...
...	− 4·924	−19·448	0·80	46.6788	10·2
...	4·693	− 6·797	− 1	...	...
...	4·638	+15·298	− 1	45.6833	10·0
...	4·615	+48·228	− 3	...	...
...	4·210	−57·940	− 5	...	...
231					
...	− 3·896	+17·170	− 4	...	...
...	3·843	+41·901	− 3	...	...
...	3·572	− 4·633	0·65	45.6834	10·2
...	3·529	+35·128	− 5	*m*	...
...	2·991	+30·456	− 3	*m*	...
...	− 2·634	+48·468	− 5	...	...
...	2·605	+23·284	− 3	...	...
...	2·548	−51·106	0·90	46.6789	10·0
...	2·314	−31·613	− 4	...	...
...	1·482	−22·671	− 4	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
241–300					
241				°	
...	− 1·336	+48·864	− 3	...	...
...	0·866	− 2·688	0·85	45.6835	10·0
...	0·756	+27·819	− 4	...	...
...	0·647	−42·300	− 1	46.6790	10·2
...	0·604	+13·251	0·75	45.6836	10·2
...	− 0·528	+35·341	− 5	*m*	...
...	− 0·441	+34·358	− 2	45.6837	10·2
...	+ 0·074	−38·625	− 3	...	...
*	1·038	−45·477	1·10	46.6791	9·6
...	1·847	+ 6·659	− 5	*m*	...
251					
...	+ 2·074	+25·958	− 5	*m*	...
...	2·259	+39·142	− 5	...	...
*	2·779	+ 6·782	1·10	45.6838	9·4
...	3·032	+54·308	− 4	*m*	...
...	3·107	+24·500	− 2	45.6839	10·2
†	+ 3·343	+34·873	− 2	...	...
...	3·395	+48·909	− 5	...	...
*	3·864	+ 6·967	1·20	45.6840	9·4
...	4·580	+36·572	− 5	...	...
...	4·874	−33·355	− 1	46.6792	10·2
261					
...	+ 4·909	−51·642	− 5	...	...
...	5·101	−56·472	− 4	...	...
...	5·160	+38·244	− 4	...	...
...	5·174	−28·883	− 1	46.6793	10·2
...	5·515	− 6·816	0·65	46.6794	10·2
S *	+ 5·619	−50·886	1·20	46.6795	9·0
...	5·643	+38·526	− 3	...	...
...	5·855	−47·279	0·75	46.6796	10·2
...	5·951	+42·665	0·70	45.6841	10·2
...	6·152	−46·298	− 5	...	...
271					
...	+ 6·235	−11·017	− 3	...	...
*	6·249	+32·411	1·05	45.6842	9·6
...	6·468	+45·054	− 5	M	...
...	6·618	+ 1·617	− 5	M*m*	...
...	7·247	+26·076	0·70	45.6843	10·2
...	+ 7·394	−46·655	− 3	...	...
...	7·569	+ 1·165	− 3	45.6844	10·2
*	7·883	+19·104	4·80	45.6845	7·2
...	8·319	+ 0·305	− 3	α	...
...	8·659	+46·532	− 3	...	...
281					
...	+ 8·985	−24·058	− 5	...	...
...	9·224	− 6·369	0·75	45.6846	9·8
...	9·246	+54·314	− 4	...	...
...	9·591	+44·272	− 5	...	...
...	9·600	+57·197	− 4	...	...
†	+ 9·724	−34·966	− 4	...	...
...	9·867	+32·460	− 4	...	...
*	10·207	−38·913	2·70	46.6798	7·8
...	10·210	−39·805	− 5	...	...
...	11·293	−32·428	− 5	...	...
291					
...	+11·305	−24·611	− 4	...	...
S *	11·315	+14·209	3·40	45.6847	7·6
...	11·597	+ 9·303	− 3	45.6848	10·2
...	11·730	+36·526	− 5	...	...
*	11·834	− 7·043	1·80	46.6799	9·0
*	+11·856	−49·586	1·05	46.6800	9·6
...	11·939	−38·060	− 2	...	...
...	12·162	+49·332	− 5	...	...
‡	12·328	+14·879	2·80	45.6849	7·8
*	12·513	−20·667	1·25	46.6801	9·4

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
301–360					
301				°	
*	+12·535	−48·345	1·00	46.6802	9·8
...	12·842	−47·770	0·70	...	...
*	12·919	+34·554	1·00	45.6850	9·6
...	13·314	−35·591	− 2	46.6803	10·2
...	13·364	−39·313	− 5	...	...
...	+13·373	+29·350	− 4	45.6851	10·2
...	13·423	−32·843	− 4	...	...
...	13·645	+39·309	− 5	...	...
...	13·960	− 7·959	− 2	46.6804	10·2
...	13·993	−38·534	− 3	...	...
311					
‡	+14·010	+54·844	1·05	44.6782	9·4
...	14·113	−21·620	− 5	...	...
...	14·355	− 9·228	− 2	46.6805	10·2
...	14·515	−44·746	− 4	...	...
*	14·532	+29·309	1·70	45.6852	8·8
...	+14·576	−22·262	− 3	...	..
†	14·785	+31·319	− 5	...	...
...	15·109	−34·578	− 3	...	...
...	15·193	− 0·668	− 3	...	...
...	15·443	+43·117	− 2	45.6853	10·2
321					
...	+15·509	−48·475	0·95	46.6806	9·8
...	15·585	+23·267	0·70	45.6854	10·2
...	16·698	−48·033	0·75	46.6807	10·2
*	17·255	+ 7·324	2·00	45.6855	8·6
*	17·546	−54·154	1·20	46.6808	9·4
...	+19·325	+47·621	− 4	...	...
...	19·326	−38·355	− 4	...	...
*	19·934	+ 1·978	1·40	45.6856	8·8
...	20·183	−28·794	− 3	...	...
...	20·534	−41·349	− 3	...	...
331					
...	+20·565	−30·942	− 2	...	...
...	20·628	+44·628	− 3	...	...
*	20·789	+34·538	2·00	45.6857	8·4
...	20·884	+ 6·925	− 3	...	...
...	21·809	+12·104	− 3	...	...
...	+21·814	− 0·374	− 4	...	...
...	21·951	−29·444	− 2	...	...
...	22·106	− 5·331	0·85	45.6858	10·2
...	22·686	−29·094	0·90	46.6809	9·8
...	22·877	+42·045	− 3	...	...
341					
...	+22·965	+54·360	− 4	*a*	...
...	23·214	+35·402	− 4	...	...
...	23·797	−35·141	0·85	46.6810	10·2
...	24·052	+10·077	0·90	45.6859	9·8
...	24·220	−45·927	− 2	...	...
...	+25·286	−23·898	− 2	46.6811	10·2
S *	25·828	+53·187	1·25	45.6860	9·2
*	26·217	−56·537	1·20	46.6812	9·0
...	26·561	−35·092	− 3	...	...
*	26·705	−17·943	1·50	46.6813	8·9
351					
*	+26·772	−47·926	1·00	46.6814	9·6
...	26·781	−30·087	− 4	...	...
S *	26·844	+ 7·593	1·60	45.6861	8·9
...	27·591	+53·046	− 2	...	...
...	28·008	+32·902	− 4	...	...
...	+28·552	−56·228	− 4	...	...
...	28·554	+34·049	− 4	...	...
...	28·639	− 3·718	− 5	...	...
...	28·704	+16·980	− 2	45.6862	10·2
...	28·930	+55·389	− 1	44.6798	10·2

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
		361–410			
361					
...	+29·284	− 0·774	− 2	45.6863	10·2
†	29·726	− 8·615	− 4	...	...
...	29·798	+23·800	0·70	45.6864	10·2
...	29·885	+11·649	− 3	...	...
...	29·946	−58·124	− 5	...	...
...	+30·226	−38·578	− 4	...	...
...	30·605	+33·927	− 5	...	...
...	30·929	+21·635	− 2	...	...
...	30·975	−11·122	− 1	...	...
...	30·990	−27·793	− 4	...	...
371					
...	+31·196	+14·505	− 2	45.6865	10·2
*	31·749	−46·975	1·50	46.6816	9·0
*	31·846	−15·132	1·40	46.6815	9·2
...	32·005	+43·496	− 4	...	...
...	32·540	−27·928	− 4	...	...
...	+32·579	+15·086	− 3	...	...
...	32·787	−51·819	− 2	...	...
...	33·098	− 7·654	0·70	46.6817	10·2
...	33·154	−48·529	− 4	...	...
...	33·391	+59·215	− 4	...	...
381					
...	+33·712	−11·345	− 4	...	...
*	34·519	−48·597	1·00	46.6818	10·0
...	34·944	+34·730	0·80	45.6866	10·0
...	35·266	−29·584	− 4	...	...
...	35·557	−42·905	− 4	...	...
...	+36·604	+21·621	0·80	45.6867	10·0
...	36·613	−34·451	0·85	46.6819	10·2
...	37·001	− 9·551	− 4	...	...
...	37·343	−52·502	− 4	...	...
...	37·420	−21·858	− 2	...	...
391					
...	+38·269	−43·233	− 3	...	...
...	38·448	+57·382	0·85	44.6808	10·2
...	38·895	+ 3·001	− 5	*m*	...
...	39·025	−28·950	− 3	...	...
...	39·175	−29·849	0·85	46.6822	10·0
S *	+39·214	− 7·505	1·40	46.6821	8·9
*	39·316	−34·123	1·00	46.6823	9·8
...	40·028	−56·621	0·95	46.6824	10·2
...	40·057	−52·199	− 5	...	...
...	40·140	−25·561	− 5	...	...
401					
...	+40·642	−37·249	− 5	...	...
...	40·972	−56·828	0·90	46.6825	10·2
...	40·988	−33·802	− 2	...	...
†	41·256	−34·977	0·75	46.6826	9·8
...	42·009	−22·636	0·85	46.6827	10·0
...	+42·719	+12·460	− 5	...	...
...	42·846	−14·178	− 5	...	...
N	43·016	+36·225	− 2	45.6868	10·2
...	43·541	+22·314	− 2	...	...
...	43·564	+42·413	− 2	...	...
		411–460			
411					
...	+43·810	−37·308	0·95	46.6830	9·8
*	43·881	−23·709	0·95	46.6829	9·6
...	44·163	+40·943	− 4	...	...
...	44·284	+30·760	0·65	45.6869	10·2
...	44·390	−26·438	− 5	...	...
*	+44·392	−40·322	1·05	46.6831	9·8
†	44·692	−12·352	− 3	...	...
...	44·807	+22·367	− 4	...	...
*	44·817	+34·953	1·40	45.6870	8·9
...	44·820	+26·246	− 4	...	...
421					
...	+44·883	− 0·834	0·75	45.6871	9·8
...	45·148	−52·311	0·70	46.6832	10·2
...	45·188	−15·339	− 5	...	...
...	45·204	−35·669	− 4	...	...
...	45·602	−46·831	0·95	46.6833	10·0
...	+45·756	+48·527	1·05	45.6872	9·6
...	46·556	+18·217	− 5	...	...
...	46·843	+ 1·729	− 5	*e*	...
...	47·034	+55·263	− 5	...	...
...	47·099	−18·020	− 5	...	...
431					
†	+47·311	−15·009	− 2	...	...
...	47·908	+12·852	− 5	*e*	...
...	47·949	+ 0·052	− 5	*e*	...
N [	48·201	−26·558	0·75	46.6835	9·6
N * [	48·246	−26·525	1·05		
...	+48·480	−33·377	− 4	...	...
*	48·609	−54·658	1·50	46.6836	9·4
...	48·621	+56·830	0·75	44.6817	10·0
...	48·721	−35·673	− 4	...	...
...	48·783	−53·860	0·80	46.6837	10·0
441					
S *	+48·952	−37·988	2·90	46.6838	7·6
...	49·022	+53·033	− 4	...	...
...	49·364	+30·526	− 5	...	...
...	49·773	+59·071	− 5	...	...
...	50·652	+14·617	− 4	...	...
...	+50·676	− 3·944	− 3	...	...
...	51·013	+ 7·063	− 5	...	...
...	51·344	+16·444	− 5	...	...
...	51·574	−45·616	0·90	46.6839	10·2
...	51·855	+35·409	− 5	...	...
451					
...	+51·860	−40·239	1·10	46.6840	9·6
*	52·573	+43·387	1·60	45.6873	9·0
...	53·177	−25·743	− 5	...	...
...	53·531	+13·561	− 3	...	...
...	53·832	−36·618	− 3	...	...
...	+53·861	−41·191	− 2	...	...
...	53·932	+14·376	− 3	...	...
...	54·211	+18·098	0·75	45.6874	10·2
...	54·278	−23·359	− 4	...	...
*	54·968	+34·123	2·00	45.6875	8·8
		461–482			
461					
*	+55·091	−10·137	1·00	46.6842	9·8
...	55·771	+ 2·450	− 2	...	...
*	55·789	+46·165	1·30	45.6876	9·8
...	55·807	+48·214	− 5	...	...
...	55·866	+ 6·046	− 5	*m*	...
...	+56·716	+10·211	− 3	...	...
...	56·839	+ 0·718	− 3	...	...
...	57·153	− 7·506	0·85	46.6843	10·0
*	57·278	+18·560	1·25	45.6877	9·2
...	57·425	−42·674	− 5	...	...
471					
...	+57·524	−16·195	− 5	...	...
...	57·729	+48·768	0·80	45.6878	10·0
...	57·856	+20·059	− 5	...	...
N *	58·309	+20·146	2·20	45.6879	8·4
...	58·324	−22·788	− 5	...	...
*	+58·529	− 4·657	1·15	45.6880	9·4
...	58·590	−14·331	0·80	...	...
...	58·660	−33·655	− 4	...	...
...	58·966	− 2·112	− 4	...	...
...	59·041	+33·078	− 5	...	...
481					
...	+59·057	− 0·032	− 5	*m*	...
S *	59·312	+59·485	2·20	44.6828	8·9

408. Image faulty.
434, 435. 46·88, mass; 47°·87, two stars.
474, Brighter of double.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−5.	No.	Mag.
1–60					
1	′	′		°	
†	−59·974	+48·299	0·95	45.6872	9·6
*	59·603	−23·972	1·00	46.6829	9·6
...	59·318	− 1·075	0·80	45.6871	9·8
...	59·254	−37·561	1·00	46.6830	9·8
...	59·146	−12·598	− 4	...	...
...	−58·578	−40·563	1·00	46.6831	9·8
...	58·250	+18·021	− 5	...	...
...	57·910	−35·888	− 5	...	...
...	57·879	+52·905	− 5	...	...
...	57·454	+ 1·552	− 5	E	...
11					
...	−57·441	−52·527	− 2	46.6832	10·2
...	57·402	+56·694	0·70	44.6817	10·0
...	57·157	−47·032	0·85	46.6833	10·0
...	56·718	+12·698	− 5	E	...
...	56·564	−18·175	− 5	...	...
...	−56·439	−15·161	− 2	...	...
...	56·272	− 0·097	− 5	E	...
N*	55·170	−26·658	1·05	46.6835	9·6
...	54·699	−33·491	− 4	...	...
...	54·396	−35·770	− 5	...	...
21					
S*	−54·077	−38·080	2·95	46.6838	7·6
...	54·041	+14·556	− 4	...	...
*	53·894	−54·753	1·40	46.6836	9·4
...	53·755	−53·972	0·75	46.6837	10·0
...	53·436	+ 7·004	− 5	...	...
...	−53·435	− 3·997	− 3	...	...
...	53·401	+16·400	− 5	...	...
*	53·011	+43·369	1·25	45.6873	9·0
...	51·210	−45·621	0·75	46.6839	10·2
...	51·125	+13·590	− 3	...	...
31					
...	−51·108	−40·237	0·95	46.6840	9·6
...	50·749	+14·417	− 4	...	...
...	50·582	+18·150	0·65	45.6874	10·2
*	50·321	+34·183	1·70	45.6875	8·8
...	50·247	−25·713	− 5	...	...
...	−49·941	+48·299	− 5	...	...
*	49·896	+46·248	1·00	45.6876	9·8
...	49·255	−36·557	− 4	...	...
...	49·219	−23·286	− 4	...	...
...	49·064	−41·125	− 3	...	...
41					
*	−48·818	−10·053	0·85	46.6842	9·8
...	48·543	+ 2·555	− 3	...	...
...	48·160	−16·036	− 5	...	...
...	48·039	+48·913	0·70	45.6878	10·0
...	47·841	+10·347	− 3	...	...
*	−47·535	+18·704	1·10	45.6877	9·2
...	47·413	+ 0·861	− 4	...	...
...	47·010	+20·213	− 5	...	...
...	46·850	− 7·363	0·75	46.6843	10·0
S*	46·777	+59·673	1·80	44.6828	8·9
51					
... [	−46·623	+20·391	− 2	...	...
* [	46·543	+20·330	1·90	45.6879	8·4
...	46·239	+33·275	− 5	...	...
...	46·196	−16·032	− 3	...	...
*	45·559	− 4·472	1·10	45.6880	9·4
...	−45·468	−42·499	− 4	...	...
...	45·205	− 1·921	− 3	...	...
...	45·204	−22·594	− 4	...	...
...	45·193	−14·125	0·75	...	...
...	44·659	+ 6·658	− 5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−5.	No.	Mag.
61–120					
61	′	′		°	
...	−44·530	−33·435	− 4	...	...
...	43·892	+ 3·005	− 3	...	...
...	43·868	−17·199	0·70	46.6844	10·2
...	43·794	+19·803	− 5	A	...
...	43·383	−27·722	0·85	46.6845	10·0
*	−43·043	+15·823	1·00	45.6881	9·4
...	43·002	−30·862	0·65	46.6846	10·2
...	42·943	−41·609	− 2	...	...
...	42·818	−27·789	− 4	...	...
...	42·634	+48·057	− 5	...	...
71					
...	−42·616	−51·065	0·90	46.6847	9·8
...	42·410	+54·043	− 4	...	...
...	42·353	−24·284	− 5	...	...
...	42·200	−18·910	− 3	...	...
...	41·862	+ 4·811	− 4	...	...
...	−41·193	+41·997	− 3	...	...
*	40·787	− 1·904	0·95	45.6882	9·8
...	40·198	−39·968	− 1	46.6849	10·0
...	40·005	−20·134	− 4	...	...
...	39·816	−45·855	− 4	...	...
81					
...	−39·671	+11·253	− 1	45.6883	10·2
*	39·445	−31·206	0·90	46.6850	9·8
...	39·117	−58·834	− 3	...	...
...	38·995	−36·386	− 4	...	...
*	38·774	+ 5·829	1·20	45.6884	9·6
...	−38·663	+34·231	− 3	...	...
*	38·420	−15·751	1·80	46.6854	8·4
...	38·283	−43·610	0·65	46.6852	10·2
S*	38·125	−45·751	2·00	46.6853	8·2
...	37·444	+10·570	− 2	45.6885	10·2
91					
...	−37·144	+46·425	− 5	...	...
*	37·032	−36·772	1·50	46.6855	9·0
...	36·167	+ 4·397	− 4	...	...
...	36·093	+ 1·000	− 3	...	...
...	36·010	− 2·956	− 2	...	...
...	−35·971	−21·086	− 1	46.6856	10·2
*	35·932	+16·364	1·00	45.6886	9·4
...	35·366	+57·882	− 2	44.6836	10·2
†	35·112	+16·920	− 4	...	...
...	34·620	+49·032	− 1	45.6887	10·2
101					
...	−34·570	−46·794	0·95	46.6857	9·8
...	34·279	+44·034	0·70	45.6888	10·2
...	33·901	− 9·305	− 1	...	...
...	33·591	−29·750	− 5	...	...
...	33·160	+50·716	− 3	...	...
*	−32·046	−28·484	1·00	46.6858	9·8
...	31·813	−51·294	− 4	...	...
...	31·696	+59·065	− 3	...	...
*	31·387	−48·208	1·00	46.6859	9·8
...	31·130	−39·832	0·90	46.6860	9·8
111					
...	−30·732	+ 0·199	0·70	45.6889	10·2
*	30·701	+40·841	1·10	45.6890	9·4
*	30·437	+30·117	1·20	45.6892	9·4
...	30·201	+ 8·035	− 2	45.6891	10·2
...	29·443	−36·557	− 2	...	...
...	−28·936	− 2·084	− 5	...	...
...	28·842	−36·264	− 5	...	...
*	28·669	−19·216	2·00	46.6861	8·2
...	28·615	+27·743	0·75	45.6893	10·2
...	28·571	+33·985	0·85	45.6894	10·2

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−5.	No.	Mag.
121–180					
121	′	′		°	
S*	−27·881	− 1·500	2·40	45.6895	8·0
...	27·445	−27·773	− 5	...	...
...	27·230	− 5·315	− 4	...	...
...	26·855	+45·842	0·90	45.6896	10·2
*	26·164	+ 0·332	1·40	45.6897	9·0
...	−26·012	+53·143	− 4	...	...
...	25·680	+32·860	0·90	45.6898	9·8
‡	25·195	+54·609	1·30	44.6844	9·0
...	24·985	−34·174	− 5	...	...
...	23·891	+17·545	− 2	...	...
131					
...	−23·526	− 2·295	− 3	...	...
...	22·789	−44·940	− 2	...	...
...	22·523	−22·542	0·65	46.6862	10·2
...	22·444	−53·796	− 2	...	...
...	21·096	+26·500	− 4	...	...
...	−20·785	+10·736	− 3	...	...
...	20·729	−59·623	0·90	46.6863	10·0
S*	20·700	+ 8·073	2·90	45.6899	7·8
...	20·481	+25·183	0·90	45.6900	9·8
...	19·919	+33·409	− 4	...	...
141					
...	−19·428	+39·720	− 5	...	...
...	19·276	−35·680	− 5	...	...
...	19·252	+ 0·643	− 5	B	...
...	18·339	− 6·870	− 2	46.6864	10·2
*	17·805	+16·564	1·40	45.6902	8·9
...	−17·740	+12·513	− 5	...	...
*	17·712	− 5·658	0·90	45.6901	9·4
...	17·451	−21·808	− 3	...	...
...	17·382	+57·016	− 3	...	...
...	17·320	−53·488	− 3	...	...
151					
...	−17·220	−38·018	− 2	46.6865	10·2
*	17·101	+26·551	1·20	45.6903	9·2
†	16·725	+39·898	− 4	...	...
*	15·422	−58·526	1·25	46.6866	9·4
...	15·414	−40·905	− 3	...	...
...	−14·590	−31·939	− 4	...	...
...	14·504	+29·690	− 3	45.6905	10·2
*	14·311	− 1·402	3·30	45.6904	7·2
...	13·879	− 1·129	− 4	...	...
...	13·788	+31·998	− 5	...	...
161					
...	−13·524	+ 4·137	− 5	...	...
...	13·150	+32·142	− 3	45.6907	10·2
...	13·024	+ 2·923	− 2	45.6906	10·2
...	12·396	−28·916	− 4	46.6867	10·2
...	12·339	−20·623	− 2	...	...
†	−12·255	−59·804	− 4	...	...
...	11·906	+39·649	− 2	45.6908	10·2
...	11·558	+17·727	0·65	45.6909	10·0
...	11·437	+35·265	− 5	...	...
S*	11·290	+26·891	2·00	45.6910	8·3
171					
...	−10·516	+57·996	− 4	...	...
...	9·861	+32·072	0·80	45.6911	9·8
*	9·406	−28·366	0·95	46.6868	9·8
...	9·117	+40·072	− 2	45.6912	10·2
...	8·828	+37·627	− 5	...	...
...	− 8·785	+19·661	− 3	45.6913	10·2
N* [	8·439	−14·815	1·00	46.6869	8·0
N‡ [	8·338	−14·849	1·80		
...	8·384	+13·188	0·65	45.6914	10·2
...	8·241	−22·058	− 5	...	...

ES measured from 1, 140, 277.
MC „ „ 79, 218, 345.

18. Mass, 46°·87, 47°·87, two stars.
177, 178. 47°·87, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
181–240					
181					
*	− 8′·039	+49′·190	2·20	45.6915	8·4
...	8·031	−32·293	− 2	46.6870	10·2
...	7·802	+40·742	− 4	...	...
S *	7·663	−22·659	2·80	46.6871	7·8
*	7·466	−38·132	1·40	46.6872	8·7
...	− 7·119	−57·547	− 5	...	...
...	6·960	+42·605	− 5	...	...
*	6·809	−50·116	1·00	46.6874	9·6
*	6·763	+31·286	1·05	45.6916	9·4
...	6·436	+ 4·231	0·70	45.6917	10·0
191					
*	− 6·412	− 0·442	1·80	45.6918	8·8
...	6·174	+58·538	− 5	...	...
...	5·991	+ 9·297	− 4	...	...
...	5·935	+19·652	− 4	...	...
...	5·898	+26·138	− 3	45.6919	10·2
...	− 5·814	+37·554	− 3	...	...
...	5·711	−35·692	− 4	...	...
...	5·440	−45·568	− 3	...	...
...	4·707	− 0·148	− 5	...	...
...	4·467	+37·520	− 5	M	...
201					
...	− 4·295	+14·061	− 5	...	...
...	4·151	−12·403	− 3	...	...
...	4·011	+ 6·789	− 2	45.6920	10·2
...	3·982	−10·695	− 2	...	...
...	3·900	+52·558	− 3	...	...
...	− 3·500	− 2·659	− 5	...	...
...	3·034	−25·869	− 5	...	...
...	2·918	−40·785	− 5	...	...
...	2·820	+54·778	− 3	...	...
...	2·514	−26·734	− 4	...	...
211					
*	− 2·426	+11·479	4·00	45.6921	7·4
...	2·225	−54·654	− 4	...	...
...	2·033	−47·350	− 5	...	...
*	1·069	−46·154	1·05	46.6876	9·4
...	1·025	−22·851	− 5	...	...
...	− 0·839	−54·679	− 1	46.6877	10·2
...	− 0·492	+34·061	− 3	...	...
...	+ 0·219	+16·031	− 5	...	...
...	0·727	+29·062	− 4	...	...
*	1·696	−41·796	1·00	46.6878	9·6
221					
...	+ 2·110	−19·163	− 5	...	...
...	2·995	−44·243	0·90	46.6879	10·0
...	3·381	+53·768	− 4	...	...
...	3·800	+ 7·481	0·75	45.6922	10·0
...	4·055	−15·184	− 1	46.6880	10·2
...	+ 4·148	+58·177	− 1	44.6864	10·2
*	4·299	−37·898	1·10	46.6881	9·4
*	4·676	−40·645	1·30	46.6882	9·0
*	5·343	+33·574	1·50	45.6923	8·8
...	5·395	−54·292	− 3	...	...
231					
...	+ 5·545	+18·095	− 3	45.6924	10·2
*	5·586	−34·763	1·90	46.6883	8·5
...	5·984	+48·361	0·95	45.6925	9·8
...	6·745	+29·542	− 1	45.6926	10·2
...	6·845	−21·374	0·75	46.6884	10·0
...	+ 7·306	−25·411	− 2	...	...
*	7·375	+44·637	0·95	45.6927	9·8
*	8·194	+18·152	4·40	45.6929	7·5
*	8·339	+18·426	2·00	45.6928	8·2
†	8·524	−44·939	0·65	46.6885	10·2
241–300					
241					
...	+ 8′·584	+48′·707	− 2	...	...
...	8·647	+31·781	− 5	...	...
*	9·267	+ 6·317	1·20	45.6930	9·4
...	9·474	−15·956	− 5	...	...
...	10·342	−49·982	− 1	46.6886	10·2
...	+11·736	+32·397	− 2	...	...
...	12·037	−58·267	− 5	...	...
...	12·577	+25·706	− 4	*a*	...
...	13·637	+50·108	− 1	45.6931	10·2
†	13·828	−44·855	− 2	46.6887	10·2
251					
...	+13·960	−51·277	0·75	46.6888	10·0
...	14·030	+ 8·953	0·85	45.6932	10·0
...	14·119	+39·993	− 5	...	...
†	14·783	+ 0·852	− 3	...	...
*	15·507	−26·758	1·30	46.6889	9·0
...	+15·784	+15·059	− 5	...	...
...	15·961	+31·204	− 3	...	...
S *	16·239	−56·916	1·80	46.6890	8·4
...	16·322	−25·906	− 5	...	...
...	16·535	−37·931	− 5	...	...
261					
...	+16·684	+ 7·554	− 3	45.6933	10·2
...	16·730	+27·407	− 4	...	...
...	16·835	− 5·756	− 4	...	...
...	17·192	+54·584	− 5	...	...
...	17·282	+33·179	− 3	...	...
*	+17·546	+33·778	3·00	45.6934	7·6
...	17·838	+ 6·029	− 4	...	...
*	18·688	−11·753	1·00	46.6891	9·6
*	18·845	+ 2·679	1·30	45.6935	9·2
*	19·056	− 2·024	0·95	45.6936	9·8
271					
*	+19·345	− 0·790	1·40	45.6938	9·2
...	19·364	+34·339	0·90	45.6937	9·6
*	19·380	−23·494	1·40	46.6893	9·2
...	19·402	−18·022	0·85	46.6892	9·8
...	19·493	− 6·372	− 4	...	...
*	+19·618	−37·773	1·10	46.6894	9·4
...	20·323	+50·229	− 5	...	...
...	21·392	+50·755	− 2	...	...
...	21·815	+27·829	− 5	...	...
...	22·028	+43·882	− 5	...	...
281					
...	+22·217	−28·582	− 3	...	...
*	22·235	+ 7·759	1·00	45.6939	9·4
...	22·292	+18·588	− 4	...	...
...	22·387	−58·401	− 5	...	...
*	22·935	−14·004	1·20	46.6895	9·0
...	+23·812	−53·330	0·75	46.6897	10·0
...	23·852	+56·809	− 4	44.6880	10·2
...	23·933	+30·264	− 2	45.6940	10·2
...	24·144	−23·411	− 4	...	...
*	24·173	−16·351	0·95	46.6896	9·6
291					
...	+24·311	+21·101	− 5	...	...
...	24·396	−43·639	− 5	...	...
...	24·631	+36·725	− 5	...	...
†	24·745	+51·883	− 5	...	...
...	25·379	−30·623	− 4	...	...
...	+25·594	− 9·460	0·70	46.6898	10·0
...	26·029	−39·737	− 5	...	...
...	26·379	+26·440	0·65	45.6942	10·2
...	26·547	+33·204	− 3	45.6941	10·2
S *	27·215	− 8·861	3·90	46.6899	7·0
301–360					
301					
*	+27′·278	−40′·131	1·00	46.6900	9·6
...	27·744	+16·698	− 5	...	...
...	28·273	−25·538	− 5	...	...
...	28·610	−16·818	− 5	...	...
...	29·192	+20·788	− 3	45.6943	10·2½
...	+29·437	−11·288	− 2	46.6901	10·2
...	30·052	+ 4·809	0·65	45.6944	10·2
...	30·366	+45·659	− 5	...	...
...	30·540	−31·571	− 3	...	...
...	30·555	+21·289	− 4	...	...
311					
...	+30·830	+48·950	− 5	...	...
...	31·298	−27·044	− 3	...	...
S *	31·639	+ 7·842	1·80	45.6945	8·4
...	32·196	−59·433	− 3	46.6902	10·2
...	32·636	−13·633	− 5	...	...
...	+33·070	+52·993	− 5	...	...
...	33·649	− 9·768	− 5	...	...
...	33·826	+13·823	0·65	45.6946	10·0
...	34·210	−12·191	− 5	...	...
...	34·644	+47·539	− 4	...	...
321					
...	+34·825	+ 9·634	− 5	...	...
...	35·035	−35·927	− 5	...	...
...	35·112	−45·212	− 3	...	...
...	35·195	+18·440	− 3	45.6947	10·2
...	35·598	+39·545	− 3	45.6948	10·2
...	+35·955	−41·083	− 5	...	...
...	36·029	−19·539	− 3	46.6903	10·2
...	36·427	+42·183	− 4	...	...
*	36·568	+41·106	2·50	45.6949	7·8
...	36·804	−52·652	− 5	...	...
331					
...	+37·369	−43·206	− 2	46.6904	10·4
...	37·514	+11·030	− 4	...	...
...	37·692	+14·640	− 4	45.6950	10·2
...	37·898	−12·084	− 3	46.6905	10·4
...	37·993	−54·996	− 4	...	...
*	+38·386	+47·908	1·15	45.6951	9·4
...	38·430	+29·141	0·65	45.6952	10·0
...	38·553	−19·525	− 5	...	...
...	38·733	− 9·905	0·65	46.6906	9·8
S *	38·785	+52·931	2·00	45.6953	8·2
341					
...	+38·833	−54·735	− 5	...	...
...	39·178	−35·993	− 5	...	...
†	39·639	−45·073	− 5	...	...
‡	39·660	+38·044	3·40	45.6954	7·1
...	40·065	+22·796	− 2	...	...
...	+40·148	−42·196	− 4	...	...
...	40·336	−44·133	− 3	46.6907	10·4
...	40·857	−43·268	0·90	46.6908	9·8
...	41·532	+24·461	− 2	45.6955	10·4
*	41·646	−37·139	1·00	46.6909	9·6
351					
...	+42·510	−18·072	− 2	46.6910	10·4
...	42·624	−11·053	− 2	46.6911	10·2
...	42·847	− 0·883	− 5	...	...
...	42·960	−19·262	− 5	*a*	...
...	43·062	+41·184	− 1	45.6956	10·0
...	+43·698	+47·438	0·75	45.6957	9·8
...	44·085	− 1·845	− 2	45.6958	10·4
...	44·290	−31·727	− 2	46.6913	10·4
...	45·131	−38·110	0·95	46.6915	9·7
...	48·134	+ 7·865	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
361–380					
361					
...	+48·142	−55·954	− 4	46.6916	10·2
...	48·343	−29·016	5	...	...
...	48·459	+ 1·106	− 1	45.6959	10·2
...	48·835	−22·512	0·75	46.6918	9·8
...	48·997	− 7·028	− 3	46.6917	10·0
N	+49·185	+57·344	1·00	44.6899	9·4
*	49·592	+43·127	1·20	45.6960	9·1
...	49·953	+37·510	0·65	45.6961	10·0
...	50·011	+56·822	0·95	44.6900	9·6
...	50·210	−44·343	− 3	46.6920	10·4
371					
...	+50·575	+47·207	− 5	...	...
...	51·104	−35·085	0·90	46.6921	9·8
...	51·696	−39·359	− 3	...	...
...	51·974	−42·582	− 2	46.6923	10·4
...	52·024	−24·097	− 3	46.6922	10·4
...	+52·457	− 8·900	− 5	...	...
...	53·164	+27·543	− 4	45.6962	10·4
*	53·190	−51·163	1·90	46.6926	7·7
*	53·286	−21·491	1·10	46.6924	9·4
...	53·392	+22·436	− 4	...	...
381–400					
381					
...	+53·460	−16·434	0·90	46.6925	9·8
...	53·717	− 0·815	− 4	...	...
...	53·952	−34·811	− 3	...	...
...	53·999	+29·958	− 4	...	...
*	54·053	−57·941	8·00	46.6927	3·5
...	+54·077	+46·641	0·80	45.6963	9·8
n	54·168	+ 8·633	− 2	45.6964	9·3
...	54·181	−43·594	− 5	...	...
n *	54·221	+ 8·568	1·10	45.6964	9·3
...	55·093	−51·495	− 1	46.6928	9·8
391					
...	+55·945	+42·462	0·90	45.6965	9·8
...	56·151	−44·480	− 1	46.6930	10·2
*	56·319	−51·563	1·20	46.6931	9·4
...	56·686	−24·024	− 2	46.6932	10·2
S *	56·846	+ 7·367	2·90	45.6967	7·4
...	+57·324	+33·221	− 3	45.6966	10·4
...	57·834	−51·412	− 1	46.6934	9·8
...	57·949	+28·046	− 4	...	...
*	59·150	−54·306	1·30	46.6937	9·3
...	59·284	−50·120	− 2	46.6938	10·0
401					
401					
‡	+59·576	+39·274	1·20	45.6968	9·2

366. Mass. 45°·88, 46°·89, two stars.
387, 389. C.P.D., probably mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
1–30					
1					
†	−59·947	− 8·503	− 5	...	...
...	59·860	− 1·681	− 4	M	...
...	59·760	+54·316	− 5	...	...
...	59·634	+37·718	− 5	M	...
...	59·143	+43·490	− 5	M	...
...	−59·044	+38·706	− 5	M	...
...	58·962	+13·466	− 4	M	...
...	58·953	−31·969	− 1	46.6913	10·4
*	57·906	−38·316	1·10	46.6915	9·7
N	56·897	+57·180	− 1		
11				44.6899	9·4
N *	−56·806	+57·241	1·20		
...	56·536	+43·707	− 4	...	...
...	56·338	+ 7·727	− 2	...	...
...	56·125	+17·986	− 3	B	...
...	56·022	−41·443	− 5	M	...
*	−55·985	+56·714	1·20	44.6900	9·6
*	55·979	+43·018	1·40	45.6960	9·1
..	55·966	+ 6·434	− 5	M	...
...	55·819	−36·147	− 4	...	...
...	55·811	+ 0·984	0·85	45.6959	10·2
21					
...	−55·447	+37·418	0·90	45.6961	10·0
...	55·360	−44·684	− 5	M	...
...	55·137	+47·122	− 3	...	...
...	55·049	+ 7·177	− 4	M	...
†	55·025	− 7·126	0·80	46.6917	10·0
†	−54·997	−29·113	− 4	...	...
*	54·699	−22·596	0·95	46.6918	9·8
...	54·411	+50·019	− 3	...	...
...	54·342	−56·047	− 3	46.6916	10·2
...	54·150	+44·719	− 5	...	...
31–60					
31					
...	−53·966	+58·390	− 5	...	...
...	53·855	+17·694	− 5	M	...
...	52·636	−44·387	0·80	46.6920	10·4
...	52·104	+13·563	− 5	M	...
*	52·037	−35·095	1·30	46.6921	9·8
...	−51·935	+27·556	0·65	45.6962	10·4
...	51·857	−20·330	− 5	M	...
...	51·838	−52·463	− 4	...	...
*	51·604	+46·675	1·00	45.6963	9·8
...	51·547	+22·467	− 2	...	...
41					
...	−51·506	− 8·883	− 3	...	...
*	51·461	−24·093	0·85	46.6922	10·4
...	51·398	+54·565	− 5	...	...
...	51·320	−39·351	− 2	...	...
...	51·220	+34·741	− 3	C	...
...	−51·182	+29·988	0·75	...	...
...	50·953	+24·037	− 4	M	...
...	50·924	−42·573	0·80	46.6923	10·4
...	50·512	− 0·769	− 3	...	...
n	50·356	+ 8·685	− 3	45.6964	9·3
51					
*	−50·288	−21·459	1·20	46.6924	9·4
n *	50·283	+ 8·622	1·00	45.6964	9·3
*	50·275	−16·389	1·10	46.6925	9·8
...	49·933	−15·013	− 5	M	...
...	49·711	+31·445	− 5	M	...
*	−49·619	+42·554	1·10	45.6965	9·8
...	49·541	+ 8·510	− 5	M	...
*	49·435	−51·104	2·10	46.6926	7·7
...	49·230	−51·796	− 5	M	...
...	49·208	−34·740	− 1	...	...
61–90					
61					
...	−49·028	−51·001	− 5	...	...
...	48·695	−43·510	− 2	...	...
*	48·361	−57·862	9·00	46.6927	3·5
...	48·117	+14·579	− 4	M	...
...	47·956	+33·367	0·65	45.6966	10·4
...	−47·831	−51·642	− 5	...	...
...	47·707	+29·624	− 4	A	...
S *	47·609	+ 7·512	2·90	45.6967	7·4
...	47·543	−51·383	0·90	46.6928	9·8
...	47·421	+41·798	− 3	...	...
71					
...	−47·388	−52·702	− 5	...	...
...	47·376	−29·806	− 3	...	...
...	47·173	+28·206	0·65	...	...
...	47·168	+ 4·197	− 3	...	...
...	46·818	−23·871	0·75	46.6932	10·2
...	−46·705	−44·327	0·90	46.6930	10·2
...	46·606	+11·637	− 2	...	...
...	46·477	−24·390	− 5	M	...
...	46·387	−16·821	− 4	...	..
...	46·332	+28·976	− 3	A	...
81					
*	−46·311	−51·412	1·40	46.6931	9·4
*	45·875	+39·492	1·40	45.6968	9·2
...	45·604	−19·959	− 4	...	...
...	45·372	−32·659	− 4	...	...
...	45·119	+28·960	− 5	M	...
...	−44·857	+ 7·569	− 5	M	...
...	44·826	− 7·241	− 4	...	...
*	44·799	−51·191	1·05	46.6934	9·8
...	44·688	−59·166	− 5	..	...
*	44·137	+ 4·814	1·40	45.6969	9·2

MC measured from 1, 207, 443, 681.
ES ,, ,, 86, 332, 552, 798.

10,11. 45°·88, two stars; 46°·88, mass.
50,52. C.P.D., probably mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
91–150					
91	′	′		°	
…	−44·058	− 1·963	− 5	M	…
…	44·019	−13·384	− 2	…	…
…	43·767	+34·860	− 3	…	…
…	43·580	−23·756	− 1	…	…
…	43·538	+12·169	− 5	M	…
*	−43·396	−54·051	1·20	46.6937	9·3
*	43·391	−49·859	0·95	46.6938	10·0
…	43·337	+11·600	− 5	M	…
…	43·205	− 8·902	− 5	M	…
…	43·177	+22·188	− 4	…	…
101					
…	−43·014	+53·338	− 5	M	…
…	42·862	−33·569	− 1	…	…
*	42·781	+15·797	0·90	45.6970	10·0
…	42·582	−47·673	− 5	M	…
…	42·447	−39·850	− 1	…	…
*	−42·219	−19·725	1·80	46.6939	8·7
…	41·733	−22·766	− 3	…	…
…	41·525	+48·767	− 1	…	…
…	41·503	−39·867	− 4	A	…
…	41·163	+28·950	− 5	M	…
111					
…	−41·076	+48·524	− 1	…	…
…	40·991	+32·030	− 5	M	…
…	40·717	+28·261	− 5	M	…
…	40·670	+19·273	− 4	M	…
…	40·607	−26·381	− 5	M	…
…	−40·404	−35·300	− 5	…	…
…	40·351	−12·989	− 3	…	…
…	40·306	− 0·315	− 4	M	…
…	40·218	+24·343	− 5	M	…
*	40·138	+30·585	0·90	45.6972	9·8
121					
‡	−40·135	−47·957	1·05	46.6940	9·8
…	39·962	− 2·100	0·75	45.6971	10·2
…	39·960	−44·224	− 3	…	…
…	39·851	+54·393	− 3	…	…
…	39·759	+ 8·003	− 3	…	…
*	−39·671	+49·574	2·30	45.6973	8·2
…	39·306	−20·528	− 2	…	…
…	39·254	−51·847	− 1	…	…
…	39·170	−41·779	− 5	M	…
…	38·996	+ 1·071	− 5	M	…
131					
…	−38·783	−58·740	0·85	46.6941	10·0
…	38·777	+20·202	− 4	B	…
†	38·765	+20·295	− 2	45.6974	10·2
…	38·763	−19·761	− 5	M	…
…	38·486	−37·530	0·85	46.6942	10·2
…	−38·483	−40·302	− 5	…	…
…	38·239	− 4·468	− 5	M	…
…	38·115	+39·382	− 5	M	…
*	38·055	− 0·697	0·80	45.6975	10·0
…	37·954	− 6·945	− 4	…	…
141					
…	−37·844	+39·212	− 5	M	…
…	37·765	+37·083	− 4	B	…
*	37·673	+38·528	0·95	45.6976	9·8
*	37·364	+39·496	1·20	45.6977	9·3
…	37·266	−46·635	− 1	…	…
…	−37·135	−33·974	− 3	…	…
…	37·055	−38·180	0·65	…	…
…	36·855	−41·209	− 3	…	…
…	36·764	+48·439	− 5	M	…
…	36·665	+27·652	0·70	45.6979	10·4
151–210					
151					
…	−36·623	+55·956	− 4	A	…
…	36·514	+15·598	− 2	…	…
…	36·473	− 3·512	0·65	45.6978	10·4
*	36·448	−21·532	0·95	46.6944	9·8
…	36·417	−12·687	− 4	…	…
…	−36·337	−43·695	− 5	M	…
…	36·308	+18·740	− 4	…	…
*	36·289	−39·228	0·95	46.6945	10·0
…	36·172	+ 2·263	− 4	M	…
…	36·050	−27·204	0·70	46.6946	10·4
161					
…	−35·953	+20·710	0·70	45.6980	10·2
…	35·925	+47·302	− 4	…	…
…	35·820	−30·765	− 4	…	…
…	35·538	+52·323	− 5	M	…
…	35·417	−38·331	− 4	…	…
…	−35·411	−47·044	0·65	46.6947	10·4
…	35·403	−46·270	− 4	A	…
…	35·178	−57·296	− 2	…	…
…	35·104	+ 3·577	− 5	M	…
…	34·742	+12·160	− 4	M	…
171					
…	−34·624	−25·097	− 5	…	…
…	34·282	+10·209	− 4	…	…
…	34·213	−15·089	− 3	…	…
…	33·864	−14·999	− 5	M	…
…	33·797	−36·469	− 5	M	…
…	−33·582	−14·112	0·65	46.6948	10·4
…	33·409	+58·965	− 2	…	…
…	33·337	−18·057	− 3	…	…
…	33·228	+51·962	0·65	…	…
…	33·069	−46·594	0·65	…	…
181					
…	−32·992	+12·570	− 4	…	…
…	32·914	−20·235	− 5	M	…
*	32·811	−24·270	1·20	46.6951	9·6
*	32·799	−40·938	1·25	46.6949	9·6
*	32·785	−11·889	1·80	46.6952	8·7
…	−32·676	−13·646	− 5	M	…
…	32·607	−37·119	0·90	46.6950	9·9
…	32·605	−49·591	− 4	…	…
*	32·537	+47·529	0·95	45.6982	9·8
…	32·486	−25·433	− 5	M	…
191					
…	−32·312	+27·868	− 4	A	…
…	32·299	+57·558	− 1	…	…
Sα*	32·074	− 0·210	1·70	45.6981	8·6
…	31·956	−38·814	0·85	46.6953	9·9
…	31·912	+26·666	− 4	A	…
…	−31·496	+41·103	− 5	…	…
…	31·096	+55·104	− 5	M	…
…	30·679	+ 0·506	0·70	45.6983	10·2
…	30·671	+50·981	0·65	…	…
…	30·527	+40·558	− 5	M	…
201					
…	−30·446	+25·200	− 4	…	…
…	30·415	−51·883	− 3	…	…
*	30·347	+18·993	1·20	45.6985	9·4
*	30·218	−29·100	0·90	46.6954	9·9
…	30·167	− 3·035	0·65	45.6984	10·4
…	−30·105	+32·317	0·75	45.6986	10·4
…	29·975	+ 5·568	− 2	…	…
…	29·878	− 9·407	− 5	M	…
…	29·605	−29·061	− 5	M	…
*	29·566	+52·342	1·00	45.6987	9·9
211–270					
211					
…	−29·507	+ 9·510	− 5	M	…
…	29·474	−35·164	0·90	46.6955	10·0
…	29·377	−57·442	−3	…	…
…	29·376	+ 6·899	− 1	…	…
…	29·253	− 6·705	− 4	…	…
…	−29·206	−57·961	− 1	46.6956	10·2
…	29·186	−42·161	− 3	…	…
…	29·154	−23·028	− 3	…	…
…	28·924	−24·403	− 5	M	…
…	28·474	− 3·293	0·75	45.6988	10·4
221					
…	−28·435	+13·946	− 5	M	…
*	28·219	+15·621	0·85	45.6989	9·9
…	28·200	−23·494	− 1	…	…
…	28·103	−17·384	− 5	M	…
…	28·076	−23·157	− 5	M	…
…	−28·071	−27·566	− 3	…	…
…	27·896	−15·322	− 2	…	…
…	27·882	−40·239	− 4	…	…
…	27·701	−55·670	− 2	…	…
…	27·600	+51·608	− 5	M	…
231					
…	−27·556	+10·653	− 4	M	…
…	27·540	−48·425	− 1	46.6957	10·4
…	27·471	−19·693	− 5	M	…
…	27·381	−26·748	− 1	…	…
…	26·985	−51·498	− 2	…	…
…	−26·912	−40·412	− 4	…	…
…	26·714	+23·988	− 5	M	…
…	26·678	−26·145	− 4	A	…
…	26·528	−42·098	− 5	M	…
…	26·450	−41·947	0·90	46.6958	10·2
241					
…	−26·377	−18·655	− 4	…	…
…	26·183	+59·109	− 5	M	…
…	26·182	−43·202	− 5	M	…
…	26·172	+56·316	− 5	M	…
*	25·953	−14·231	0·90	46.6962	10·0
…	−25·913	+18·287	− 4	M	…
…	25·862	+28·794	− 3	…	…
…	25·825	−54·647	0·85	46.6960	10·2
…	25·588	+32·902	− 5	M	…
*	25·491	−49·880	1·40	46.6961	9·4
251					
…	−25·478	+21·259	− 5	M	…
…	25·460	−16·965	− 5	M	…
…	25·358	−39·385	− 2	…	…
…	25·334	−35·042	− 3	…	…
‡	25·061	+44·767	0·90	45.6990	9·8
…	−24·998	−36·386	− 1	…	…
…	24·858	−44·752	− 5	…	…
…	24·856	+48·686	0·85	45.6991	10·0
…	24·628	+12·599	− 5	M	…
*	24·575	−20·753	0·95	46.6963	9·8
261					
*	−24·434	−33·387	1·00	46.6964	9·7
…	24·326	− 9·535	− 4	…	…
…	24·244	+ 3·781	− 4	M	…
*	23·922	−56·946	1·10	46.6965	9·9
…	23·269	+19·153	− 4	…	…
…	−23·265	−33·360	− 4	M	…
…	23·214	−41·401	− 1	46.6966	10·4
…	23·077	+49·316	0·65	45.6992	10·2
…	23·027	+20·939	− 4	…	…
…	22·934	−46·406	0·75	46.6967	10·4

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
271-330					
271					
*	−22′716	+51′068	0·90	45.6993	9·9
...	22·572	+47·770	− 4	A	...
...	22·363	−23·308	− 3	...	...
...	22·211	+17·528	− 1	...	...
...	22·196	−14·906	− 5	M	...
...	−21·887	−41·002	− 3	...	...
...	21·850	+ 4·822	− 4	M	...
...	21·752	+32·487	− 3	...	...
...	21·713	−58·946	− 3	...	...
...	21·674	+22·626	− 4	...	...
281					
...	−21·260	−39·076	− 1	...	...
*	21·137	+51·815	1·10	45.6994	9·8
...	21·116	−45·181	− 4	A	...
...	20·996	−45·491	− 4	...	...
...	20·777	−45·876	− 4	...	...
...	−20·712	+51·469	− 3	...	...
...	20·686	− 5·333	− 2	...	...
...	20·579	+19·277	− 4	...	...
...	20·373	+ 8·637	− 5	M	...
...	20·283	+39·432	0·85	45.6995	9·9
291					
*	−20·237	+58·363	1·30	44.6934	9·4
...	20·143	+ 8·955	− 4	...	...
†	20·127	+ 2·948	− 5	M	...
...	19·767	− 0·777	− 4	...	...
...	19·492	+13·929	− 2	...	...
...	−19·240	+ 5·532	− 5	M	...
...	19·088	− 5·089	− 5	M	...
*	18·794	−53·613	1·10	46.6968	9·7
*	18·591	−41·458	0·95	46.6969	9·8
*	18·218	−38·346	1·00	46.6970	9·6
301					
...	−18·141	+ 4·005	− 5	...	...
...	18·097	−46·682	− 3	...	...
...	18·054	+ 1·994	− 2	...	...
...	18·037	+20·719	− 5	M	...
...	18·036	+37·395	− 4	M	...
...	−17·990	−36·822	− 4	A	...
...	17·946	−49·139	− 5	M	...
*	17·884	+56·600	1·00	44.6935	9·7
...	17·377	+51·392	− 4	A	...
...	17·251	−10·441	− 4	...	...
311					
...	−16·895	− 5·614	− 4	...	...
*	16·545	−33·024	1·30	46.6971	9·3
...	16·522	+30·455	− 4	...	...
...	16·365	− 9·392	− 2	...	...
...	16·328	−45·914	− 4	...	...
...	−16·287	−57·651	− 3	...	...
...	16·272	+31·501	− 2	...	...
...	16·265	−11·898	− 4	...	...
*	16·172	−54·610	1·00	46.6973	9·8
α *	16·108	− 0·152	1·40	45.6996	9·3
321					
...	−16·102	−58·426	0·95	46.6972	9·9
...	16·000	+16·566	− 2	...	...
...	15·936	−46·264	− 4	...	...
...	15·855	−34·377	− 5	...	...
S *	15·797	−51·682	1·55	46.6974	9·1
...	−15·763	−15·631	− 4	A	...
...	15·689	−37·122	− 4	A	...
...	15·595	−14·769	− 4	...	...
...	15·329	+32·164	− 3	...	...
...	15·272	−37·575	− 5	M	...
331-390					
331					
...	−15′189	+51′960	− 4	B	...
†	15·078	− 4·223	− 4	...	...
*	14·569	+28·264	1·15	45.6997	9·2
...	14·557	+55·678	− 5	...	...
...	14·458	−23·507	− 5	M	...
...	−14·370	+34·838	− 5	M	...
...	14·237	+13·730	− 5	M	...
...	14·172	−19·206	− 2	46.6975	10·4
...	14·106	+ 3·798	0·70	45.6998	10·4
S *	14·063	+59·878	1·75	44.6941	8·9
341					
...	−13·890	+15·649	− 3	...	...
...	13·633	+24·984	− 4	...	...
...	13·267	−30·878	− 4	...	...
*	13·144	−40·782	1·60	46.6976	8·9
...	13·028	+44·803	− 5	M	...
...	−12·755	+16·170	0·70	45.6999	10·2
...	12·669	+30·414	− 3	...	...
...	12·643	+22·334	− 4	M	...
*	12·383	−18·910	0·90	46.6978	9·8
...	12·244	−28·028	− 5	...	...
351					
*	−12·040	+45·475	1·90	45.7000	8·7
...	11·863	−41·225	− 5	...	...
...	11·756	−39·180	− 5	M	...
*	11·646	+35·742	1·10	45.7001	9·7
...	11·290	−23·257	− 5	...	...
...	−11·288	−46·489	− 5	...	...
...	11·176	−13·693	− 5	...	...
...	11·082	+48·608	− 5	M	...
...	11·042	+32·389	− 1	...	...
...	10·318	+26·771	− 4	...	...
361					
...	−10·042	−33·509	− 2	...	...
...	9·551	+46·477	− 4	...	...
*	9·210	+15·201	1·30	45.7002	9·4
...	9·166	−56·079	− 5	M	...
...	9·126	− 1·578	− 5	M	...
...	− 9·109	+ 6·151	− 5	M	...
S *	9·096	−22·827	1·80	46.6979	8·4
...	8·960	+53·365	− 3	...	...
...	8·851	−32·850	− 5	M	...
...	8·820	−26·459	− 4	...	...
371					
...	− 8·803	+55·879	− 5	...	...
...	8·790	+45·114	− 2	...	...
...	8·703	+31·503	− 4	...	...
...	8·625	+45·840	− 4	B	...
S *	8·624	+32·586	1·95	45.7004	8·5
...	− 8·551	−45·713	− 5	*m*	...
...	8·513	−36·403	0·75	46.6980	10·2
...	8·455	+30·644	− 2	45.7003	10·4
...	8·121	−36·028	− 5	*m*	...
...	7·922	−35·376	− 5	M *m*	...
381					
...	− 7·637	+ 6·193	0·70	45.7005	10·0
...	7·587	−36·582	0·85	46.6981	10·0
...	7·545	+12·858	− 5	...	...
...	7·506	+27·819	− 5	M	...
...	7·325	−10·095	− 3	...	...
...	− 7·273	+25·061	− 5	M	...
...	7·251	+53·727	− 4	A	...
...	7·068	−48·224	− 1	...	...
...	6·940	+52·065	− 3	...	...
...	6·918	−15·156	− 5	M *m*	...
391-450					
391					
...	− 6′803	−58′366	− 5	M *m*	...
...	6·640	−34·775	− 2	...	...
α	6·628	+ 0·770	0·65	45.7006	10·2
...	6·276	−56·235	− 5	M *m*	...
*	6·210	−21·783	1·40	46.6982	9·1
...	− 6·205	+24·713	− 4	M	...
...	5·629	−47·838	− 5	M *m*	...
...	5·309	−22·451	− 4	...	...
...	5·302	+52·383	− 4	M	...
...	5·201	+22·311	0·80	45.7007	10·0
401					
...	− 4·906	+30·131	0·70	45.7008	10·0
...	4·877	−30·358	− 3	...	...
...	4·525	+38·216	− 5	M	...
...	4·425	−12·355	− 4	...	...
...	4·323	−29·881	− 5	M *m*	...
...	− 3·980	−19·267	0·65	...	...
*	3·893	−33·801	0·95	46.6984	9·8
...	3·884	−46·324	− 3	...	...
...	3·405	+26·751	− 2	...	...
...	3·296	−55·400	− 5	M *m*	...
411					
...	− 3·199	−11·003	− 5	M *m*	...
...	2·592	+22·448	− 5	M	...
...	2·494	+52·722	− 4	...	...
...	2·442	−34·483	− 5	*m*	...
*	2·370	−35·513	0·95	46.6985	9·8
*	− 2·314	+18·284	1·20	45.7009	9·6
...	2·298	−57·138	− 5	M *m*	...
...	2·279	+ 7·706	− 4	M	...
...	2·232	+49·996	− 2	...	...
...	2·082	−33·913	− 5	M *m*	...
421					
...	− 1·923	−17·040	− 5	...	...
*	1·835	+39·298	1·15	45.7010	9·6
...	1·802	+56·509	− 5	M	...
...	1·734	−14·157	− 5	M *m*	...
...	1·610	−11·184	− 3	...	...
...	− 1·483	−33·674	− 2	...	...
...	1·401	+29·580	− 3	...	...
...	1·347	+36·633	− 5	M	...
*	1·123	+10·584	1·00	45.7011	9·7
...	1·041	−50·029	− 5	*m*	...
431					
...	− 1·015	+34·119	− 5	M	...
...	0·811	−21·526	− 2	...	...
‡	0·810	+10·324	1·10	45.7012	9·6
...	0·771	+ 4·220	− 5	M	...
*	0·609	+22·914	1·00	45.7013	9·8
...	− 0·533	− 4·158	− 5	M *m*	...
*	0·461	+50·345	0·90	45.7014	9·9
...	0·434	−33·783	− 5	...	...
...	0·407	−53·577	− 5	*m*	...
...	0·367	−46·142	0·70	46.6987	10·4
441					
*	− 0·280	− 7·424	1·15	46.6988	9·7
†	− 0·219	−33·989	− 5	...	...
†	+ 0·071	− 4·666	− 4	*m*	...
...	0·410	−40·023	− 5	M *m*	...
...	0·607	−42·928	− 3	...	...
...	+ 0·918	−23·990	0·65	46.6989	10·4
...	0·957	−28·922	− 4	...	...
...	1·222	+38·447	− 5	M	...
...	1·312	−30·804	− 3	...	...
*	1·441	+12·420	1·40	45.7015	9·3

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
451–510					
451	′	′		°	
…	+ 1·477	−53·100	− 4	…	…
…	1·492	+26·980	− 4	M	…
…	1·824	−24·067	− 4	…	…
…	1·881	−10·963	− 4	M *m*	…
…	2·004	−44·677	− 4	*m*	…
…	+ 2·240	− 1·421	− 2	…	…
…	2·460	−33·321	− 4	M *a*	…
…	2·565	+16·953	− 5	M	…
…	2·633	−51·435	− 4	…	…
…	2·876	− 4·971	− 4	M *m*	…
461					
…	+ 2·878	+39·051	− 3	…	…
…	3·166	+13·783	− 4	M	…
…	3·357	+12·846	− 3	…	…
…	3·687	+28·560	− 4	…	…
*	3·716	−51·966	1·00	46.6990	9·8
…	+ 3·860	−33·139	− 4	M *a*	…
…	3·963	−34·475	− 5	M *m*	…
…	4·087	+44·091	− 4	…	…
…	4·196	−43·099	− 5	M *m*	…
*	4·232	−55·891	1·40	46.6991	9·2
471					
…	+ 4·273	+44·914	− 5	M	…
…	4·297	+44·007	− 4	…	…
…	5·067	−48·548	− 4	…	…
…	5·309	+56·573	− 4	…	…
…	5·399	+47·012	− 4	…	…
*	+ 5·492	−11·039	1·10	46.6992	9·7
…	5·616	−37·057	− 3	…	…
…	5·627	−20·211	− 4	M *m*	…
…	5·696	+10·361	− 5	M	…
…	5·721	−13·034	− 5	M *m*	…
481					
…	+ 5·919	+ 5·035	− 5	M	…
…	6·077	−32·721	− 1	…	…
*	6·081	−59·038	1·40	46.6993	9·2
*	6·446	−20·662	1·00	46.6994	9·6
N * [	6·642	−35·830	1·00	46.6995	9·6
N * [	+ 6·707	−35·834	0·90		
…	6·893	+49·593	− 5	M	…
…	6·933	+54·284	− 4	…	…
…	7·165	+40·613	− 4	…	…
*	7·212	−52·834	1·20	46.6997	9·3
491					
…	+ 7·277	−58·003	− 4	…	…
*	7·365	−37·538	1·30	46.6998	9·4
…	7·428	− 5·022	0·85	45.7016	10·0
…	7·439	+56·693	− 5	…	…
*	7·611	+17·342	1·00	45.7017	9·6
…	+ 7·804	−58·771	− 1	46.6999	10·2
…	7·852	−51·405	0·85	46.7000	10·0
…	8·272	+23·525	− 5	…	…
…	8·286	+46·590	− 2	…	…
…	8·295	− 2·855	− 5	*m*	…
501					
*	+ 8·552	−21·815	0·95	46.7001	9·8
…	8·643	+42·493	− 4	…	…
…	8·878	+18·607	− 2	…	…
…	9·056	−20·703	− 4	…	…
…	9·082	−47·212	− 4	…	…
…	+ 9·660	+48·414	− 5	…	…
…	9·693	+51·050	− 4	…	…
…	9·802	+43·092	− 4	…	…
…	9·895	−30·577	− 3	…	…
…	9·927	− 7·833	− 5	*m*	…
511–570					
511	′	′		°	
…	+ 9·989	+27·804	− 4	…	…
…	10·105	−34·456	− 4	…	…
…	10·301	+51·397	− 3	…	…
…	10·498	−45·252	− 4	*a*	…
…	10·708	+50·733	0·65	45.7018	10·2
…	+10·714	+17·481	− 3	…	…
…	10·736	+18·462	0·65	45.7019	10·0
…	10·766	+54·259	− 5	…	…
…	10·960	+35·126	− 5	…	…
*	11·024	−23·095	0·95	46.7002	9·8
521					
…	+11·053	−44·916	− 3	…	…
…	11·152	−30·245	− 3	…	…
…	11·159	+56·904	− 3	…	…
…	11·198	+ 5·366	0·70	45.7020	10·0
*	11·201	−11·243	1·10	46.7003	9·6
…	+11·255	− 1·475	− 5	*m*	…
…	11·446	+21·378	0·75	45.7021	9·2
*	11·546	+21·337	1·10		
…	11·623	+31·931	− 3	…	…
…	11·881	−35·350	− 4	*a*	…
531					
*	+11·906	− 8·349	1·20	46.7004	9·6
…	11·913	+18·643	− 4	…	…
…	11·918	+30·834	0·80	45.7022	10·0
…	11·954	−50·849	− 3	…	…
…	12·069	−35·996	0·75	46.7005	10·0
…	+12·202	+20·428	− 5	…	…
…	12·427	+50·542	− 4	…	…
…	12·681	−59·131	− 5	*m*	…
*	12·697	+15·571	0·90	45.7023	9·7
…	12·809	−21·546	− 2	…	…
541					
…	+13·043	+ 5·212	− 2	…	…
…	13·046	−33·577	0·85	46.7006	10·0
S *	13·480	+15·778	2·80	45.7024	8·1
…	13·900	+46·069	− 5	…	…
…	14·069	− 9·791	− 3	…	…
…	+14·113	+ 3·956	− 5	…	…
S *	14·125	−50·644	2·20	46.7007	8·4
…	14·286	+33·907	− 3	…	…
…	14·334	−35·459	− 5	*m*	…
…	14·714	+28·837	− 3	…	…
551					
…	+14·750	+20·501	− 5	…	…
*	15·056	− 9·284	1·05	46.7008	9·7
…	15·088	−18·367	− 5	*m*	…
…	15·109	+45·325	− 5	…	…
S *	15·188	−26·742	1·05	46.7009	9·4
…	+15·211	−54·367	− 4	…	…
…	15·368	−18·219	− 4	…	…
*	15·381	−44·502	0·90	46.7010	9·9
…	15·561	−25·032	− 5	*m*	…
…	15·734	+27·645	− 4	…	…
561					
…	+15·756	−33·805	− 5	*m*	…
…	15·912	− 6·824	− 5	…	…
…	16·000	+39·348	− 2	…	…
*	16·340	−14·889	1·00	46.7011	9·8
…	16·770	+22·278	− 5	…	…
…	+16·774	−33·664	− 3	…	…
…	17·317	− 2·273	− 5	*m*	…
…	17·395	+11·512	− 3	…	…
…	17·412	+55·821	− 5	…	…
…	17·537	−29·083	− 5	*m*	…
571–630					
571	′	′		°	
…	+17·932	− 2·837	− 4	*m*	…
…	17·938	+32·311	− 5	…	…
*	18·042	+ 7·042	2·00	45.7026	8·5
…	18·111	−49·329	− 5	*m*	…
S *	18·133	+44·947	1·15	45.7025	9·2
…	+18·230	−25·533	− 4	…	…
…	18·380	−40·016	− 4	…	…
…	18·455	−10·892	0·75	46.7013	10·0
…	18·533	− 0·072	− 4	*m*	…
…	18·691	+36·010	− 1	45.7027	10·4
581					
…	+18·695	− 0·369	0·65	45.7028	10·2
…	18·820	+50·497	− 5	…	…
…	18·845	+ 6·101	− 3	…	…
…	19·070	+ 2·535	− 5	…	…
…	19·233	+10·015	− 4	…	…
…	+19·402	−53·851	− 1	…	…
…	19·404	+ 4·484	− 5	…	…
…	19·469	−33·723	− 4	…	…
…	19·666	+10·884	0·70	45.7029	10·2
…	20·064	−41·630	− 3	…	…
591					
…	+20·090	−40·931	− 5	*m*	…
…	20·129	+52·960	− 5	…	…
…	20·438	−41·500	− 4	*a*	…
…	20·468	−36·074	0·75	46.7014	10·2
…	20·536	−18·880	− 5	*m*	…
…	+20·640	− 3·935	− 4	…	…
…	20·710	+43·483	0·80	45.7030	10·0
…	20·813	+24·133	− 5	…	…
…	20·856	− 7·877	− 5	*m*	…
…	20·941	+50·618	− 5	…	…
601					
…	+21·109	−45·480	− 5	…	…
…	21·215	+22·637	0·80	45.7031	10·0
…	21·239	− 1·088	− 3	…	…
…	21·386	+23·899	− 5	…	…
‡ ‡	21·451	+15·213	1·05	45.7032	9·8
…	+21·989	−38·194	− 5	…	…
…	22·091	+45·620	− 4	…	…
…	22·108	+40·044	0·70	45.7033	10·2
…	22·110	+ 8·388	− 4	…	…
*	22·275	−29·841	1·25	46.7015	9·4
611					
…	+22·553	+57·038	− 5	…	…
…	22·644	−50·517	− 4	…	…
…	22·927	− 4·043	− 5	*m*	…
*	23·070	+48·101	1·10	45.7034	9·6
…	23·254	+26·928	− 5	…	…
…	+23·301	− 9·932	− 5	*m*	…
…	23·351	+21·206	− 5	…	…
…	23·559	− 6·787	− 3	46.7016	10·4
…	23·989	−41·603	− 5	*m*	…
…	24·040	−35·253	− 3	…	…
621					
*	+24·173	+47·314	0·95	45.7035	9·9
…	24·307	+12·239	− 4	…	…
…	24·361	+27·434	− 5	…	…
…	24·398	+14·654	− 4	…	…
…	24·756	+57·484	− 4	…	…
‡ ‡	+24·794	−31·613	0·90	46.7017	9·8
†	24·821	−28·779	− 5	…	…
*	24·844	−49·225	0·85	46.7018	10·0
…	24·873	−36·995	− 3	…	…
…	24·879	−47·258	− 4	…	…

485, 486. 47°·88, 47°·89, mass.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
631–690					
631					
...	+25·076	−37·712	− 4	...	...
...	25·141	+12·606	− 3	...	...
...	25·156	−18·993	− 2	...	...
...	25·222	+39·641	− 5	...	...
...	25·543	+26·099	− 3	...	...
...	+25·554	+11·820	− 4	...	...
...	25·585	− 1·559	− 5	*m*	...
...	25·729	+23·759	0·75	45.7036	10·2
...	25·732	+44·724	− 5	...	...
...	25·996	−12·159	− 4	...	...
641					
...	+26·019	+52·874	− 5	...	...
†	26·182	+ 5·300	− 5	...	...
...	26·449	−24·868	0·70	46.7019	10·2
...	26·488	+36·975	− 5	...	...
...	26·550	+37·680	− 5	...	...
*	+26·589	+18·974	0·85	45.7037	10·0
*	26·710	−59·279	0·95	46.7020	9·9
...	26·809	−44·529	− 1	...	...
...	26·983	+13·656	− 3	...	...
...	27·088	−27·131	− 4	...	...
651					
...	+27·150	−53·704	− 3	...	...
...	27·211	+13·720	0·70	45.7038	10·2
*	27·376	+32·550	2·00	45.7039	8·7
*	27·663	+36·910	1·60	45.7040	9·1
...	27·663	−36·582	− 4	...	...
...	+27·679	+ 4·811	− 5	...	...
...	27·850	+48·623	− 3	...	...
...	27·958	+21·970	− 1	...	...
...	27·972	−28·164	− 5	...	...
...	28·042	− 7·144	− 5	*m*	...
661					
...	+28·061	+58·675	0·80	44.6978	10·2
...	28·317	+23·246	0·65	...	...
...	28·353	−51·951	− 5	*m*	...
...	28·454	+38·721	− 5	...	...
...	28·474	+ 6·065	− 5	...	...
...	+28·482	−13·595	− 5	...	...
...	28·527	−24·381	− 5	...	...
*	28·570	−37·251	0·85	46.7021	9·8
...	28·673	+54·887	− 5	...	...
*	28·678	−46·625	1·00	46.7022	9·8
671					
...	+28·741	+36·570	− 3	...	...
...	28·956	−52·225	− 3	...	...
...	29·249	+25·814	− 5	...	...
...	29·415	+28·578	− 5	...	...
...	29·428	−10·906	− 5	*m*	...
...	+29·556	−57·454	− 5	...	...
...	29·581	+17·859	0·80	45.7041	10·2
†	29·773	+ 7·580	− 2	45.7042	10·4
†	29·793	+35·639	− 5	...	...
†	29·823	+33·200	− 3	...	...
681					
...	+30·028	−20·068	− 4	...	...
...	30·071	− 4·185	− 2	...	...
...	30·076	−33·327	− 2	...	...
...	30·157	+31·461	− 5	...	...
...	30·220	+ 5·943	− 5	...	...
*	+30·360	+17·698	0·90	45.7043	10·0
...	30·521	+ 1·476	− 4	...	...
...	30·635	+34·929	0·70	45.7044	10·2
...	30·718	+41·429	− 3	...	...
*	30·754	− 4·958	0·85	45.7046	10·0

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
691–750					
691					
...	+30·765	+33·329	− 1	45.7045	10·4
*	30·814	−25·501	1·20	46.7024	9·6
...	30·864	−35·591	− 1	...	...
...	31·228	− 9·255	− 4	...	...
...	31·349	−13·441	− 5	*m*	...
...	+31·429	−27·098	− 4	*a*	...
...	31·478	+54·126	− 5	...	...
...	31·493	−30·844	− 5	*m*	...
...	31·524	+26·053	− 5	...	...
...	31·527	−59·121	− 4	...	...
701					
...	+31·615	+58·547	− 5	...	...
...	31·789	+46·764	0·80	45.7047	10·4
...	31·801	−11·824	− 4	*a*	...
...	31·959	+28·580	− 4	...	...
*	32·127	−52·097	1·40	46.7025	9·3
*	+32·303	+23·827	0·85	45.7048	10·0
...	32·489	−40·550	− 2	...	...
*	32·569	−48·505	0·95	46.7026	9·8
*	32·632	−48·202	1·40	46.7027	9·2
*	32·658	−40·197	1·20	46.7028	9·7
711					
...	+33·005	−18·308	− 3	...	...
...	33·073	−16·200	− 3	...	...
...	33·459	+36·586	0·70	45.7049	10·2
...	33·469	+41·692	− 2	...	...
...	33·754	+32·899	− 5	...	...
...	+33·789	−12·796	− 5	*m*	...
...	33·922	+24·453	− 3	...	...
...	33·941	+41·966	− 1	...	...
...	33·986	−33·693	− 4	...	...
...	34·030	+32·762	− 3	...	...
721					
*	+34·044	+19·396	0·95	45.7050	9·8
...	34·113	−16·197	− 4	*a*	...
...	34·262	−16·262	− 5	*m*	...
...	34·360	+41·671	− 3	...	...
...	34·564	−55·883	− 4	...	...
†	+34·843	+22·517	− 3	...	...
...	35·053	−21·028	− 4	...	...
...	35·098	+12·629	− 5	...	...
...	35·379	−52·957	− 4	*a*	...
...	35·436	−39·198	0·65	46.7030	10·4
731					
...	+35·571	−14·627	− 5	*m*	...
...	35·668	+10·997	− 4	...	...
...	35·747	+ 9·698	− 5	...	...
...	35·813	−46·241	− 5	*m*	...
*	36·127	+11·097	0·90	45.7051	9·9
*	+36·153	+11·479	0·75	45.7052	10·0
...	36·421	+13·420	0·80	45.7053	10·0
...	36·466	+41·055	− 4	...	...
...	36·648	+14·934	− 5	...	...
...	37·188	− 6·568	− 4	*m*	...
741					
...	+37·311	+ 7·955	− 4	...	...
...	37·475	−33·346	− 4	...	...
...	37·617	−22·192	0·70	46.7031	10·4
...	37·668	+37·491	− 5	...	...
*	38·067	−38·079	1·00	46.7032	9·8
S*	+38·122	+ 8·809	1·50	45.7054	8·9
...	38·439	−58·825	− 2	46.7034	10·4
*	38·594	−27·297	0·80	46.7033	10·2
...	38·694	−44·671	− 5	*m*	...
...	38·882	+41·922	0·70	45.7055	10·4

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
751–810					
751					
...	+38·934	+ 0·187	− 3	α	...
...	38·990	−27·862	− 4	*a*	...
...	39·004	−50·762	0·75	46.7035	10·4
...	39·098	−39·022	− 5	*m*	...
...	39·206	−26·436	− 3	...	...
...	+39·218	−58·659	− 4	...	...
...	39·234	− 3·815	− 1	...	...
...	39·390	−48·286	− 4	...	...
*	39·403	−24·884	0·85	46.7036	10·2
...	39·644	+ 5·082	− 4	...	...
761					
n	+39·854	+ 9·050	− 3	45.7056	10·4
...	40·057	+34·916	− 4	...	...
n	40·069	+ 9·201	− 3	45.7056	10·4
...	40·117	+43·571	− 4	...	...
...	40·250	−20·922	− 3	...	...
...	+40·264	−49·783	− 3	...	...
...	40·619	−47·142	− 5	*m*	...
...	40·669	−24·824	− 5	*m*	...
...	40·766	−17·301	− 5	*m*	...
...	40·804	−23·730	− 5	*m*	...
771					
...	+41·027	− 0·511	− 3	α	...
...	41·126	+34·727	− 2	...	...
*	41·131	−33·225	1·80	46.7037	8·7
...	41·152	+17·130	− 4	...	...
...	41·196	+26·844	− 4	...	...
...	+41·369	−46·417	− 3	...	...
...	41·411	+42·741	− 5	...	...
...	41·578	−18·492	− 3	...	...
...	41·596	−31·800	− 1	46.7038	10·4
...	41·621	−58·787	− 4	...	...
781					
...	+41·692	−24·438	− 3	...	...
...	41·793	+ 7·917	− 4	...	...
...	42·114	−55·413	− 4	...	...
†	42·144	+60·115	− 3	44.6995	10·4
...	42·269	+52·278	− 3	...	...
...	+42·325	+45·566	− 2	45.7057	10·4
*	42·348	+ 7·028	1·90	45.7058	8·5
...	42·586	−11·424	− 4	...	...
*	42·695	−43·278	1·00	46.7040	9·8
...	43·218	−31·251	− 2	...	...
791					
...	+43·516	−55·954	− 1	46.7042	10·2
...	43·580	−32·171	0·75	46.7041	10·4
...	43·886	−14·291	− 3	...	...
...	44·043	+45·723	− 4	...	...
...	44·131	+ 2·514	− 4	...	...
†	+44·325	−29·592	− 4	...	...
*	44·635	+ 3·072	1·40	45.7060	9·3
*	44·813	−43·121	1·30	46.7044	9·2
...	44·829	−33·439	− 1	46.7043	10·4
...	44·875	−13·299	− 5	*e*	...
801					
*	+44·903	+22·852	1·20	45.7061	9·6
...	44·924	+51·263	0·70	45.7059	10·4
...	45·550	+16·157	− 3	...	...
...	45·645	+55·220	− 4	...	...
...	45·680	−48·584	0·90	46.7045	10·0
...	+45·890	−10·657	− 5	*e*	...
...	45·902	−59·100	− 5	...	...
...	45·941	+ 2·620	− 3	...	...
...	46·093	+59·498	− 5	...	...
...	46·100	+ 7·158	− 5	...	...

761, 763. C.P.D., possibly mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
811–850					
811					
...	+46·110	+ 0·859	− 4	...	...
...	46·367	+17·318	− 2	...	...
...	46·637	+ 3·736	− 4	...	...
...	46·765	−36·370	− 1	...	...
...	46·919	−15·438	− 2	...	...
...	+46·989	−41·262	− 3	...	...
...	46·994	−51·676	− 4	...	...
*	47·062	+30·975	1·25	45.7062	9·4
...	47·117	+ 5·041	− 5	...	...
†	47·204	+10·233	− 4	...	...
821					
*	+47·435	+52·476	1·10	45.7063	9·8
...	47·718	+ 4·706	− 4	...	...
*	47·749	−37·867	0·95	46.7047	9·9
...	47·893	+ 1·798	0·80	45.7065	10·0
...	47·898	+19·885	0·80	45.7064	10·2
...	+48·019	− 1·818	− 5	*e*	...
...	48·130	−58·064	− 5	...	...
*	48·428	− 9·504	0·90	46.7048	10·0
...	48·704	−27·700	− 5	*e*	...
...	49·258	−52·062	− 4	...	...
831					
...	+49·318	+29·737	− 3	...	...
S *	49·446	−40·513	2·20	46.7049	8·2
S *	49·469	− 4·568	1·70	45.7066	8·7
...	50·015	+57·326	− 5	...	...
...	50·047	+50·815	− 4	...	...
...	+50·189	−20·713	− 3	...	...
...	50·335	− 8·387	− 5	*e*	...
...	50·593	+57·244	− 5	...	...
...	50·985	+14·572	0·65	45.7068	10·4
...	51·093	+10·633	− 5	...	...
841					
...	+51·136	−22·213	− 3	...	...
...	51·185	+42·434	− 5	...	...
*	51·273	+39·684	1·35	45.7067	9·4
*	51·502	+13·440	1·10	45.7069	9·7
...	51·578	+16·256	− 5	...	...
...	+51·697	+16·175	− 5	...	...
*	51·823	+54·007	1·20	44.7008	9·7
...	51·854	+17·732	− 5	...	...
...	51·897	+48·247	− 2	...	...
*	51·903	− 2·399	0·90	45.7070	10·0

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
851–890					
851					
...	+52·025	+23·489	0·65	...	...
...	52·271	−27·039	− 5	*e*	...
...	52·599	+28·911	− 3	...	...
*	52·696	−49·705	1·15	46.7050	9·8
...	52·715	+13·220	− 5	...	...
...	+52·778	−28·234	− 4	...	...
... [	52·817	+16·950	− 4	...	...
... [	52·866	+16·990	− 4	...	...
...	52·853	+50·268	− 5	...	...
...	52·982	+57·801	− 4	...	...
861					
*	+53·151	+10·874	0·90	45.7071	9·9
...	53·327	+28·172	− 2	...	...
...	53·354	+21·825	− 5	...	...
...	53·429	−51·761	0·80	46.7053	10·0
...	53·449	−47·841	− 5	...	...
...	+53·483	+15·937	0·70	...	...
*	53·542	−26·913	1·00	46.7052	9·8
*	53·710	+56·871	1·80	44.7011	8·9
...	53·759	−15·610	− 5	*e*	...
...	54·088	+ 7·964	− 3	...	...
871					
...	+54·311	+15·720	− 5	...	...
...	54·521	−52·266	− 3	...	...
...	54·894	+21·491	− 5	...	...
...	54·936	−36·183	− 3	...	...
...	55·383	+38·698	− 5	...	...
...	+55·601	−37·601	− 5	...	...
...	55·772	+32·320	− 5	...	...
...	55·834	−59·161	1·15	46.7054	10·0
...	55·852	− 3·982	0·70	...	...
...	55·918	+ 9·414	0·65	...	...
881					
...	+55·924	+ 6·454	0·65	...	...
...	55·950	+50·050	− 1	...	...
...	56·120	−15·777	− 5	*e*	...
...	56·127	−19·051	− 2	...	...
*	56·604	−17·957	0·85	46.7055	9·9
...	+56·628	+29·225	0·65	45.7072	10·4
†	56·669	− 4·773	− 4	...	...
...	56·731	−15·589	− 5	...	...
...	56·764	+ 4·442	− 5	...	...
...	57·048	+29·244	− 3	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
891–909					
891					
...	+57·362	+12·488	0·80	45.7073	10·4
S *	57·392	+56·950	2·15	44.7013	8·9
...	57·399	+27·277	0·65	...	...
...	57·495	+41·044	− 3	...	...
*	57·729	−27·554	1·10	46.7056	9·8
...	+57·734	+14·652	− 5	...	...
...	57·794	−17·988	− 5	...	...
...	57·884	+40·901	− 3	...	...
...	58·236	−33·278	− 5	*e*	...
...	58·505	+18·708	− 5	...	...
901					
...	+58·515	−11·102	0·75	...	...
*	58·720	+37·374	1·10	45.7074	9·8
...	58·755	− 3·803	− 5	*b*	...
*	58·960	−21·382	2·20	46.7057	8·2
*	59·098	−13·630	1·80	46.7058	8·9
...	+59·433	−44·046	− 5	...	...
...	59·556	− 7·086	− 3	...	...
...	59·564	−13·528	− 4	...	...
...	59·582	−34·795	− 5	...	...

	1–10				
I					
*	−59·678	+ 2·844	1·15	45.7060	9·3
...	59·653	−32·422	0·70	46.7041	10·4
...	59·525	+ 2·049	− 5	...	...
...	59·185	+15·949	− 3	...	...
...	59·028	+10·045	− 5	...	...
...	−58·961	−29·831	− 4	...	...
...	58·961	−56·206	0·80	46.7042	10·2
...	58·951	−13·508	− 5	E	...
*	58·441	+52·313	1·10	45.7063	9·8
...	58·406	+17·137	− 3	...	...

	11–20				
II					
...	−58·371	+ 2·432	− 3	...	...
...	58·354	−33·646	0·70	46.7043	10·4
...	58·148	+ 0·677	− 5	...	...
*	58·128	+30·801	1·20	45.7062	9·4
*	58·069	−43·337	1·80	46.7044	9·2
...	−58·022	−10·841	− 5	E	...
...	57·709	+ 3·572	− 3	...	...
...	57·348	+10·085	− 2	...	...
...	57·277	+ 4·895	− 5	...	...
...	57·032	−48·769	0·85	46.7045	10·0

	21–30				
21					
...	−56·944	+19·750	0·80	45.7064	10·2
...	56·839	−15·597	− 2	...	...
...	56·655	+ 4·570	− 4	...	...
...	56·498	−59·278	− 5	...	...
...	56·391	+ 1·670	0·80	45.7065	10·0
...	−56·335	−36·522	− 1	...	...
...	56·163	− 1·944	− 5	E	...
...	56·005	+57·222	− 4	...	...
...	55·963	−41·405	− 3	...	...
...	55·839	+29·639	− 3	...	...

ES measured from 1, 155, 308, 452, 605, 725.
MJ ,, ,, 114, 264, 419, 568, 696, 819.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
31–90					
31	′	′		°	
…	−55·771	+50·738	− 3	…	…
…	55·631	−51·821	− 5	…	…
*	55·503	− 9·620	0·85	46.7048	10·0
…	55·411	+57·169	− 5	…	…
*	55·288	−37·983	1·10	46.7047	9·9
…	−54·981	+14·697	− 5	…	…
…	54·668	−27·795	− 5	E	…
S *	54·597	− 4·646	1·50	45.7066	8·7
…	54·375	+42·383	− 3	…	…
…	54·297	−58·176	− 5	…	…
41					
*	−54·202	+39·644	1·15	45.7067	9·4
*	54·095	+53·977	1·25	44.7008	9·7
…	53·849	+48·211	0·70	…	…
…	53·710	+14·527	0·65	45.7068	10·4
…	53·648	− 8·436	− 5	E	…
S *	−53·510	−40·578	2·20	46.7049	8·2
…	53·408	−20·764	− 3	…	…
…	53·340	−52·117	− 5	…	…
…	53·174	+16·226	− 5	…	…
*	53·142	+13·418	1·00	45.7069	9·7
51					
…	−53·063	+57·801	− 3	…	…
…	53·055	+16·154	− 5	…	…
…	52·942	+17·716	− 5	…	…
…	52·932	+23·478	0·65	…	…
†	52·931	+50·268	− 5	…	…
…	−52·534	+28·917	− 3	…	…
…	52·464	−26·647	− 5	M	…
…	52·399	−22·233	− 4	…	…
*	52·290	+56·888	1·80	44.7011	8·9
*	52·252	− 2·409	0·85	45.7070	10·0
61					
…	−52·000	−29·349	− 5	M	…
…	51·949	+16·962	− 4	…	…
…	51·932	+13·236	− 5	…	…
…	51·902	+17·005	− 4	…	…
…	51·830	+38·350	− 5	…	…
…	−51·773	+28·201	− 2	…	…
…	51·560	+21·857	− 5	…	…
*	51·420	+10·904	0·85	45.7071	9·9
…	51·339	+22·090	− 5	…	…
…	51·250	+15·975	0·65	…	…
71					
…	−51·224	−23·074	− 5	M	…
…	51·123	−27·024	− 5	E	…
…	50·575	−28·205	− 3	…	…
…	50·404	+15·778	− 5	…	…
…	50·387	+ 8·027	− 4	…	…
…	−50·055	+38·782	− 5	…	…
…	50·001	+21·560	− 5	…	…
*	49·986	−49·661	1·00	46.7050	9·8
…	49·984	−15·549	− 5	E	…
†	49·855	+50·147	− 1	…	…
81					
*	−49·844	−26·849	0·90	46.7052	9·8
…	49·476	+32·427	− 5	…	…
…	49·292	−47·768	− 5	…	…
…	49·179	−51·691	0·80	46.7053	10·0
S *	48·611	+57·085	2·00	44.7013	8·9
…	−48·607	+ 9·530	0·65	…	…
…	48·519	+29·360	0·70	45.7072	10·4
…	48·517	+ 6·573	0·65	…	…
…	48·255	− 3·867	0·65	…	…
…	48·178	−36·089	− 3	…	…
91–150					
91	′	′		°	
…	−48·099	+29·399	− 2	…	…
…	48·075	−52·162	− 1	…	…
…	48·025	+41·180	− 1	…	…
…	47·686	+27·438	0·65	…	…
…	47·640	+41·053	− 1	…	…
…	−47·634	−15·636	− 5	E	…
…	47·602	+ 4·591	− 5	…	…
…	47·513	−18·916	− 2	…	…
…	47·450	−37·467	− 5	…	…
…	47·419	− 4·624	− 3	…	…
101					
*	−47·257	+12·649	0·75	45.7073	10·4
*	47·065	−17·807	0·85	46.7055	9·9
…	47·014	−15·428	− 5	…	…
…	46·952	+14·825	− 5	…	…
*	46·690	+37·565	0·90	45.7074	9·8
…	−46·544	−59·023	1·15	46.7054	10·0
…	46·318	+18·909	− 5	…	…
…	46·026	+47·676	− 5	…	…
…	45·884	−17·791	− 5	…	…
*	45·645	−27·367	1·00	46.7056	9·8
111					
…	−45·374	−10·894	0·65	…	…
…	45·359	− 3·586	− 5	M	…
…	44·955	−33·078	− 5	E	…
…	44·730	−28·187	− 5	M	…
*	44·697	−13·402	1·50	46.7058	8·9
*	−44·586	−21·157	2·40	46.7057	8·2
…	44·472	− 6·830	− 4	…	…
…	44·389	+57·601	− 4	…	…
…	44·365	−34·168	− 5	M	…
…	44·314	+20·903	− 2	…	…
121					
…	−44·242	−13·277	− 3	…	…
…	44·111	−38·344	− 5	M	…
*	44·041	−14·939	0·95	46.7059	9·8
…	43·907	−50·244	− 5	M	…
…	43·780	−50·068	− 5	M	…
…	−43·728	+32·449	0·80	…	…
…	43·558	−34·535	− 4	…	…
…	43·514	+ 4·085	− 4	…	…
…	43·439	−43·766	− 4	…	…
…	43·317	−13·162	− 3	…	…
131					
…	−43·207	+46·490	− 5	…	…
…	43·137	+ 9·033	− 3	…	…
…	43·023	− 5·682	− 5	M	…
…	42·925	− 4·309	− 4	M	…
…	42·917	−12·250	− 4	A	…
…	−42·632	−30·008	− 4	…	…
…	42·541	−23·041	− 5	M	…
…	42·440	−37·640	− 4	…	…
…	42·366	+49·391	− 3	…	…
…	41·755	+23·381	− 4	…	…
141					
…	−41·709	−49·209	− 5	…	…
…	41·648	− 5·146	− 4	…	…
*	41·627	+44·142	0·95	45.7076	9·8
…	41·618	+24·780	− 5	…	…
S *	41·517	+49·005	1·55	45.7077	9·2
…	−41·508	−37·770	− 5	M	…
…	41·425	+ 3·738	− 3	…	…
*	41·349	− 1·849	1·20	45.7075	9·6
*	41·215	−36·409	2·50	46.7060	8·2
*	40·700	−40·106	1·10	46.7061	9·2
151–200					
151	′	′		°	
…	−40·682	−35·340	− 5	M	…
…	40·102	+34·775	− 5	…	…
…	40·102	−42·369	− 5	…	…
*	40·073	+14·834	0·80	45.7078	10·4
†	39·842	−17·941	− 3	46.7062	10·4
…	−39·617	− 1·055	− 4	…	…
…	39·581	+10·619	− 5	…	…
…	39·359	+ 4·272	0·70	45.7079	10·4
…	39·303	+ 1·706	− 3	…	…
…	39·025	+13·676	− 5	…	…
161					
…	−38·751	+ 3·891	− 5	…	…
…	38·521	− 6·033	− 4	…	…
…	38·444	+23·703	− 5	…	…
…	38·207	+50·939	− 5	…	…
…	38·077	− 1·818	− 5	M	…
…	−38·005	+ 2·140	− 4	…	…
…	38·000	−12·048	− 3	…	…
…	37·993	−43·626	− 5	M	…
…	37·956	+21·329	− 4	…	…
*	37·956	−56·600	1·00	46.7063	9·8
171					
…	−37·863	−55·745	− 2	…	…
*	37·480	−13·507	1·90	46.7065	8·5
*	37·264	−27·253	0·90	46.7066	9·8
…	37·247	−29·047	− 4	…	…
…	37·057	+ 0·973	− 2	…	…
*	−37·002	−49·571	0·85	46.7064	9·9
…	36·885	−39·060	− 5	M	…
…	36·656	+16·059	− 5	…	…
…	36·408	−18·023	− 5	M	…
…	36·405	+ 3·883	− 2	…	…
181					
…	−36·314	−19·151	− 4	…	…
…	36·067	− 6·689	− 4	…	…
…	36·047	−33·462	− 5	M	…
…	35·699	−44·152	− 3	…	…
…	35·638	+60·098	− 1	…	…
*	−35·604	−34·386	0·80	46.7067	9·9
…	35·307	+57·235	0·70	…	…
…	35·215	+56·687	− 3	…	…
…	35·164	−32·234	− 3	…	…
…	35·013	−51·987	− 5	…	…
191					
…	−34·908	+49·041	0·70	45.7081	10·4
n ‡	34·875	+32·911	0·95	45.7082	7·2
‡	34·837	−33·933	1·30	46.7068	9·0
…	34·740	− 1·114	− 5	M	…
n *	34·653	+33·122	2·80	45.7082	7·2
*	−34·606	+ 0·824	1·50	45.7080	9·2
…	34·252	−27·675	− 5	M	…
…	33·915	+11·813	− 3	…	…
N	33·881	−12·696	− 5	M	…
…	33·865	+31·194	− 5	…	…
201					
…	−33·854	+57·945	0·65	44.7024	10·4
…	33·747	−24·287	− 3	…	…
*	33·714	−20·639	0·80	46.7069	10·0
…	33·424	−15·666	− 5	M	…
*	33·389	−14·394	1·05	46.7070	9·6
*	−33·131	+27·043	0·85	45.7083	9·9
…	33·127	−48·598	− 3	…	…
…	33·118	+13·286	− 4	…	…
…	33·110	+ 2·711	− 5	…	…
…	33·052	− 6·277	− 5	M	…

192, 195. C.P.D., mass.
199. Var. L=10·4−12·8.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
211-270					
211					
...	−33·007	−31·854	− 1	46.7071	10·4
...	32·863	+57·963	0·70	44.7026	10·4
...	32·861	−16·771	− 5	M	...
...	32·711	−41·463	0·70	...	...
...	31·774	−47·138	− 2	...	...
...	−31·770	−13·804	− 3	...	...
...	31·711	+ 6·323	0·65	45.7084	10·4
...	31·669	−11·019	− 1	46.7072	10·4
...	31·567	−22·685	− 4	...	...
...	31·438	+17·874	− 5	...	...
221					
...	−31·426	+11·274	− 5	...	...
*	31·163	−25·429	0·75	46.7073	10·2
...	30·993	−35·914	− 5	M	...
...	30·862	−40·549	− 1	...	...
...	30·778	+ 4·730	− 3	...	...
...	−30·570	+56·219	− 5	...	...
...	30·270	+54·606	− 5	...	...
...	30·116	+ 9·137	− 5	...	...
...	29·988	− 1·071	− 3	...	...
...	29·755	+11·579	− 4	...	...
231					
...	−29·541	−37·376	− 5	M	...
...	29·432	+24·663	− 5	...	...
...	28·997	+37·415	− 2	...	...
...	28·734	− 0·224	− 5	M	...
S *	28·648	+ 8·979	2·05	45.7085	8·4
...	−28·620	+35·187	− 2	...	...
...	28·617	−41·337	− 4	...	...
...	28·609	−29·741	− 1	...	...
...	28·409	−17·857	0·70	46.7074	10·2
...	28·148	−31·509	0·70	46.7075	10·4
241					
...	−27·909	+54·353	− 5	...	...
...	27·868	+33·852	− 5	...	...
...	27·627	−23·970	− 5	M	...
...	27·190	+28·027	− 2	...	...
...	27·128	+15·893	− 3	...	...
...	−27·045	−53·667	0·75	46.7077	10·4
*	26·975	−24·987	1·10	46.7078	9·2
...	26·672	−26·078	− 5	M	...
...	26·666	+32·337	− 5	...	...
...	26·633	− 1·559	− 4	...	...
251					
...	−26·581	+22·755	0·75	45.7086	10·4
...	26·471	+40·677	− 3	...	...
...	26·282	+28·246	− 1	...	...
...	26·172	− 6·902	− 5	M	...
...	26·088	+ 7·985	− 5	...	...
...	−25·830	+18·618	− 5	...	...
...	25·789	+44·469	− 3	...	...
...	25·704	−35·681	− 4	...	...
...	25·605	−19·451	− 3	...	...
...	25·538	+56·033	− 5	...	...
261					
...	−25·094	−55·902	− 5	M	...
...	25·082	+43·037	− 3	...	...
...	25·033	+57·269	− 5	...	...
*	24·656	+33·804	1·70	45.7087	9·0
...	24·641	+55·461	0·75	44.7034	10·0
...	−24·472	−43·102	− 5	M	...
*	24·365	+17·044	1·00	45.7088	9·7
...	24·239	−17·514	− 5	...	...
...	24·053	− 8·649	− 5	M	...
...	24·022	+38·171	− 4	...	...
271-330					
271					
*	−24·015	−48·412	1·00	46.7079	9·8
...	23·855	−42·736	− 3	...	...
...	23·729	− 6·372	0·80	46.7082	10·2
...	23·505	+45·447	− 5	...	...
...	23·495	−53·694	0·80	46.7081	10·0
...	−23·387	+ 1·581	− 3	...	...
...	23·229	−25·827	− 4	...	...
...	23·106	−34·199	0·70	...	...
...	23·029	+42·022	0·65	...	...
...	22·765	−39·259	− 5	M	...
281					
...	−22·733	−28·304	0·65	46.7083	10·4
...	22·606	+23·243	− 5	...	...
...	22·367	− 4·434	− 4	...	...
...	22·163	−32·040	− 5	M	...
...	22·153	−20·193	− 4	...	...
...	−22·011	−40·646	− 4	A	...
...	21·719	−20·916	− 4	...	...
...	21·680	+27·211	− 5	...	...
*	21·658	+23·307	0·95	45.7089	9·9
...	21·616	−49·962	− 5	...	...
291					
...	−21·585	− 5·364	− 4	...	...
...	21·507	+44·827	− 1	...	...
...	21·490	+14·230	− 3	...	...
...	21·234	+10·676	− 2	...	...
...	21·132	+34·304	0·65	...	...
*	−20·902	+ 1·785	0·95	45.7090	10·0
n	20·835	+ 0·864	− 4	45.7091	10·4
...	20·821	−21·193	− 3	...	...
n	20·781	+ 1·067	− 4	45.7091	10·4
...	20·721	+ 5·457	− 4	...	...
301					
...	−20·680	−20·365	− 5	M	...
...	20·656	−52·966	− 3	...	...
...	20·654	−21·619	− 4	...	...
...	20·538	−46·495	− 4	...	...
...	20·528	+24·591	0·70	45.7092	10·4
...	−20·421	−39·794	− 5	M	...
†	19·911	+12·153	− 4	...	...
...	19·754	+44·475	− 5	...	...
*	19·670	+20·502	0·90	45.7093	9·8
...	19·453	+29·539	− 3	...	...
311					
...	−19·446	+42·492	− 3	...	...
...	19·179	−52·902	− 4	...	...
...	18·961	−53·405	0·70	...	...
...	18·730	−50·802	− 5	M	...
...	18·191	+55·313	− 5	...	...
...	−18·074	−27·754	− 5	M	...
...	18·070	−56·966	− 4	...	...
*	18·033	+ 3·560	0·90	45.7094	9·8
...	18·031	−20·016	− 5	M	...
...	18·024	+ 6·416	− 4	...	...
321					
...	−17·833	−49·669	− 2	...	...
*	17·770	−46·463	0·90	46.7084	9·8
...	17·721	+20·604	− 5	...	...
*	17·635	−37·197	1·00	46.7085	9·8
...	17·487	−40·156	− 3	...	...
...	−17·290	+16·222	− 5	...	...
...	17·188	−11·848	− 4	...	...
...	17·144	−27·566	− 3	...	...
...	17·001	−24·241	− 5	M	...
...	16·900	+18·769	− 3	...	...
331-390					
331					
...	−16·872	+51·418	− 3	...	...
*	16·865	− 0·494	0·95	45.7095	9·6
...	16·672	−41·661	− 5	M	...
...	16·351	+12·241	− 5	...	...
†	16·187	+20·381	0·75	45.7096	9·6
...	−16·177	+53·084	− 5	...	...
...	16·049	−37·448	− 5	...	...
...	15·980	+49·665	0·80	45.7097	10·0
...	15·724	+37·576	− 3	...	...
...	15·689	−25·584	− 5	M	...
341					
...	−15·659	−13·672	− 4	...	...
...	15·163	+ 0·842	− 5	...	...
...	15·118	−35·211	− 5	...	...
...	15·091	−50·083	− 5	M	...
...	15·073	+14·154	− 2	...	...
...	−15·053	−20·679	− 5	...	...
†	15·029	−42·772	− 3	...	...
*	15·027	− 1·988	0·85	45.7098	9·8
†	14·979	−28·997	− 2	...	...
*	14·782	− 4·160	1·15	45.7099	9·6
351					
...	−14·766	+28·142	− 5	...	...
...	14·726	+32·243	− 2	45.7100	10·4
...	14·667	−19·423	− 5	...	...
S *	14·607	−13·425	2·50	46.7086	8·2
...	14·541	− 9·032	− 2	46.7087	10·4
...	−14·537	−46·204	− 5	...	...
...	14·056	−14·469	− 5	...	...
...	13·905	+52·431	− 2	...	...
*	13·812	+11·782	1·10	45.7101	9·6
...	13·691	−50·016	− 5	...	...
361					
...	−13·492	−36·060	− 2	...	...
...	13·283	−15·347	− 5	...	...
...	13·185	−24·921	− 2	46.7088	10·4
...	13·056	− 9·744	− 5	...	...
...	12·942	+25·194	− 5	...	...
...	−12·750	+41·474	− 3	...	...
*	12·687	−34·589	0·80	46.7089	10·2
*	12·639	+ 3·703	0·90	45.7102	9·7
...	12·178	−42·080	− 5	...	...
*	12·095	+52·850	1·05	45.7103	9·8
371					
...	−12·017	+ 7·795	− 5	...	...
...	11·765	+30·726	− 5	...	...
...	11·511	−56·457	0·70	46.7090	10·4
*	11·248	+27·052	0·80	45.7104	9·9
*	10·837	+ 6·752	1·10	45.7105	9·6
...	−10·782	−29·752	− 5	M	...
...	10·743	− 4·993	− 4	...	...
...	10·115	−56·634	− 5	...	...
...	9·775	+12·921	− 4	...	...
...	9·761	−37·082	− 4	...	...
381					
S *	− 9·671	+25·946	2·00	45.7106	8·2
...	9·643	+49·041	− 1	45.7107	10·4
...	9·634	+18·203	− 3	...	...
...	9·553	−45·248	− 5	...	...
*	9·504	−37·844	1·05	46.7091	9·7
...	− 9·100	−10·712	0·65	46.7092	10·2
...	9·082	−56·476	− 5	M	...
...	9·081	− 1·642	− 5	M	...
...	8·882	−57·986	− 5	M*m*	...
...	8·849	+34·516	− 5	...	...

297, 299. C.P.D., mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
391–450					
391					
*	− 8′·571	−10′·931	0·80	46°·7093	10·2
...	8·501	−45·580	− 2	...	...
...	8·476	−49·097	− 2	...	...
...	8·452	+30·063	− 4	45.7108	10·4
...	8·313	−39·849	− 5	M *m*	...
...	− 8·153	−44·936	− 1	46.7094	10·4
...	8·015	−18·028	− 5	M *m*	...
...	7·972	−17·746	− 2	...	...
...	7·901	+44·564	− 5	...	...
*	7·699	−53·315	0·95	46.7095	9·8
401					
...	− 7·545	−21·009	− 5	M *m*	...
...	7·244	+26·913	− 5	...	...
...	7·243	−23·665	− 4	...	...
...	7·225	+29·218	− 5	...	...
*	7·095	−23·331	1·10	46.7096	9·4
...	− 6·849	− 3·844	− 5	M *m*	...
...	6·570	−43·697	− 5	M *m*	...
...	6·482	+ 8·080	− 4	...	...
...	6·339	−35·858	− 5	*m*	...
...	5·931	+20·159	0·70	45.7109	10·0
411					
...	− 5·771	−56·002	− 5	*m*	...
...	5·734	−18·511	− 3	...	...
...	5·702	+37·075	0·70	45.7111	10·4
...	5·702	−41·057	− 5	...	...
*	5·626	− 3·695	1·10	45.7110	9·6
†	− 5·402	−14·531	− 5	*m*	...
...	5·280	+37·058	− 5	...	...
...	5·253	−54·154	− 4	...	...
...	4·762	+19·917	− 2	...	...
...	4·647	−21·612	− 5	M *m*	...
421					
...	− 4·400	− 4·515	− 3	...	...
...	4·378	−46·921	0·65	46.7097	10·2
...	3·821	−41·575	− 4	*m*	...
...	3·731	+10·136	− 3	...	...
*	3·620	−17·202	0·85	46.7098	10·0
...	− 3·518	+22·891	− 5	...	...
...	3·431	−38·457	− 5	M *m*	...
...	3·261	−35·159	− 5	M *m*	...
*	3·152	+44·161	0·80	45.7112	10·2
...	3·145	+55·609	− 5	...	...
431					
S *	− 3·056	−56·681	2·10	46.7099	8·4
...	3·029	−34·939	− 4	M *m*	...
...	2·964	+50·097	0·65	45.7113	10·4
...	2·834	+36·847	− 5	...	...
...	2·798	−53·603	− 5	M *m*	...
...	− 2·590	−36·747	− 3	...	...
...	2·545	+53·342	− 3	...	...
...	2·103	+22·484	− 5	...	...
*	1·817	−32·719	3·00	46.7100	7·7
...	1·668	−13·623	− 2	...	...
441					
*	− 1·583	−57·307	0·90	46.7101	9·8
...	1·577	−44·993	− 5	M *m*	...
*	1·492	−13·595	0·95	46.7102	9·6
...	1·432	−16·167	0·70	46.7103	10·2
...	1·365	+59·032	− 4	...	...
...	− 1·296	−29·930	− 3	...	...
...	1·242	+14·503	− 5	...	...
...	0·780	−38·592	− 3	...	...
...	0·765	+19·244	− 5	...	...
...	0·665	+34·827	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
451–510					
451					
...	− 0′·118	−22′·264	0·80	46°·7105	10·0
...	+ 0·136	−28·234	− 5	...	...
...	0·332	+51·228	0·70	...	...
...	0·337	−42·768	− 5	*m*	...
...	0·377	−40·211	− 3	...	...
...	+ 0·408	+14·325	− 4	...	...
...	0·426	−54·041	0·75	46.7106	10·2
...	0·750	−25·080	− 4	...	...
*	0·937	+19·933	1·10	45.7114	9·7
*	1·303	+44·545	0·80	45.7115	10·0
461					
...	+ 1·579	+35·372	− 4	...	...
...	1·634	+35·193	− 2	...	...
...	1·964	+29·519	− 2	...	...
...	2·277	+50·766	− 5	...	...
...	2·296	−28·040	0·70	46.7107	10·4
...	+ 2·314	+ 0·741	− 4	α *m*	...
...	2·440	+40·738	− 5	...	...
...	2·480	+ 3·656	− 3	...	...
...	2·976	+59·767	− 4	...	...
*	3·099	+41·231	1·00	45.7116	9·7
471					
...	+ 3·153	+43·145	− 2	...	...
...	3·154	−45·768	0·65	...	...
...	3·227	− 7·491	− 4	...	...
...	3·405	−22·753	− 2	...	...
...	3·420	−46·933	− 4	...	...
...	+ 3·485	+38·513	0·65	45.7117	10·2
...	3·558	− 0·118	− 3	...	...
...	3·895	−29·056	− 4	...	...
...	3·907	−32·550	− 5	M *m*	...
...	4·126	− 8·718	− 3	...	...
481					
...	+ 4·131	−58·359	− 5	...	...
...	4·205	−38·625	− 5	M *m*	...
...	4·502	−48·112	− 5	M *m*	...
...	4·865	−22·925	− 4	...	...
...	5·198	−57·303	− 5	M *m*	...
...	+ 5·334	+14·184	− 5	...	...
...	5·621	−16·284	− 4	...	...
...	5·691	−33·044	− 5	M *m*	...
...	5·753	+11·831	− 5	...	...
...	6·103	−45·087	− 4	...	...
491					
...	+ 6·373	+36·439	0·65	...	...
...	6·441	− 6·814	− 5	M *m*	...
...	6·536	−32·336	− 3	...	...
...	6·543	−50·640	− 5	...	...
...	6·612	−35·994	− 2	...	...
*	+ 6·805	+29·703	1·05	45.7118	9·6
...	6·846	+43·490	− 5	...	...
...	6·891	−11·893	− 5	M *m*	...
...	6·952	−55·334	− 5	...	...
*	7·068	+60·068	1·05	44.7067	9·8
501					
...	+ 7·483	−19·506	− 5	...	...
...	7·531	−23·328	− 5	M *m*	...
...	7·609	−42·593	− 5	*m*	...
...	7·614	− 8·894	− 4	...	...
...	7·652	+53·887	0·65	...	...
...	+ 7·731	+56·487	− 5	...	...
...	7·779	+30·081	− 3	...	...
...	7·848	+24·925	− 3	...	...
...	7·887	−40·021	− 5	M *m*	...
*	8·127	+ 9·708	2·10	45.7119	8·7

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
511–570					
511					
...	+ 8′·165	− 2′·911	− 3	° ...	...
...	8·253	−19·802	− 5	*m*	...
...	8·264	−46·867	− 4	...	...
...	8·295	− 4·691	− 5	...	...
*	8·320	−18·004	0·90	46.7108	10·0
...	+ 8·479	+13·210	− 5	...	...
...	8·574	+13·489	− 5	...	...
...	8·872	−22·110	− 5	*m*	...
...	8·966	+12·665	− 4	...	...
...	9·080	+23·013	− 5	...	...
521					
...	+ 9·460	−42·918	− 5	...	...
...	9·488	−23·839	− 5	*m*	...
...	9·619	+35·713	− 5	...	...
...	9·728	+11·921	0·80	45.7120	10·2
...	9·904	−40·133	− 5	...	...
...	+10·054	−41·978	− 2	46.7109	10·4
...	10·085	−38·352	− 4	...	...
‡	10·092	+54·825	0·90	44.7069	9·8
... [	10·168	+26·626	− 5	*a*	...
... [	10·169	+26·657	− 2	45.7121	10·4
531					
...	+10·206	−24·306	− 5	*m*	...
...	10·261	−38·151	− 5	...	...
...	10·271	+23·724	− 4	...	...
...	10·508	+36·450	− 5	...	...
...	10·592	−46·678	− 5	*m*	...
...	+10·813	−36·715	− 4	...	...
...	11·021	−18·821	− 5	*m*	...
...	11·088	+ 0·718	− 4	α	...
...	11·212	−38·341	− 4	...	...
...	11·286	+27·971	− 5	...	...
541					
*	+11·374	−40·682	1·80	46.7110	8·9
...	11·641	−12·525	0·70	46.7111	10·4
...	11·697	−13·226	0·70	46.7112	10·4
...	11·789	−56·510	− 4	...	...
...	11·883	+30·797	0·80	45.7122	10·0
...	+11·970	+46·490	− 5	...	...
...	12·273	−11·096	− 5	...	...
†	12·507	+35·323	− 3	...	...
...	12·650	−26·460	0·70	46.7113	10·4
...	12·706	−58·162	0·85	46.7114	10·2
551					
...	+12·724	+45·025	− 5	...	...
...	13·059	−57·416	− 3	...	...
...	13·364	+18·462	0·80	45.7123	9·9
*	13·486	+43·939	1·10	45.7124	9·7
...	13·512	+ 4·633	− 3	...	...
...	+13·635	+37·837	− 3	...	...
...	13·643	+17·074	0·70	45.7125	10·4
...	13·759	+37·790	− 3	...	...
...	13·995	−27·690	− 5	*m*	...
...	14·179	+ 9·555	− 5	...	...
561					
...	+14·288	−40·269	− 2	...	...
...	14·291	+32·895	− 5	...	...
*	14·342	+52·374	0·90	45.7126	10·0
...	14·703	+49·074	− 3	...	...
...	14·790	+ 1·887	− 3	...	...
...	+14·891	+47·739	− 1	...	...
‡	14·916	−52·367	1·90	46.7115	8·8
...	15·130	+49·294	0·70	...	...
*	15·150	+40·659	1·00	45.7127	9·6
...	15·311	+44·062	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
571–630					
571	′	′		°	
...	+15·415	+41·797	− 5	...	...
...	15·488	−41·996	− 4	...	...
...	15·579	− 4·425	− 5	*m*	...
...	15·610	+37·597	− 4	...	...
...	15·731	+41·339	− 5	...	...
†	+15·936	+15·310	− 4	45.7128	10·4
...	15·985	+27·411	− 2	45.7130	10·4
...	16·047	+28·404	− 2	45.7129	10·4
...	16·164	+40·021	− 5	...	...
...	16·266	+15·987	− 1	...	...
581					
*	+16·415	− 1·512	1·00	45.7131	9·8
...	16·453	−30·112	− 1	...	...
...	16·495	+25·197	− 5	...	...
...	16·566	+ 1·784	− 5	...	...
...	16·567	−32·522	− 2	...	...
...	+17·059	− 1·013	− 5	*m*	...
...	17·203	+41·433	− 5	...	...
...	17·469	+36·655	− 4	...	...
...	17·602	+ 5·544	− 5	...	...
...	17·625	−16·146	− 4	...	...
591					
...	+17·809	+39·027	− 5	*m*	...
...	17·932	−26·273	− 5	*m*	...
...	17·982	−23·410	− 3	...	...
...	18·128	−29·069	− 5	*m*	...
...	18·458	−28·623	− 5	*m*	...
...	+18·738	+27·039	− 2	45.7132	10·4
...	18·878	+34·911	− 4	...	...
†	19·166	+45·209	− 4	...	...
...	19·292	+52·827	− 5	...	...
...	19·347	−58·324	− 5	*m*	...
601					
*	+19·401	+44·846	0·90	45.7133	10·0
...	19·610	+ 8·963	− 5	...	...
...	19·746	−57·169	− 5	*m*	...
...	19·751	−58·581	− 5	*m*	...
...	20·196	+ 2·398	− 5	...	...
...	+20·424	+32·496	0·65	45.7134	10·4
...	20·485	−41·741	− 5	*m*	...
...	20·532	−44·213	− 5	*m*	...
*	20·550	−15·242	0·95	46.7119	9·8
*	20·603	−56·093	0·90	46.7120	10·2
611					
...	+20·705	+56·237	− 3	...	...
*	20·710	+52·500	1·05	45.7135	9·8
*	20·913	−37·497	1·20	46.7121	9·2
*	20·940	+55·762	0·85	44.7082	10·4
...	21·334	−33·052	− 5	...	...
...	+21·658	−42·253	− 5	*m*	...
...	21·683	+27·028	− 4	...	...
...	21·941	+30·219	− 4	...	...
...	21·953	− 5·903	− 4	...	...
...	22·982	−39·159	− 5	*m*	...
621					
...	+23·050	+24·784	− 4	...	...
...	23·128	−39·447	− 5	*m*	...
...	23·236	+42·979	− 5	...	...
S *	23·421	+21·392	2·05	45.7136	8·3
...	23·720	+44·946	− 5	...	...
...	+23·896	+36·864	− 5	...	...
...	24·004	+ 2·495	0·70	45.7137	10·4
*	24·060	−12·806	1·15	46.7122	9·6
...	24·198	+36·696	− 4	...	...
...	24·274	−40·524	− 5	*m*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
631–690					
631	′	′		°	
N [	+24·811	−44·706	− 4	...	...
N [	24·831	−44·745	− 3	...	...
...	25·257	− 6·798	− 5	*m*	...
...	25·293	− 9·074	− 5	*m*	...
*	25·312	+38·200	0·80	45.7138	10·2
...	+25·667	− 4·941	− 2	...	...
...	26·139	+ 1·308	− 5	...	...
...	26·179	−21·691	− 4	...	...
...	26·305	+28·100	− 4	...	...
...	26·335	+51·515	− 5	...	...
641					
...	+26·431	−36·182	− 5	*m*	...
...	26·744	−19·693	− 1	46.7123	10·4
...	26·919	+57·407	− 5	...	...
...	27·178	−31·332	− 5	*m*	...
...	27·478	−58·933	− 4	...	...
*	+27·499	+20·932	0·80	45.7139	10·2
*	27·523	− 7·924	1·15	46.7124	9·6
...	27·654	−28·239	− 4	...	...
...	27·661	−44·189	− 1	46.7125	10·4
...	27·805	−14·916	− 3	...	...
651					
S *	+27·848	+57·359	1·05	44.7090	9·3
...	27·980	+33·371	− 3	...	...
...	28·001	−30·066	− 5	*m*	...
...	28·358	−29·209	− 3	...	...
...	28·574	+59·912	− 3	...	...
...	+28·601	−48·332	− 5	*m*	...
...	28·779	−16·658	− 2	...	...
...	28·857	−35·246	− 4	...	...
...	28·971	+ 2·308	− 5	...	...
...	29·052	+12·395	− 5	*m*	...
661					
...	+29·072	−22·583	− 5	*m*	...
...	29·303	−23·539	− 5	*m*	...
...	29·311	−19·143	− 4	...	...
...	29·776	−31·041	− 5	*m*	...
†	29·961	+19·091	− 4	...	...
...	+30·147	+18·691	− 5	...	...
...	30·185	−23·629	− 3	...	...
...	30·218	+12·083	− 5	...	...
...	30·272	−44·871	− 4	*a*	...
...	30·573	−24·400	− 4	*a*	...
671					
...	+30·736	−28·571	− 5	*m*	...
*	30·818	−46·647	1·15	46.7127	9·4
...	30·899	+24·714	− 4	...	...
...	30·937	+27·973	− 1	...	...
...	30·941	−35·114	− 5	*m*	...
...	+30·988	−55·285	− 5	*m*	...
...	31·095	+45·918	− 5	...	...
...	31·119	+ 8·117	− 4	...	...
...	31·438	+50·542	− 4	...	...
...	31·464	−27·676	− 3	...	...
681					
...	+31·514	+ 5·685	− 5	...	...
*	31·674	− 8·014	0·95	46.7128	9·8
...	31·733	+33·670	0·70	45.7140	10·4
*	32·496	+14·259	3·00	45.7141	7·7
...	32·531	−45·234	− 3	...	...
...	+32·860	−48·256	− 5	*m*	...
...	32·985	+ 2·725	− 5	...	...
...	33·249	+31·362	− 4	...	...
S *	33·256	+ 8·972	2·70	45.7142	7·8
S *	33·899	−17·101	1·30	46.7129	9·2

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
691–750					
691	′	′		°	
...	+33·904	+38·167	− 5	...	...
*	34·343	+ 7·501	0·80	45.7143	10·2
*	34·437	−33·414	1·15	46.7130	9·3
...	34·694	−27·819	− 2	...	...
...	34·810	−43·982	− 5	...	...
...	+35·454	+53·719	− 4	...	...
...	35·673	− 7·522	− 2	...	...
*	35·712	+35·658	1·00	45.7144	9·7
...	36·335	−40·161	− 5	*m*	...
...	36·466	− 3·740	− 5	*m*	...
701					
...	+36·474	−25·354	− 1	*a*	...
*	36·801	−41·971	0·95	46.7132	10·0
*	36·973	+ 9·769	1·70	45.7145	8·9
...	37·045	−15·802	− 1	...	...
...	37·310	+ 2·946	− 5	...	...
...	+37·438	+41·681	− 5	...	...
...	37·531	−28·913	− 5	*m*	...
...	37·765	−24·168	− 5	*m*	...
*	37·807	+36·997	1·60	45.7146	9·0
...	37·824	+18·100	− 5	...	...
711					
...	+37·993	−53·098	− 3	...	...
...	38·231	−36·187	− 5	*m*	...
...	38·306	+56·906	− 5	...	...
...	38·598	+29·865	0·70	...	...
*	38·633	+53·725	0·90	45.7147	10·0
...	+38·633	−20·057	− 3	...	...
...	38·855	−25·336	− 1	...	...
...	38·966	+51·987	− 5	...	...
...	38·994	+57·815	− 5	...	...
...	39·288	+46·409	0·65	...	...
721					
*	+39·338	+27·441	0·80	45.7148	10·0
...	39·426	−38·161	− 5	*m*	...
...	39·497	+ 9·392	0·70	45.7149	10·4
...	39·853	−15·930	− 4	...	...
...	40·148	− 1·628	− 5	...	...
...	+40·150	−54·373	− 5	*m*	...
...	40·272	−44·986	− 5	*m*	...
...	40·486	+16·490	− 4	...	...
...	40·512	− 9·810	− 3	...	...
...	40·749	−37·342	− 5	*m*	...
731					
...	+40·777	−33·600	− 5	*m*	...
...	40·858	+41·429	− 4	...	...
...	41·814	−30·978	− 4	...	...
*	42·216	− 7·488	1·10	46.7133	9·7
...	42·369	− 7·583	− 5	*m*	...
...	+42·397	−54·799	− 4	...	...
*	42·522	+ 1·757	1·70	45.7150	9·0
...	42·604	+38·881	− 4	...	...
...	42·633	−42·892	− 5	*m*	...
...	42·739	−45·527	− 5	*m*	...
741					
...	+42·789	+57·772	− 4	...	...
...	42·862	+18·023	− 5	...	...
*	42·865	− 2·690	1·00	45.7151	9·8
*	43·223	−21·093	1·50	46.7134	9·3
...	43·384	+41·713	− 2	...	...
...	+43·393	−23·072	− 3	...	...
* [	43·452	− 1·149	1·30	45.7153	9·7
...	43·493	+ 4·474	− 5	...	...
*	43·695	+21·447	2·20	45.7154	8·4
...	43·741	+ 3·713	− 5	...	...

631, 632. 47°·90, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
751–790					
751				°	
...	+43·937	+29·744	− 5	...	...
...	44·039	+57·371	− 5	...	...
*	44·122	+51·740	1·10	45.7152	9·8
...	44·155	+ 6·211	− 4	...	...
...	44·171	+32·618	− 5	...	...
S *	+44·260	−48·030	1·70	46.7135	9·3
...	44·834	+36·333	− 5	...	...
†	44·838	−41·129	− 5	...	...
...	45·193	−14·391	− 5	*m*	...
...	45·249	+53·513	0·70	...	...
761					
...	+45·354	+17·666	− 3	...	...
...	45·419	− 7·169	− 4	...	...
‡	45·542	−39·595	0·80	46.7137	10·2
*	45·641	−10·145	0·75	46.7136	10·2
...	45·667	− 1·227	− 3	...	...
...	+46·936	+42·948	− 5	...	...
...	47·140	−37·939	− 5	*m*	...
...	47·303	−17·731	− 3	...	...
...	47·448	+ 6·987	− 3	...	...
...	47·467	+35·547	− 4	...	...
771					
...	+47·475	−32·013	− 5	*m*	...
...	47·596	+43·107	0·80	45.7155	10·4
...	47·744	−38·104	− 5	*m*	...
...	47·815	+11·989	− 3	...	...
*	47·878	+ 2·779	0·75	45.7157	10·4
...	+47·887	−23·963	− 5	*m*	...
*	48·115	+52·515	1·15	45.7156	10·0
...	48·149	−38·990	− 5	*m*	...
*	48·799	−38·909	1·80	46.7138	9·2
...	48·804	+41·581	0·75	...	...
781					
...	+49·294	−14·765	− 3	...	...
...	49·310	+ 5·573	− 5	...	...
...	49·413	− 2·905	− 2	...	...
...	49·453	+10·441	− 5	...	...
n	49·523	− 5·712	− 1	45.7158	10·4
...	+49·648	+53·722	0·65	...	...
n	49·691	− 5·764	− 1	45.7158	10·4
...	50·023	−39·662	− 1	...	...
...	50·120	+42·890	− 1	...	...
...	50·447	−43·737	− 5	*m*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
791–830					
791				°	
...	+50·641	− 1·038	− 2	...	...
...	50·701	−26·543	0·70	46.7139	10·4
...	50·781	−12·106	− 5	*m*	...
...	50·999	+ 1·867	− 5	...	...
...	51·309	−44·795	− 4	...	...
...	+51·325	+26·780	− 5	...	...
...	51·361	− 5·143	− 4	...	...
...	51·767	+ 7·315	0·75	45.7159	10·4
...	52·241	−20·117	− 5	*m*	...
*n**	52·249	−51·501	1·35		
801				46.7141	9·4
n	+52·415	−51·378	− 1		
S *	52·582	−36·974	2·05	46.7142	8·3
*	52·645	+33·857	1·70	45.7160	9·3
...	52·653	−10·032	0·65	...	...
...	52·852	+47·755	0·70	...	...
...	+52·896	− 4·516	− 3	*e*	...
*	52·952	−45·846	2·20	46.7146	8·2
*	52·960	−40·845	1·05	46.7144	9·9
...	53·156	−23·597	− 5	*m*	...
*	53·322	−14·087	0·85	46.7145	10·0
811					
...	+53·660	−53·313	0·70	46.7148	10·2
...	53·671	−17·147	− 5	*m*	...
...	53·717	−27·688	− 5	*m*	...
...	53·813	+12·586	− 5	...	...
*	53·933	−16·528	0·80	46.7147	10·4
*	+54·239	+11·178	0·85	45.7161	10·4
...	54·821	+41·798	− 1	...	...
†	54·862	−18·646	− 1	...	...
†	54·880	−42·606	0·65	...	...
‡	54·886	−22·775	1·00	46.7149	9·3
821					
†	+54·897	− 5·782	− 5	*m*	...
...	55·129	+18·203	− 5	...	...
...	55·177	+52·622	− 5	...	...
*	55·305	+32·441	2·20	45.7162	8·4
*	55·475	−17·685	1·90	46.7151	8·7
...	+55·650	− 6·724	0·65	...	...
...	55·759	−30·557	− 5	...	...
...	56·487	−35·871	− 5	*m*	...
...	56·498	+41·518	0·70	...	...
...	56·544	−49·834	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
831–856					
831				°	
...	+56·552	−40·041	− 4	...	...
...	56·887	+12·679	− 5	...	...
*	57·061	+56·174	1·90	44.7117	9·2
...	57·122	+ 5·015	0·70	...	...
...	57·207	+12·183	− 2	...	...
...	+57·215	−17·187	− 5	*m*	...
...	57·265	+39·720	− 5	...	...
...	57·338	−14·066	0·75	46.7152	10·2
...	57·596	−38·248	− 5	*m*	...
...	57·624	+50·278	0·65	45.7163	10·0
841					
...	+57·694	−12·596	0·65	...	...
...	57·835	−59·405	− 4	46.7153	10·4
...	58·118	+36·157	− 4	...	...
...	58·160	−13·589	0·65	...	...
...	58·331	+43·174	− 4	...	...
...	+58·643	+23·072	− 5	...	...
...	58·688	+41·232	− 5	...	...
...	58·837	+59·092	− 4	...	...
...	58·891	−23·582	− 5	*m*	...
...	58·911	−34·127	− 5	*m*	...
851					
...	+59·238	+22·640	− 5	...	...
...	59·477	+49·117	− 5	...	...
...	59·610	− 5·314	− 5	*m*	...
...	59·625	− 1·900	− 5	*m*	...
...	59·662	−53·143	− 5	...	...
...	+59·680	+47·397	− 5	...	...

785, 787. C.P.D., mass.
800, 801. C.P.D., suspected double.

I					
1–10					
...	−59·436	+17·454	− 5	...	...
S *	58·454	−48·263	1·70	46.7135	9·3
...	58·271	−10·347	0·65	46.7136	10·2
...	57·986	+42·947	− 2	45.7155	10·4
...	57·762	+52·370	0·90	45.7156	10·0
†	−57·440	−39·789	0·65	46.7137	10·2
...	57·010	+ 6·830	− 5	...	...
...	56·793	+11·849	− 5	...	...
...	56·734	+41·455	− 2	...	...
...	56·442	+ 2·648	− 2	45.7157	10·4

II					
11–20					
...	−54·725	− 2·982	− 4	...	...
n	54·523	− 5·777	− 3	45.7158	10·4
...	54·470	−14·839	− 5	...	...
n	54·353	− 5·833	− 3	45.7158	10·4
*	54·191	−38·997	1·70	46.7138	9·2
...	−53·548	− 1·080	− 5	...	...
...	52·964	−39·712	− 5	...	...
...	52·872	+47·758	− 4	...	...
...	52·693	+ 7·304	− 3	45.7159	10·4
...	52·687	−26·584	− 2	46.7139	10·4

21					
21–30					
*	−52·642	+33·860	1·20	45.7160	9·3
...	51·256	−10·025	− 3	...	...
...	51·191	− 4·482	− 5	E	...
...	50·705	+41·871	− 5	...	...
S *	50·471	−36·952	2·05	46.7142	8·3
...	−50·468	−14·055	− 2	46.7145	10·0
*n**	50·363	−51·467	1·25	46.7141	9·4
...	50·347	+11·238	0·65	45.7161	10·4
n	50·189	−51·351	− 4	46.7141	9·4
†	49·989	−40·800	0·80	46.7144	9·9

ES measured from 1, 75, 151, 246, 338.
MJ ,, ,, 51, 124, 206, 297, 396.

12, 14. C.P.D., mass.
27, 29. C.P.D., suspected double.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
31–90					
31	′	′		°	
‡	−49·941	+32·530	2·10	45.7162	8·4
*	49·826	−45·801	2·10	46.7146	8·2
...	49·778	−16·453	− 1	46.7147	10·4
...	49·030	+41·624	− 3	...	...
*	48·944	+56·292	1·50	44.7117	9·2
...	−48·882	−53·230	− 3	46.7148	10·2
...	48·780	−18·543	− 3	...	...
*	48·639	−22·672	1·15	46.7149	9·3
...	48·368	− 6·613	− 4	...	...
...	48·194	+50·428	0·70	45.7163	10·0
41					
*	−48·184	−17·566	1·90	46.7151	8·7
...	48·000	−42·492	− 4	...	...
...	47·418	+12·332	− 5	...	...
...	47·281	+ 5·176	− 3	...	...
...	47·255	+36·333	− 5	...	...
...	−46·456	−13·888	− 2	46.7152	10·2
...	46·138	−12·415	− 5	...	...
...	45·657	−13·387	− 5	...	...
...	45·241	+50·934	0·85	45.7164	9·8
...	44·995	+55·877	− 4	44.7118	10·4
51					
...	−44·767	+36·071	− 3	...	...
...	44·519	−59·197	− 5	46.7153	10·4
...	44·217	+36·409	− 2	...	...
...	43·506	+ 0·575	− 4	...	...
...	43·291	+13·125	− 5	...	...
S *	−43·006	+12·006	1·00	45.7165	9·4
...	42·973	+21·345	− 2	45.7166	10·4
...	42·965	+55·551	0·70	44.7120	9·8
...	42·920	+26·334	0·65	...	...
*	42·812	−11·117	1·00	46.7155	9·6
61					
*	−42·552	−16·526	1·05	46.7156	9·2
...	42·457	+39·580	− 2	45.7167	10·4
*	41·299	−34·980	1·00	46.7158	9·2
...	41·288	−51·057	− 5	...	...
...	41·236	−50·414	− 4	46.7157	10·4
...	−40·962	−27·270	− 3	46.7159	10·4
...	40·899	−33·726	− 3	...	...
...	40·846	−48·897	− 5	...	...
...	40·843	−30·323	− 5	...	...
*	40·491	+37·007	1·00	45.7168	9·1
71					
...	−40·314	+ 4·483	− 4	...	...
...	40·212	+52·165	− 4	...	...
...	40·207	−35·548	− 2	...	...
‡	40·011	+52·242	1·00	45.7172	9·2
...	39·772	+16·170	− 3	45.7169	10·4
...	−39·671	+14·234	0·70	45.7170	9·8
...	39·502	+ 7·132	0·70	45.7171	10·0
...	39·391	+18·660	− 3	...	...
....	39·059	− 5·693	− 5	...	...
†	38·711	+15·030	− 3	...	...
81					
...	−38·121	+ 5·820	0·75	45.7173	9·8
...	38·052	+14·838	− 5	...	...
...	37·884	−28·395	− 2	46.7160	10·2
...	37·846	+58·541	0·90	44.7124	9·8
...	37·404	−20·306	− 2	46.7161	10·4
...	−36·758	−18·901	− 4	...	...
...	36·492	−48·211	0·75	46.7162	10·2
...	36·152	−13·718	− 2	...	...
...	35·841	−29·703	− 2	46.7163	10·2
...	35·779	+52·919	0·75	45.7174	10·0
91–150					
91	′	′		°	
...	−34·842	− 3·045	− 2	45.7175	10·4
...	34·637	−20·593	− 5	...	...
...	34·335	− 5·006	− 4	...	...
...	34·011	+57·160	0·75	44.7127	10·0
...	33·505	− 6·206	− 4	...	...
...	−33·092	+28·458	− 2	45.7177	10·4
...	32·783	+21·368	− 2	45.7178	10·4
...	32·778	− 5·518	− 3	45.7176	10·4
...	32·563	−14·811	− 3	46.7165	10·2
*	32·534	+16·590	0·80	45.7179	9·8
101					
*	−31·550	−38·343	0·95	46.7166	9·8
...	31·187	−50·816	− 5	...	...
...	31·174	+55·649	− 4	...	...
...	30·910	−30·005	− 5	...	...
*	30·878	+35·750	1·80	45.7180	8·7
...	−30·822	−28·023	− 2	46.7167	10·2
...	30·716	−48·018	− 5	...	...
...	30·229	−54·318	− 4	...	...
...	29·613	+43·140	− 5	...	...
...	29·540	+ 8·665	− 5	...	...
111					
...	−29·394	+20·787	− 2	45.7181	10·4
...	29·234	+21·078	− 4	...	...
...	28·774	+54·036	0·90	44.7134	9·9
*	28·714	−57·296	1·00	46.7168	9·8
...	28·206	+ 9·460	− 4	...	...
...	−27·950	+58·367	− 4	...	...
...	27·714	+17·333	− 3	45.7182	10·2
...	27·217	+37·266	− 1	45.7183	10·2
...	26·959	+39·777	− 3	...	...
...	26·950	+16·495	− 5	...	...
121					
...	−26·843	− 9·785	− 3	46.7169	10·4
...	26·431	+25·406	− 5	...	...
...	25·826	+11·999	− 5	...	...
...	24·780	−35·903	0·80	46.7170	10·0
...	24·547	− 8·807	0·70	46.7171	10·2
...	−24·357	−22·726	− 2	46.7172	10·4
...	23·932	+31·982	− 5	...	...
...	22·891	−47·995	0·85	46.7173	10·2
...	22·889	−22·003	− 2	46.7174	10·4
...	22·459	+24·612	− 4	...	...
131					
*	−21·748	+33·731	1·00	45.7184	9·6
...	21·465	−17·826	− 5	...	...
*	21·389	+21·092	1·00	45.7185	9·8
...	19·602	−56·412	− 5	...	...
*	19·312	+54·397	1·00	44.7145	9·6
...	−19·289	+36·361	− 4	...	...
...	18·771	+ 9·788	0·70	45.7186	10·0
...	18·507	−28·229	0·70	46.7176	10·2
...	18·255	−29·434	− 1	46.7177	10·4
...	18·144	−17·737	− 2	...	...
141					
S *	−17·788	+48·228	1·65	45.7188	8·6
...	17·788	−16·906	− 4	...	...
...	17·599	+ 8·381	0·75	45.7187	10·0
S *	17·429	−39·622	6·80	46.7178	4·7
...	15·813	+46·017	− 2	...	...
...	−15·784	−47·306	0·85	46.7180	9·8
...	15·743	+19·362	0·70	45.7189	9·9
...	15·506	+55·857	− 3	...	...
...	15·400	−53·316	− 5	...	...
*	15·319	+47·579	1·60	45.7190	8·8
151–210					
151	′	′		°	
...	−14·339	−24·693	− 5	...	...
...	14·235	−24·965	− 3	46.7183	10·2
...	13·953	+40 253	− 2	...	...
...	13·809	−22·745	− 5	...	...
...	13·805	−13·919	− 2	46.7184	10·0
*	−13·700	+14·168	1·00	45.7191	9·6
...	13·432	+24·228	− 4	...	...
...	13·304	−41·536	− 4	...	...
...	13·105	+36·991	0·65	45.7192	10·2
*	12·263	+37·279	1·30	45.7193	9·2
161					
...	−11·608	−38·632	− 2	46.7185	10·2
*	11·528	+25·579	1·35	45.7194	8·9
...	11·385	+25·637	0·70		
*	11·162	+13·812	1·10	45.7195	9·3
...	10·952	+40·904	− 3	...	...
...	−10·654	−35·501	− 2	46.7186	10·4
...	10·314	+47·355	− 5	...	...
*	9·547	−43·582	1·60	46.7187	9·1
...	8·628	+ 0·971	− 5	...	...
...	8·545	− 3·705	0·75	45.7196	10·0
171					
*	− 8·059	+33·636	1·00	45.7197	9·7
...	7·885	+56·169	− 5	...	...
...	7·786	−23·077	− 3	...	...
*	7·764	−32·682	1·40	46.7189	8·9
...	7·383	− 8·206	0·80	46.7190	9·8
...	− 6·704	+34·229	− 5	...	...
*	6·654	+26·561	1·05	45.7198	9·6
...	6·547	+36·537	− 5	...	...
*	6·072	+21·641	1·10	45.7199	9·4
...	6·001	−43·193	− 4	...	...
181					
...	− 5·438	−46·750	− 4	...	...
*	5·410	+27·363	1·00	45.7200	9·6
...	5·308	−18·915	− 4	...	...
...	5·116	−39·146	− 3	...	...
†	5·059	+55·815	− 3	44.7163	10·4
...	− 4·772	+21·806	− 3	...	...
...	4·519	−18·050	0·75	46.7191	10·0
...	4·507	+12·957	− 3	45.7201	10·4
*	4·110	−36·990	1·70	46.7194	9·2
...	4·081	−53·027	0·80	46.7192	9·9
191					
...	− 4·023	+32·842	− 5	...	...
...	4·017	−56·028	0·70	46.7193	10·2
...	3·851	−31·979	0·85	46.7195	9·8
...	3·666	+23·245	− 5	...	...
...	3·314	−12·323	− 5	...	...
...	− 3·283	−40·730	− 3	...	...
...	3·203	+31·496	− 4	...	...
*	3·164	−25·768	0·85	46.7196	9·8
*	3·072	+54·663	1·25	44.7164	9·3
*	2·307	− 4·322	1·70	45.7202	8·9
201					
...	− 2·295	−40·367	− 5	...	...
...	1·989	−21·464	0·75	46.7198	9·9
...	1·549	− 6·165	0·85	46.7199	9·8
...	1·346	− 8·013	0·75	46.7202	10·2
S *	− 1·295	−13·337	1·60	46.7201	9·1
...	+ 0·381	−53·275	− 4	...	...
...	0·543	−30·928	0·65	46.7203	10·2
...	0·602	−19·694	0·70	46.7204	10·4
...	1·337	+25·681	− 5	...	...
...	1·477	+42·592	− 2	45.7203	10·4

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
211–270					
211					
*	+ 1·819	+58·338	1·40	44.7165	9·0
...	1·944	−16·740	− 1	46.7205	10·0
...	2·059	− 3·386	0·90	45.7204	9·8
*	2·383	−41·533	1·00	46.7206	9·6
S *	3·158	+33·148	1·90	45.7205	8·9
...	+ 3·726	−38·570	− 4	...	...
...	4·017	+40·986	− 3	...	...
*	4·017	−32·366	0·95	46.7208	9·8
...	4·024	−42·665	− 5	...	...
*	4·127	+33·042	1·00	45.7206	9·3
221					
...	+ 4·733	+23·874	− 5	...	...
...	5·397	+53·750	− 5	...	...
...	5·441	+54·508	− 5	...	...
...	5·858	−54·388	− 5	...	...
n	6·298	−24·333	− 2	46.7210	10·0
n	+ 6·440	−24·518	0·75		
...	6·692	−37·204	− 2	46.7211	10·4
...	6·884	−44·030	− 2	...	...
...	7·250	+22·115	− 2	...	...
...	7·583	+52·454	− 2	...	...
231					
...	+ 7·616	−43·930	− 5	...	...
*	7·711	−42·809	1·00	46.7212	9·6
*	7·834	+56·380	1·00	44.7171	9·7
...	8·078	+43·784	− 4	...	...
...	8·256	+47·519	− 3	...	...
...	+ 8·481	+53·697	− 5	...	...
...	8·554	+53·075	− 1	...	...
f	8·698	+ 0·173	− 1	45.7207	10·1
*	8·706	−14·104	1·20	46.7213	9·3
...	8·887	−59.602	− 3	...	...
241					
...	+ 8·900	−54·466	− 5	...	...
...	8·943	−34·781	− 2	...	...
†	8·978	+19·963	− 5	...	...
...	9·512	−57·311	− 3	46.7214	10·4
*	9·842	+21·234	1·00	45.7208	9·6
...	+10·371	−37·192	− 4	...	...
...	10·378	+ 5·068	− 5	...	...
...	10·777	+38·283	− 5	...	...
*	11·120	+25·324	1·60	45.7209	8·8
...	11·377	+52·487	− 5	...	...
251					
...	+11·548	+33·997	− 5	...	...
*	11·853	+41·868	1·50	45.7210	8·5
n	12·104	−14·546	− 5	46.7216	10·2
...	12·189	−52·311	− 2	46.7217	10·1
...	12·195	− 8·804	− 3	46.7215	10·4
n	+12·286	−14·749	− 4	46.7216	10·2
...	12·569	−23·830	− 5	...	...
...	12·585	− 9·575	− 5	...	...
...	12·652	+14·512	− 5	...	...
S *	12·998	+48·544	2·05	45.7211	7·6
261					
...	+13·537	+37·439	− 3	45.7212	10·2
...	13·563	−48·204	0·75	46.7218	9·7
...	13·688	+42·394	− 5	45.7213	10·2
...	13·870	− 0·878	− 5	...	...
...	14·048	−49·623	0·65	46.7219	10·1
...	+15·017	+ 2·862	− 5	...	...
...	15·619	−48·806	− 1	46.7220	9·9
...	15·846	+13·890	− 3	45.7214	10·2
...	16·956	−54·274	− 5	...	...
...	17·083	+38·404	− 4	45.7215	10·2
271–330					
271					
...	+17·137	− 4·312	− 3	45.7216	10·2
...	17·155	+41·848	− 5	...	...
...	17·735	+27·660	− 4	...	...
...	18·001	+31·924	− 4	45.7217	10·2
...	19·092	+ 2·144	0·85	45.7218	9·7
...	+19·582	−55·222	0·70	46.7221	9·8
S *	19·622	−56·056	1·15	46.7222	9·0
*	19·646	+40·196	0·85	45.7219	9·8
...	19·704	− 0·558	− 3	45.7220	10·2
...	20·005	+58·287	0·85	44.7181	9·8
281					
...	+20·108	−15·885	− 5	...	...
...	20·232	−40·934	− 4	...	...
...	20·950	−12·147	− 5	...	...
...	21·035	+15·547	0·95	45.7221	9·7
...	21·077	−34·502	− 5	...	...
...	+21·298	+37·072	− 2	45.7222	10·1
...	21·449	+ 3·671	− 3	45.7223	10·2
...	21·530	+31·576	− 3	...	...
*	21·834	−57·166	1·10	46.7223	9·4
...	22·429	+59·219	− 5	...	...
291					
...	+23·206	−22·635	− 4	...	...
...	23·541	+20·697	− 5	...	...
...	24·450	−45·558	− 5	...	...
...	24·457	+13·425	− 4	...	...
...	24·608	+41·186	− 5	...	...
*	+24·704	− 8·082	0·95	46.7224	9·4
...	25·212	−32·049	0·85	46.7225	9·7
...	25·692	−42·049	− 2	...	...
...	26·065	−24·983	− 3	...	...
...	26·080	− 3·373	0·70	45.7224	10·0
301					
...	+26·093	− 6·983	− 5	...	...
...	26·136	−44·476	0·75	46.7226	9·8
...	26·278	+ 0·319	− 5	...	...
...	26·592	+ 6·261	0·80	45.7225	10·0
...	26·659	+26·407	− 2	...	...
...	+26·794	+33·516	− 4	...	...
...	27·220	−28·040	0·75	46.7227	9·8
...	27·418	− 3·401	− 3	...	...
...	27·675	−35·533	− 2	...	...
...	27·693	−33·518	− 2	46.7228	10·1
311					
...	+27·806	−38·411	− 5	...	...
...	28·115	+11·515	− 4	...	...
...	29·052	−19·103	− 2	46.7229	10·2
...	29·130	− 7·099	− 5	...	...
...	29·502	+46·237	− 4	...	...
...	+29·556	+30·792	− 4	...	...
...	29·599	−13·540	− 2	...	...
...	29·631	−32·903	− 3	...	...
*	29·637	+44·272	1·15	45.7226	9·2
‡	29·827	+46·342	1·20	45.7227	9·4
321					
†	+30·222	+ 5·082	0·70	45.7228	10·0
...	30·653	−46·819	0·85	46.7231	9·7
...	30·719	−27·909	− 2	46.7230	10·2
...	31·402	−21·814	− 2	...	...
...	31·464	+ 2·975	− 2	45.7229	10·2
...	+31·952	−52·515	1·00	46.7232	9·7
...	32·237	+13·709	− 2	...	...
...	32·294	+34·082	− 2	...	...
...	32·381	+22·674	− 4	...	...
...	32·422	+51·843	− 3	...	...
331–390					
331					
...	+32·702	−46·822	0·70	46.7233	10·2
...	32·764	+56·487	− 1	44.7202	10·1
...	33·168	−52·869	− 4	...	...
†	33·396	−59·774	1·00	46.7234	9·6
*	33·698	+22·937	1·60	45.7230	8·5
...	+34·232	−40·162	− 3	46.7235	10·1
...	34·674	−40·012	− 4	...	...
...	34·957	+56·880	− 5	...	...
...	35·691	−57·355	− 4	...	...
...	35·701	+20·052	− 1	45.7231	10·0
341					
...	+35·806	− 8·643	− 2	...	...
...	35·886	+27·525	− 3	45.7232	10·2
...	35·985	+22·608	− 5	...	...
...	36·338	+30·063	− 3	45.7233	10·2
...	36·468	+39·688	− 5	...	...
...	+36·626	−28·787	− 5	...	...
...	36·942	+21·596	− 2	45.7234	10·1
*	37·521	+ 3·335	0·90	45.7236	9·7
...	37·595	+13·930	− 5	...	...
...	37·663	− 1·568	− 4	...	...
351					
...	+37·678	+43·362	− 3	45.7235	10·1
...	37·696	−38·512	− 3	46.7236	10·1
*	37·821	+15·566	1·05	45.7237	9·2
...	38·387	+15·054	− 2	45.7238	10·2
...	38·862	+ 2·371	0·70	45.7239	9·8
...	+38·864	− 2·044	0·70	45.7240	10·0
...	39·026	−40·692	0·65	46.7237	9·8
...	39·365	+20·687	− 2	...	...
...	39·762	+20·704	− 3	...	...
†	39·818	+34·450	− 2	45.7241	10·2
361					
‡	+39·873	+22·465	1·05	45.7242	9·4
...	39·929	+ 5·846	− 5	...	...
...	39·934	−35·871	0·75	46.7238	9·8
...	40·319	+29·073	0·80	45.7243	9·6
...	41·199	−19·606	− 2	46.7239	10·0
...	+41·329	+27·417	− 4	...	...
...	41·486	− 2·939	− 1	45.7244	10·2
S *	41·706	+18·583	1·20	45.7245	8·7
...	42·007	−37·982	− 5	...	...
...	42·531	+20·293	− 3	45.7246	10·2
371					
...	+42·583	+12·607	− 5	...	...
n	42·950	+41·637	− 5	45.7247	10·2
...	43·023	−33·412	− 3	46.7240	10·2
n	43·143	+41·751	− 5	45.7247	10·2
*	43·235	+ 1·107	0·90	45.7248	9·8
...	+43·272	+16·141	− 5	...	...
...	43·463	− 0·569	0·65	45.7249	9·8
*	43·504	−28·391	1·00	46.7241	9·4
...	43·846	+28·328	− 4	...	...
...	43·916	−35·309	− 5	...	...
381					
...	+43·979	+53·133	− 4	...	...
...	44·004	−52·615	− 5	...	...
...	45·249	+22·155	− 5	...	...
...	45·253	+ 0·578	− 2	45.7250	10·1
*	45·784	+16·817	1·00	45.7251	9·4
...	+46·422	−27·793	0·70	46.7242	9·8
...	46·958	+28·321	0·65	45.7252	9·9
...	48·053	+39·078	− 5	...	...
...	48·058	+ 5·807	− 5	...	...
...	48·103	−55·916	1·10	46.7243	9·4

225, 226. C.P.D., suspected double.
253, 256. C.P.D., probably mass.
372, 374. C.P.D., mass

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
391–400					
391					
...	+48·253	−41·975	− 3	...	...
...	48·266	−58·068	1·05	46.7244	9·7
...	49·028	−41·642	− 3	46.7246	10·1
*	49·467	−39·025	1·05	46.7247	9·6
...	49·551	−15·233	− 4	...	...
‡	+49·872	+11·588	1·00	45.7253	9·6
...	50·173	−12·152	− 5	...	...
...	50·400	−26·139	− 3	...	...
S *	50·444	−43·971	1·05	46.7250	9·4
...	50·734	− 6·974	0·80	46.7248	9·8
401–410					
401					
*	+51·482	−23·688	1·05	46.7251	9·2
...	51·577	−17·266	− 3	...	...
S *	51·677	−22·778	1·40	46.7252	8·6
...	52·253	−50·805	− 1	46.7253	10·0
...	52·372	+35·211	− 5	...	...
...	+52·970	−59·031	− 3	46.7255	9·9
...	52·975	−15·101	− 2	46.7254	10·2
...	53·659	−21·966	− 2	...	...
...	54·149	−13·440	0·65	46.7256	10·0
*	54·333	−14·032	1·00	46.7257	9·4
411–419					
411					
...	+55·058	+10·976	0·75	45.7254	9·8
...	56·283	+ 1·606	0·80	45.7255	9·7
...	56·293	−25·863	− 4	...	...
...	57·278	+ 5·545	− 3	...	...
...	57·299	+56·508	− 5	44.7224	10·2
...	+57·329	+34·224	− 2	45.7256	10·1
...	58·003	+13·806	− 4	...	...
...	58·163	−18·198	− 5	...	...
...	59·253	+37·660	1·00	45.7257	9·6

	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
1–40					
1					
...	−59·809	−28·643	0·80	46.7241	9·4
R	59·660	+21·915	− 5	...	...
...	58·977	+ 0·352	− 3	45.7250	10·1
*	58·953	+16·598	1·00	45.7251	9·4
...	58·153	+28·146	− 4	45.7252	9·9
...	−56·919	−27·955	− 2	46.7242	9·8
R	56·337	+ 5·672	− 4	...	...
R	55·763	− 6·733	− 5	...	...
R	54·742	+13·073	− 4	...	...
*	54·709	+11·488	0·90	45.7253	9·6
11					
R	−54·639	−42·072	− 5	...	...
...	54·383	−56·023	0·70	46.7243	9·4
...	54·198	−15·295	− 5	...	...
...	54·145	−58·160	− 1	46.7244	9·7
...	53·894	−41·723	− 5	46.7246	10·1
...	−53·678	−12·202	− 5	...	...
...	53·530	−39·086	0·75	46.7247	9·6
...	53·260	− 7·025	0·65	46.7248	9·8
...	53·016	−26·186	− 5	...	...
R	52·987	+14·574	− 5	...	...
21					
...	−52·942	+35·175	− 5	...	...
S *	52·404	−44·007	0·95	46.7250	9·4
...	52·108	−17·276	− 5	...	...
*	51·985	−23·683	1·05	46.7251	9·2
S *	51·819	−22·778	1·55	46.7252	8·6
...	−50·783	−15·079	− 4	46.7254	10·2
...	50·687	+45·097	− 5	...	...
...	50·378	−50·765	− 5	46.7253	10·0
...	49·875	−21·889	− 4	...	...
...	49·658	−13·364	− 2	46.7256	10·0
31					
...	−49·493	+11·038	0·75	45.7254	9·8
*	49·441	−13·950	1·00	46.7257	9·4
...	49·400	−58·967	− 4	46.7255	9·9
...	48·719	+56·613	− 5	44.7224	10·2
R	48·107	−25·203	− 4	...	...
...	−47·986	+ 1·718	0·70	45.7255	9·7
...	47·969	+34·353	− 3	45.7256	10·1
...	47·118	−25·703	− 5	...	...
...	47·107	+ 5·700	− 3	...	...
...	46·664	+13·962	− 4	...	...
41–80					
41					
*	−46·159	+37·858	0·90	45.7257	9·6
R	45·493	−17·998	− 4	...	...
...	45·161	+57·591	0·80	44.7225	9·4
...	44·265	+26·906	− 1	45.7258	9·8
*	43·674	−23·458	1·20	46.7259	8·7
R	−43·542	−20·975	− 5	...	...
...	43·171	+16·276	− 2	45.7259	9·8
...	42·700	−35·509	− 5	...	...
...	42·599	+ 4·853	− 2	45.7260	10·2
*	42·353	−31·347	1·10	46.7261	8·8
51					
...	−41·278	+32·328	− 1	45.7261	9·8
...	41·155	+18·972	− 3	...	...
...	40·964	−28·106	− 5	...	...
*	40·904	−27·358	1·00	46.7262	9·2
*	40·478	− 8·728	0·75	46.7263	9·6
...	−40·236	− 8·778	− 5	...	...
...	40·192	−52·073	− 5	...	...
...	39·990	+22·701	0·75	45.7262	9·7
*	39·761	−16·149	0·85	46.7264	9·4
...	39·367	+51·948	− 5	...	...
61					
R	−39·059	+ 9·718	− 5	...	...
R	38·712	+17·874	− 5	...	...
...	38·712	−31·191	− 3	46.7265	10·1
...	38·663	+ 9·180	− 5	...	...
...	38·454	−42·937	− 2	46.7266	9·8
R	−38·154	+15·783	− 5	...	...
R	37·849	+16·606	− 5	...	...
...	37·690	+23·295	− 2	45.7263	9·8
R	37·646	− 2·628	− 5	...	...
*	37·592	−49·013	0·85	46.7267	9·4
71					
...	−36·823	− 0·333	0·65	45.7264	9·8
...	36·620	+23·073	− 2	45.7265	9·9
R	36·332	−34·708	− 5	...	...
...	35·993	+11·417	− 5	...	...
...	35·868	− 0·203	− 3	...	...
...	−35·789	+20·857	− 5	...	...
R	35·764	+ 3·600	− 5	...	...
R	35·728	−30·785	− 5	...	...
...	35·675	+32·804	− 5	...	...
...	35·645	− 2·584	0·65	45.7266	10·0
81–120					
81					
...	−35·524	+13·594	− 4	...	...
...	34·979	−39·479	− 3	46.7269	10·1
...	34·821	+46·814	− 5	...	...
...	34·788	+ 8·211	− 3	45.7267	10·2
...	34·155	+43·301	− 4	45.7268	10·2
...	−34·096	+25·946	− 5	...	...
...	33·943	+50·085	− 5	...	...
...	33·432	+ 1·729	− 5	...	...
R	33·265	+44·516	− 5	...	...
...	32·766	−25·756	− 4	...	...
91					
*	−32·436	+43·754	0·95	45.7269	9·4
...	31·672	+33·742	− 2	45.7271	10·0
...	31·534	+ 6·352	− 5	...	...
...	31·437	− 9·201	− 5	...	...
*	31·409	+ 3·124	0·80	45.7270	9·6
...	−30·849	−57·969	− 5	...	...
...	30·734	−53·755	− 5	46.7271	10·1
...	30·621	−20·469	− 2	46.7272	9·9
†	30·093	−41·320	− 3	46.7273	10·0
†	30·092	+24·639	− 2	45.7272	9·8
101					
R†	−30·091	− 2·760	− 4	...	...
...	30·032	−34·722	− 5	...	...
R	30·007	−22·582	− 4	...	...
...	29·834	+ 9·443	− 4	...	...
...	29·367	−32·027	− 5	...	...
R	−29·271	+27·392	− 5	...	...
R	29·181	− 8·617	− 4	...	...
R	29·120	+28·940	− 5	...	...
...	28·904	+12·742	− 5	...	...
...	28·614	−11·715	− 5	...	...
111					
R	−28·514	+13·700	− 5	...	...
R	28·459	+ 7·995	− 5	...	...
R	28·452	−56·457	− 5	...	...
...	28·365	−37·114	0·70	46.7274	9·8
*	28·319	−34·796	0·80	46.7275	9·4
*	−27·875	+37·486	0·95	45.7273	9·2
...	27·767	+21·103	− 4	...	...
*	27·743	+53·546	1·15	45.7274	9·2
...	27·739	+32·600	− 5	...	...
R	27·659	−52·452	− 5	...	...

MJ measured from 1, 133, 288, 448.
ES ,, ,, 44, 191, 363.

§ $10^{M}\cdot 8 = D, -5$.

Stars marked R in column 1 were measured by McC. in course of the Revision.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. §	C.P.D. No.	C.P.D. Mag.
121–180					
121	′	′		°	
S *	−27·360	+46·591	1·20	45.7275	8·7
...	26·934	+49·188	0·65	45.7277	9·7
...	26·911	+37·987	− 5	...	...
R	26·841	− 8·070	− 5	...	...
...	26·595	−47·286	− 4	46.7276	10·0
S *	−26·525	+ 9·128	1·15	45.7276	8·9
...	25·973	−48·533	− 5	46.7277	10·2
*	25·849	−11·533	0·85	46.7278	9·4
...	25·836	+ 0·730	− 5	...	...
...	25·382	−32·030	− 5	...	...
131					
†	−25·165	−11·880	− 5	...	...
R	25·029	+ 8·855	− 4	...	...
‡	24·844	−39·856	2·60	46.7279	7·6
...	24·704	+52·367	0·70	45.7279	9·7
*	24·648	+36·887	0·95	45.7278	9·4
R	−24·118	−12·543	− 4	...	...
...	24·079	+30·250	− 5	...	...
*	23·494	+28·820	1·80	45.7280	8·0
R	23·000	+14·385	− 4	...	...
R	22·665	− 6·025	− 5	...	...
141					
R	−22·473	−10·690	− 4	...	...
...	22·422	−38·293	− 2	46.7280	9·8
*	22·403	+13·793	0·95	45.7281	9·2
R	22·133	+58·726	− 5	...	...
...	22·006	+ 2·189	− 2	45.7282	10·1
...	−21·891	+48·527	− 2	45.7285	10·0
*	21·770	+36·675	0·95	45.7283	9·4
...	21·600	−38·822	− 5	...	...
R	21·516	+19·330	− 5	...	...
...	21·426	+26·271	− 3	45.7286	10·2
151					
F †	−21·412	+ 0·002	0·70	45.7284	9·8
R	21·207	− 4·457	− 5	...	...
...	20·923	+10·584	− 5	...	...
R	20·889	+26·429	− 5	...	...
...	20·270	+20·641	− 4	45.7287	10·0
R †	−20·112	−36·694	− 3	...	...
R †	20·109	+30·720	− 5	...	...
*	19·852	+18·723	1·00	45.7288	9·2
...	19·293	+26·419	− 4	45.7289	9·8
...	19·269	+26·474	− 4		
161					
R	−18·710	−35·245	− 4	...	...
R	18·554	−18·567	− 5	...	...
R	18·549	+19·299	− 5	...	...
R	18·034	−32·143	− 5	...	...
S *	17·146	−11·937	1·20	46.7281	8·9
*	−16·964	+43·850	1·10	45.7290	9·0
*	16·324	+58·112	1·00	44.7253	9·4
...	16·194	+16·202	− 5	45.7291	10·2
...	16·057	+59·540	− 4	44.7254	10·1
...	15·955	−41·957	0·75	46.7282	9·7
171					
*	−15·746	+29·262	1·00	45.7292	9·0
R	14·469	−27·083	− 5	...	...
...	14·202	−48·315	− 1	46.7283	9·8
R	13·781	+44·342	− 5	...	...
...	13·689	+21·529	− 4	...	...
...	−13·634	−43·757	− 4	46.7284	10·2
R	13·037	+40·848	− 4	...	...
R	12·957	+25·685	− 4	...	...
R	12·944	−33·523	− 5	...	...
...	12·917	+59·501	0·75	44.7257	9·7
181–240					
181	′	′		°	
*	−12·750	−27·536	1·00	46.7285	9·0
R	12·176	−35·825	− 5	...	...
...	11·982	−58·099	0·70	46.7286	9·7
R	11·952	−16·999	− 5	...	...
R	11·939	+57·101	− 5	...	...
R	−11·898	−18·228	− 5	...	...
*	11·771	− 4·651	1·05	45.7293	9·0
...	11·130	+ 2·867	− 5	...	...
*	10·694	−51·736	1·05	46.7287	9·2
...	10·472	+24·836	− 5	...	...
191					
†	−10·109	+22·637	− 2	45.7294	9·8
S *	9·885	−47·159	1·80	46.7288	7·8
†	9·843	+39·867	0·75	45.7295	9·4
†	9·798	+24·941	− 5	...	...
...	9·791	+ 1·849	− 3	...	...
...	− 9·438	−38·703	− 2	46.7289	9·9
...	9·328	−22·980	− 5	...	...
...	8·728	−55·292	− 3	46.7290	9·8
...	8·532	+36·122	0·65	45.7296	9·7
...	8·457	−18·259	− 4	46.7291	10·2
201					
R	− 8·426	+12·092	− 5	...	...
R	8·345	+47·624	− 5	...	...
*	8·309	−15·203	1·15	46.7292	9·0
...	7·620	+44·704	− 1	45.7298	9·8
...	7·612	− 3·663	− 3	45.7297	9·9
S *	− 7·117	+53·443	1·55	45.7299	8·5
...	7·090	−31·044	− 5	...	...
...	6·871	−12·703	− 5	...	...
...	6·755	−16·035	− 3	46.7293	9·8
...	6·744	+23·850	− 5	...	...
211					
R	− 6·362	+ 6·392	− 5	...	...
R	6·271	−47·601	− 5	...	...
...	6·192	+45·609	− 1	45.7300	9·8
...	5·694	+38·549	− 5	...	...
...	5·435	−36·623	− 5	46.7294	10·2
R	− 5·076	+ 7·905	− 5	...	...
...	5·000	+45·927	− 5	...	...
...	4·916	+25·479	− 3	45.7301	9·8
*	4·893	−12·703	1·00	46.7295	9·2
...	4·506	+ 0·870	− 4	45.7302	9·9
221					
...	− 4·336	−45·030	− 3	...	...
...	4·267	+21·429	− 5	...	...
...	3·664	−36·208	− 4	46.7296	10·2
...	3·640	+42·658	− 5	...	...
...	3·597	−16·318	− 3	46.7297	10·0
...	− 3·448	−18·957	− 4	46.7298	10·2
...	3·320	+ 1·127	− 5	...	...
...	3·254	− 3·788	− 5	45.7303	10·2
...	3·037	−25·908	− 5	...	...
R	2·948	+35·478	− 5	...	...
231					
...	− 2·886	−38·896	− 4	...	...
R	2·281	+56·369	− 5	...	...
*	2·135	+ 9·697	0·85	45.7304	9·2
R	1·938	+19·991	− 5	...	...
R	1·834	+32·677	− 5	...	...
...	− 1·769	+33·557	− 5	...	...
...	1·668	−21·142	− 4	46.7299	10·0
...	0·865	+33·679	− 2	45.7305	10·2
...	0·514	−49·549	− 3	46.7300	10·0
...	0·113	−27·530	− 3	46.7301	10·1
241–300					
241	′	′		°	
R	− 0·003	−40·243	− 5	...	...
R	+ 0·037	+11·441	− 5	...	...
N	0·201	+43·246	− 1	45.7306	9·6
*	0·313	+54·382	0·90	45.7307	9·4
R	0·466	+58·435	− 5	...	...
...	+ 0·877	+51·763	0·75	45.7309	9·7
S *	0·919	+10·109	2·75	45.7308	7·6
R	0·951	+ 0·417	− 5	*am*	...
...	1·387	+35·861	− 2	45.7310	9·7
...	1·571	+ 1·454	− 5	...	...
251					
R	+ 2·014	−48·835	− 5	...	...
...	2·042	−28·502	− 1	46.7302	9·7
...	2·162	+ 2·855	− 5	...	...
...	2·682	+49·144	− 4	45.7311	10·2
R	3·232	−45·912	− 5	...	...
...	+ 3·360	+46·333	− 3	45.7312	10·1
...	3·584	−45·386	− 5	...	...
R	3·597	−46·685	− 5	...	...
*	3·627	−33·222	0·90	46.7304	9·4
...	3·809	−59·262	− 3	46.7305	10·0
261					
†	+ 3·994	− 0·017	− 5	45.7313	10·2
...	4·562	−50·519	− 3	46.7306	9·9
R	4·656	− 3·593	− 5	...	...
R	4·692	−33·225	− 5	...	...
†	4·734	−29·182	− 5	...	...
†	+ 4·764	+34·143	− 4	45.7314	10·0
...	4·858	−42·890	− 2	46.7308	9·7
R	4·949	−46·596	− 3	...	...
...	5·228	+49·187	− 3	45.7315	10·1
...	5·432	−50·929	− 3	46.7309	9·9
271					
...	+ 5·490	−44·537	0·70	46.7311	9·6
...	5·491	−53·699	− 4	46.7310	10·1
R	5·511	+30·463	− 5	...	...
...	6·112	+31·718	0·65	45.7316	9·7
...	6·328	+13·265	− 1	45.7317	9·7
...	+ 6·632	+45·007	− 3	45.7318	10·2
...	6·657	+44·440	− 5	...	...
...	6·882	−43·011	0·70	46.7312	9·6
...	8·369	−52·974	− 5	...	...
...	8·560	+ 0·810	− 3	45.7319	10·0
281					
S *	+ 8·767	−20·790	0·85	46.7314	9·4
*	8·773	−27·702	0·85	46.7315	9·2
R	8·903	−44·174	− 5	...	...
R	9·080	+57·675	− 5	...	...
R	9·125	− 3·518	− 5	...	...
R	+ 9·200	+28·773	− 5	...	...
R	9·522	−24·480	− 5	...	...
...	10·019	−35·201	0·75	46.7317	9·7
...	10·105	+55·463	− 1	44.7278	9·8
*	10·298	+39·182	1·80	45.7320	8·3
291					
...	+10·315	−45·470	− 5	46.7318	10·2
*	10·335	+26·810	1·90	45.7321	7·8
*	10·482	+19·731	0·90	45.7322	9·2
...	10·913	+44·077	0·70	45.7323	9·6
...	12·168	+12·786	0·65	45.7324	10·1
...	+13·169	+38·841	− 5	...	...
*	13·618	+12·592	0·85	45.7325	9·6
R	13·674	−30·165	− 5	46.7319	10·2
...	13·702	+28·162	− 3	45.7326	10·2
R	13·710	−30·609	− 3	46.7320	10·2

M
§ 10·8=D, −5.
243. Nebulous.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. §	C.P.D. No.	C.P.D. Mag.
301–360					
301	′	′		°	
…	+14·420	+43·359	− 4	…	…
…	14·888	+18·574	0·75	45·7327	9·6
R	15·365	−21·448	− 3	…	…
…	15·521	−40·005	0·65	46.7321	9·7
*	15·832	+42·464	1·20	45.7328	8·6
R	+15·869	+22·685	− 5	…	…
R	16·216	− 7·058	− 5	…	…
R	17·277	−20·074	− 3	…	…
R	17·818	−28·869	− 5	…	…
‡	18·203	+ 9·881	1·90	45.7329	8·0
311					
†	+18·625	+39·839	0·65	45.7330	9·8
R	18·712	+50·111	− 5	…	…
…	18·942	−37·033	0·70	46.7323	9·7
R	19·354	+20·439	− 4	…	…
R	19·495	+41·854	− 5	…	…
…	+19·978	− 5·339	− 2	45.7331	9·7
…	20·046	− 5·308	− 5		
…	20·345	+27·456	− 3	45.7332	10·1
…	20·653	−36·528	− 5	46.7325	10·2
…	21·084	− 4·837	− 5	45.7333	10·2
321					
R	+21·303	−40·276	− 5	…	…
R	21·332	−30·128	− 5	…	…
…	22·004	−46·434	0·70	46.7326	9·8
R	22·035	− 7·989	− 4	…	…
R	22·878	+ 1·601	− 5	…	…
*	+23·279	+10·089	0·85	45.7334	9·6
*	23·285	+56·699	1·00	44.7292	9·4
R	23·322	−43·641	− 5	…	…
…	23·533	− 2·484	− 3	45.7335	10·1
R	23·634	+12·711	− 5	…	…
331					
…	+23·690	+25·179	− 3	45.7336	10·2
…	24·097	+ 4·899	− 4	45.7337	10·1
…	24·245	+19·473	− 4	45.7338	10·2
R	24·499	+49·107	− 5	…	…
…	25·178	−42·546	0·70	46.7327	9·7
*	+25·227	+33·615	1·05	45.7339	8·9
R	25·424	+22·167	− 5	…	…
…	25·715	+42·146	− 5	…	…
R†	25·728	−54·921	− 4	…	…
…	25·896	− 4·559	− 4	45.7340	10·2
341					
…	+25·971	−11·660	0·70	46.7329	9·6
…	26·019	−14·695	− 3	46.7328	9·9
…	26·104	−40·213	0·90	46.7330	9·6
R	26·163	+49·362	− 5	…	…
R	26·576	−33·086	− 5	…	…
…	+26·711	−11·704	− 2	46.7331	9·9
…	26·742	−47.583	− 5	…	…
*	26·839	+12·954	1·15	45.7341	8·8
…	27·549	+40·440	− 5	…	…
…	27·558	+16·961	− 4	…	…
351					
…	+27·740	+20·261	− 5	…	…
…	27·748	+38·777	− 1	45.7342	9·8
…	27·933	+ 9·848	− 5	…	…
R	28·095	−34·171	− 5	…	…
…	28·166	−20·693	− 2	46.7332	9·9
R	+28·194	−17·839	− 4	…	…
…	28·506	+18·951	− 1	45.7343	9·8
S*	28·707	+53·831	1·30	45.7344	8·8
…	28·907	−16·147	− 5	…	…
…	28·987	−50·928	− 3	46.7333	9·9
361–420					
361	′	′		°	
*	+29·361	+42·306	1·00	45.7345	9·2
R	29·524	+29·658	− 4	…	…
…	31·420	−57·065	− 5	…	…
…	31·654	−30·964	− 5	…	…
…	31·722	− 8·806	− 2	46.7335	9·8
…	+31·794	−24·194	− 5	…	…
…	31·992	−15·468	− 5	…	…
*	32·251	+29·737	0·85	45.7346	9·4
…	32·257	−57·497	0·65	46.7336	9·6
…	32·668	−30·702	− 4	…	…
371					
…	+32·672	−16·847	− 3	46.7337	9·8
*	33·025	+16·257	1·60	45.7347	8·6
…	33·221	−27·046	− 3	46.7338	9·8
…	33·417	+50·621	0·85	45.7348	9·4
R	33·516	+31·567	− 5	*a*	…
…	+33·760	+55·969	0·80	44.7303	9·6
…	33·801	+30·921	− 4	45.7349	10·2
R	34·364	+52·286	− 5	…	…
…	34·739	−25·604	− 4	46.7340	10·2
R	34·890	−50·507	− 5	…	…
381					
…	+35·006	−27·032	− 5	…	…
…	35·275	+19·452	0·65	45.7350	9·7
…	35·537	+ 9·707	− 5	…	…
…	35·625	+50·771	− 5	…	…
…	35·699	+33·606	− 5	…	…
…	+35·905	+52·921	− 5	…	…
…	36·164	+57·288	− 5	…	…
…	36·183	−52·563	− 1	46.7342	9·8
…	36·236	+21·408	− 1	45.7351	9·8
…	36·247	−19·100	− 2	46.7341	9·8
391					
R	+36·552	+33·921	− 5	…	…
R	36·586	−30·704	− 5	…	…
…	36·755	− 1·683	− 1	45.7352	9·8
…	37·006	+ 1·740	− 2	45.7353	9·8
…	37·021	+34·071	− 5	…	…
α†	+37·057	− 0·068	− 2	45.7354	9·8
…	37·190	−28·118	− 4	46.7343	10·2
*	37·727	+37·886	0·90	45.7355	9·4
…	37·978	−29·126	− 5	…	…
R	38·353	− 6·839	− 5	…	…
401					
R	+38·512	−48·487	− 5	…	…
…	38·763	+ 8·041	− 5	…	…
…	38·830	+39·465	− 3	45.7356	9·9
R	39·142	−36·042	− 5	*a*	…
…	39·547	+57·503	− 5	44.7312	10·2
R	+39·772	−35·496	− 5	…	…
…	39·792	+51·102	− 5	…	…
…	40·185	−54·049	− 5	…	…
…	40·720	+58·111	− 1	44.7314	9·9
…	41·040	+37·778	− 3	45.7357	10·0
411					
…	+41·176	−24·391	− 5	…	…
…	41·271	−24·735	− 5	…	…
…	41·364	− 5·202	− 4	45.7358	10·2
…	41·390	−56·922	− 5	46.7345	10·2
S*	41·841	+ 3·601	1·10	45.7360	9·0
…	+42·013	+29·661	− 3	45.7359	10·1
…	42·063	−38·622	− 5	…	…
…	42·403	−32·452	− 5	…	…
…	42·547	−16·684	− 5	…	…
…	42·632	+57·773	− 3	44.7319	10·1
421–480					
421	′	′		°	
R	+42·851	−58·722	− 5	…	…
*	42·960	+40·470	0·95	45.7361	9·4
…	43·093	+13·404	− 1	45.7362	9·8
R	43·819	−21·218	− 5	…	…
R	44·483	+53·723	− 5	…	…
R	+44·848	−44·793	− 5	…	…
…	44·898	−13·085	− 4	…	…
R	44·957	−28·133	− 5	…	…
…	44·985	− 4·811	− 4	…	…
R	45·132	−19·221	− 5	…	…
431					
R	+45·174	+41·930	− 5	…	…
S*	45·867	−45·647	1·50	46.7347	9·0
…	46·074	+ 6·799	− 4	45.7363	10·2
…	46·114	−44·460	− 3	46.7348	9·8
…	46·466	+36·168	− 5	…	…
…	+46·615	+14·097	− 5	…	…
…	46·643	+16·334	− 3	…	…
…	46·862	−35·562	− 5	46.7349	10·1
…	47·474	−45·669	− 5	46.7350	10·2
…	47·945	+40·770	− 3	45.7364	10·1
441					
…	+48·411	−52·200	− 5	46.7351	10·1
…	48·770	−16·012	− 5	…	…
S*	49·015	−27·537	1·00	46.7352	9·0
…	49·112	+41·699	− 5	45.7365	10·2
…	49·293	−18·334	− 5	…	…
†	+49·611	−36·105	− 4	46.7353	9·9
R	50·552	+24·516	− 5	…	…
…	50·582	−31·438	− 3	46.7354	10·1
…	50·646	−37·263	− 5	…	…
…	51·002	−37·245	0·80	46.7356	9·7
451					
*	+51·012	−35·747	1·00	46.7355	9·2
…	51·390	+13·491	− 5	…	…
R	51·792	+28·517	− 4	…	…
*	52·428	+ 1·890	1·00	45.7367	9·0
…	52·456	−21·987	0·70	46.7357	9·7
S*	+52·763	+36·998	1·40	45.7366	8·8
…	52·955	−24·040	0·75	46.7358	9·6
R	53·170	+45·461	− 5	…	…
…	53·725	−16·815	− 2	46.7359	9·8
†	53·818	−29·912	0·80	46.7360	9·7
461					
…	+53·832	+ 9·610	− 4	45.7368	10·2
…	53·933	− 3·353	− 5	…	…
…	54·475	−52·803	− 4	46.7361	9·8
…	54·948	−34·006	0·90	46.7363	9·6
R	55·030	−24·625	− 4	…	…
…	+55·109	−15·318	− 3	46.7362	10·1
…	55·114	−21·586	0·85	46.7364	9·6
*	55·722	+15·889	1·50	45.7369	9·0
…	56·254	+48·550	− 4	45.7370	9·9
*	56·329	−37·237	0·95	46.7365	9·2
471					
…	+56·746	−24·913	− 4	46.7366	10·2
R	57·100	+ 8·303	− 5	…	…
…	57·123	+18·139	0·90	45.7371	9·6
†	57·167	−19·962	0·65	46.7367	10·1
…	57·203	+ 3·987	0·65	45.7373	10·0
…	+57·675	+46·020	− 4	45.7372	10·1
…	57·727	−43·007	− 5	…	…
*	57·866	−47·143	1·50	46.7368	9·2
…	58·390	+27·042	− 5	…	…
…	58·620	+16·899	− 5	…	…

M
§ 10·8=D,−5.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. §	C.P.D. No.	C.P.D. Mag.
481–482					
481				°	
R	+58′·940	−51′·561	− 5	46.7369	10·1
...	59·454	+ 4·711	− 4	45.7374	10·0

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. ...	C.P.D. No.	C.P.D. Mag.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. ...	C.P.D. No.	C.P.D. Mag.

§ $\overset{M}{10\cdot8}$ = D, − 5.

1–40						41–80						81–120					
1				°		41				°		81				°	
...	−60′·194	+36′·263	− 5	M	...	...	−53′·321	+28′·502	− 1	...	...	...	−48′·357	+53′·490	− 3	...	...
...	59·778	−25·128	− 5	...	...	...	53·253	+13·465	− 2	...	...	*	48·233	−33·896	1·10	46.7363	9·6
...	59·742	−21·466	− 4	...	...	...	52·760	−24·475	− 5	M	...	...	48·184	+28·620	− 4	...	...
...	59·717	+23·438	− 5	...	...	...	52·725	−33·800	− 5	M	...	*	48·103	−52·714	1·20	46.7361	9·8
...	59·580	+35·138	− 5	...	...	...	52·689	− 2·416	− 5	M	...	...	47·997	+46·173	0·85	45.7372	10·1
...	−59·540	−58·994	− 3	...	...	...	−52·669	+35·353	− 5	M	...	...	−47·744	−20·725	− 4	A	...
...	59·400	−17·991	− 4	...	...	...	52·664	−31·466	0·85	46.7354	10·1	*	47·678	+18·276	1·05	45.7371	9·6
...	59·078	− 5·035	0·75	...	...	S *	52·607	+37·006	2·05	45.7366	8·8	...	47·393	+ 8·452	− 2	...	...
...	58·915	−13·306	0·80	...	...	...	52·469	+45·467	0·65	...	...	...	47·374	−51·317	− 5	M	...
...	58·879	+35·979	0·65	...	...	...	52·424	−37·294	− 3	...	...	...	47·253	+50·932	− 5	...	...
11						51						91					
...	−58·509	−19·420	− 3	...	...	*	−52·088	−35·771	1·60	46.7355	9·2	...	−47·190	+45·450	− 3	...	...
...	58·399	−28·342	− 3	...	...	*	52·065	−37·269	1·05	46.7356	9·7	...	47·154	+ 4·140	0·85	45.7373	10·0
...	58·355	+34·807	− 5	...	...	*	51·855	+ 1·914	1·60	45.7367	9·0	...	47·124	− 5·301	− 5	M	...
...	58·346	+ 6·613	0·80	45.7363	10·2	...	51·810	−13·392	− 5	M	...	...	47·018	−29·959	− 5	M	...
...	58·151	+ 1·607	− 5	M	...	...	51·756	+58·030	− 4	...	...	...	47·011	+39·314	− 5	M	...
...	−58·076	+16·157	0·85	...	...	...	−51·502	+36·660	− 4	A	...	...	−46·918	−45·383	− 5	M	...
...	58·043	+13·923	− 2	...	...	*	51·082	−21·971	1·05	46.7357	9·7	...	46·861	+38·504	− 5	M	...
...	57·969	−45·005	− 2	...	...	...	50·814	−56·796	− 5	...	...	...	46·759	+ 4·385	− 5	M	...
...	57·540	+40·621	0·80	45.7364	10·1	...	50·694	+ 9·659	0·80	45.7368	10·2	*	46·731	−37·088	1·25	46.7365	9·2
...	57·495	−42·771	− 5	M	...	*	50·525	−24·008	1·00	46.7358	9·6	...	46·693	−24·751	0·80	46.7366	10·2
21						61						101					
S *	−56·931	−45·828	2·05	46.7347	9·0	†	−50·309	+50·754	− 4	...	...	...	−46·691	+27·232	0·75	...	...
...	56·714	−44·641	0·90	46.7348	9·8	...	50·192	− 3·286	− 1	...	...	*	46·423	−19·798	0·85	46.7367	10·1
...	56·517	−44·833	− 5	M	...	*	49·988	−16·760	1·00	46.7359	9·8	...	46·415	+40·730	− 5	M	...
...	56·408	+41·593	0·75	45.7365	10·2	...	49·803	+34·602	− 5	M	...	...	46·196	−57·362	− 1	...	...
...	56·256	−35·707	0·80	46.7349	10·1	...	49·689	+ 3·020	− 5	M	...	...	46·160	− 7·311	− 4	M	...
...	−55·850	−35·768	− 5	M	...	...	−49·617	−15·795	− 5	M	...	...	−46·142	+17·104	− 2	...	...
†	55·321	−45·795	0·70	46.7350	10·2	...	49·588	−23·109	− 4	A	...	...	45·937	+53·759	− 3	...	...
...	54·962	−16·106	− 3	...	...	*	49·493	+48·656	1·05	45.7370	9·9	...	45·878	−33·077	− 5	M	...
...	54·422	+24·471	− 1	...	...	*	49·467	−29·832	1·10	46.7360	9·7	...	45·735	+40·700	− 3	...	...
...	54·354	−18·407	0·75	...	...	...	49·363	− 2·698	− 5	M	...	...	45·714	−26·575	− 4	A	...
31						71						111					
S *	−54·349	−27·615	1·55	46.7352	9·0	...	−49·236	+23·976	− 5	M	...	...	−45·563	+ 6·356	− 5	M	...
...	54·323	−51·223	− 3	...	...	...	49·183	−38·605	− 5	M	...	...	45·434	−44·420	− 5	M	...
...	54·190	−52·292	0·85	46.7351	10·1	...	49·029	+37·036	− 5	M	...	...	45·273	+49·377	− 1	45.7376	10·2
...	53·852	−47·439	− 5	M	...	*	48·996	+15·990	1·70	45.7369	9·0	*	45·229	+37·690	1·90	45.7375	8·8
...	53·795	+ 2·489	− 4	...	...	...	48·643	−15·220	0·85	46.7362	10·1	...	45·171	−42·801	− 1	...	...
...	−53·606	−21·687	− 5	M	...	...	−48·577	− 5·113	− 5	M	...	...	−45·152	−22·084	− 3	...	...
...	53·485	−36·160	0·95	46.7353	9·9	...	48·453	−13·814	− 5	M	...	...	45·055	−32·763	− 5	M	...
...	53·397	−42·921	− 5	M	...	...	48·450	+50·988	− 5	M	...	...	44·917	+ 4·949	0·75	45.7374	10·0
...	53·389	+ 1·251	− 5	M	...	*	48·441	−21·484	1·00	46.7364	9·6	*	44·883	−46·934	2·00	46.7368	9·2
...	53·361	−31·784	− 5	M	...	...	48·425	−24·521	− 2	...	...	...	44·738	−21·652	− 5	M	...

ES measured from 1, 191, 408, 597, 783.
MJ ,, ,, 113, 328, 517, 700, 907.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
121–180					
121	′	′		°	
…	−44·451	−45·945	− 4	…	…
†	44·394	−19·563	− 4	B	…
…	44·076	+ 7·436	− 5	M	…
…	43·925	+12·256	− 4	A	…
…	43·825	+40·922	− 4	…	…
…	−43·765	+ 6·365	− 4	…	…
…	43·744	+ 4·106	− 5	M	…
…	43·669	−51·333	0·75	46.7369	10·1
…	43·536	+ 6·136	− 5	M	…
…	43·302	−11·211	− 1	…	…
131					
*	−43·239	− 4·102	1·00	45.7377	9·7
*	43·107	+42·012	1·00	45.7378	9·8
…	43·068	−40·068	0·85	46.7371	10·2
…	42·833	−13·968	0·70	46.7374	10·2
…	42·828	−17·753	0·70	…	…
…	−42·760	+13·644	− 1	…	…
…	42·719	+40·409	0·90	45.7380	9·8
…	42·540	−20·578	− 5	M	…
…	42·355	+ 3·617	0·80	45.7379	10·1
…	42·160	+12·359	− 2	…	…
141					
…	−42·128	−31·773	− 1	…	…
…	42·110	−51·562	0·85	46.7375	10·1
…	42·055	−21·727	− 5	M	…
…	42·020	−35·269	− 5	M	…
…	40·575	+33·812	0·75	45.7381	9·8
†	−40·412	+44·608	0·90	45.7382	9·6
…	40·245	−14·180	− 5	M	…
*	40·077	− 8·152	0·95	46.7377	9·9
…	40·034	+37·385	− 4	…	…
…	40·033	+35·864	− 5	M	…
151					
…	−39·807	−37·212	− 4	B	…
…	39·740	−42·676	− 3	…	…
…	39·590	+31·494	0·75	45.7383	10·2
…	39·547	−30·445	− 3	…	…
…	39·530	−52·149	− 5	M	…
…	−39·318	−28·825	− 3	…	…
…	39·255	−32·869	0·70	46.7378	10·2
…	39·135	+46·150	− 4	…	…
…	39·124	+26·749	− 5	M	…
…	39·104	+13·767	− 4	M	…
161					
…	−38·901	−25·530	− 5	M	…
*	38·866	+32·925	0·95	45.7384	9·8
†	38·728	−34·588	− 4	…	…
…	38·660	−49·213	− 1	…	…
…	38·301	−42·779	− 3	…	…
…	−37·947	− 1·862	− 5	M	…
…	37·873	−43·900	− 3	…	…
…	37·583	+48·397	− 5	M	…
…	37·514	+33·010	− 4	M	…
…	37·372	−35·916	− 1	…	…
171					
…	−37·118	−35·984	− 5	M	…
…	37·068	− 7·638	− 5	M	…
…	37·003	− 8·735	− 5	M	…
…	36·975	−31·932	− 3	…	…
…	36·885	+11·683	− 4	A	…
…	−36·625	+36·118	− 5	M	…
S *	36·622	− 6·015	1·80	46.7379	8·7
…	36·302	+25·505	− 5	M	…
SN*	36·260	+12·877	3·25	45.7385	7·7
*	36·126	+30·665	1·50	45.7386	9·2

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
181–240					
181	′	′		°	
…	−36·017	−15·591	− 4	B	…
…	35·836	−36·270	− 1	…	…
*	35·769	−58·027	1·20	46.7380	9·4
…	35·708	−11·408	− 2	46.7381	10·2
…	35·551	+44·343	− 4	…	…
*	−35·547	−10·322	1·50	46.7384	9·2
…	35·504	+12·026	− 5	M	…
†	35·475	+ 5·301	− 4	M	…
†	35·424	+49·462	− 3	…	…
†	35·394	+17·993	− 2	…	…
191					
…	−35·222	−35·733	0·75	46.7383	10·2
*	35·169	−47·801	1·10	46.7382	9·7
…	35·135	+13·859	− 5	M	…
…	35·054	−36·262	0·70	46.7385	10·2
…	35·027	+18·447	− 2	…	…
…	−34·868	+57·652	− 1	…	…
…	34·854	−57·802	− 5	M	…
*	34·580	−45·874	1·00	46.7386	10·1
…	34·527	−33·270	− 4	B	…
…	34·519	+12·882	− 3	A	…
201					
…	−34·263	+30·533	− 5	M	…
…	34·148	+57·499	− 5	…	…
*	34·090	− 3·957	0·90	45.7387	9·8
…	33·917	−35·634	− 1	…	…
†	33·868	+ 5·331	− 5	M	…
…	−33·732	+57·348	− 1	…	…
…	33·718	+58·178	− 5	…	…
…	33·661	−22·620	− 5	M	…
…	33·539	− 7·129	− 4	A	…
…	33·506	+41·381	0·75	…	…
211					
…	−33·501	−22·430	− 5	M	…
…	33·462	− 1·110	− 3	A	…
…	33·244	+14·878	− 4	M	…
*	33·114	−18·101	0·90	46.7387	9·9
…	33·069	−51·821	− 1	…	…
…	−32·648	−28·298	− 3	…	…
…	32·559	+25·157	− 5	M	…
…	32·405	−22·289	− 5	M	…
…	32·327	+36·027	− 4	…	…
…	31·949	−19·792	− 5	M	…
221					
…	−31·926	− 5·877	− 4	B	…
…	31·834	+29·022	− 2	…	…
…	31·833	−38·502	− 5	M	…
*	31·795	−13·630	1·00	46.7388	9·7
…	31·741	−39·382	− 5	M	…
…	−31·532	+49·600	− 5	…	…
…	31·425	− 1·225	− 1	…	…
…	31·282	− 3·388	− 3	…	…
*	31·281	−51·043	1·35	46.7389	9·2
…	31·247	− 8·531	0·80	46.7390	10·2
231					
…	−31·009	−10·179	0·65	46.7392	10·2
…	30·921	+ 1·287	− 4	M	…
…	30·777	+30·499	− 5	M	…
…	30·761	+53·258	− 4	A	…
…	30·688	−47·463	− 5	M	…
*	−30·648	−56·028	1·00	46.7391	10·0
*	30·518	+30·621	1·90	45.7388	8·8
*	30·501	+39·300	1·50	45.7389	9·0
…	30·333	−18·130	− 1	…	…
…	30·151	+44·399	− 2	…	…

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
241–300					
241	′	′		°	
*	−30·029	−41·812	1·00	46.7393	9·9
…	29·937	−40·830	− 5	M	…
…	29·702	+10·788	− 4	…	…
…	29·700	− 6·688	− 5	M	…
…	29·655	−48·563	− 4	B	…
…	−29·399	+19·216	− 5	…	…
…	29·341	− 3·324	0·85	45.7390	10·1
…	29·226	−46·775	0·75	46.7394	10·2
…	29·146	−47·150	0·70	46.7395	10·2
…	29·061	+25·835	− 5	M	…
251					
…	−29·035	− 2·265	0·80	45.7391	10·1
…	28·946	+40·510	− 1	…	…
…	28·934	+47·302	− 4	…	…
…	28·759	−22·602	− 4	…	…
*	28·656	+24·634	1·60	45.7392	9·0
…	−28·620	− 9·228	− 5	M	…
…	28·573	+33·922	− 5	M	…
…	28·490	−44·745	− 3	…	…
…	28·487	+15·719	− 5	M	…
…	28·333	+26·310	− 5	M	…
261					
…	−28·302	+ 2·011	− 4	…	…
…	28·150	+ 6·774	− 2	…	…
…	28·125	−24·287	− 5	…	…
*	28·111	−56·551	1·20	46.7396	9·6
…	28·038	− 5·202	0·65	…	…
…	−27·989	+45·552	− 5	M	…
…	27·789	−47·707	− 1	…	…
…	27·677	+32·556	− 1	…	…
…	27·613	+15·681	− 5	M	…
…	27·540	+36·262	− 5	M	…
271					
…	−27·497	+ 1·996	− 2	…	…
…	27·030	−45·067	− 2	…	…
…	26·873	+22·746	− 5	…	…
…	26·812	−10·222	− 2	…	…
…	26·672	+56·680	− 3	…	…
…	−26·650	+21·716	− 5	…	…
…	26·400	−15·024	− 5	M	…
*	26·208	−20·279	1·10	46.7397	9·6
…	25·992	+33·575	− 5	M	…
…	25·881	−26·471	− 4	…	…
281					
*	−25·643	−23·370	1·20	46.7398	9·4
…	25·614	−23·234	− 2	…	…
…	25·490	− 8·264	− 5	M	…
†	25·381	−51·607	0·70	…	…
†	25·354	−43·352	− 4	…	…
…	−25·238	−15·675	− 5	M	…
…	25·215	−12·726	− 5	M	…
…	25·167	−52·842	− 5	B	…
…	25·058	+27·927	− 5	M	…
…	24·977	−11·571	− 5	M	…
291					
…	−24·877	−52·969	0·85	46.7399	10·2
…	24·447	−53·138	0·95	46.7400	10·0
…	24·313	−42·604	− 5	M	…
…	23·998	+29·005	0·85	45.7394	10·1
*	23·913	− 5·228	0·90	45.7393	10·0
…	−23·534	−20·993	0·80	46.7402	10·0
…	23·503	−53·849	− 5	M	…
…	23·303	−48·055	− 5	M	…
…	22·902	−33·062	0·70	46.7403	10·2
…	22·784	+18·071	− 5	M	…

179. Remeasure, 1914, $y = +12'\cdot891$.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
301-360					
301	′	′		°	
...	−22·678	+25·881	− 5	M	...
*	22·638	−29·489	1·30	46.7404	9·4
...	22·534	−11·865	− 4	B	...
...	22·500	−48·388	− 5	M	...
*	22·443	−12·101	1·70	46.7405	9·2
...	−22·430	+31·213	− 5	M	...
...	22·309	− 7·319	− 5	M	...
...	22·236	−13·809	− 5	...	...
...	22·033	−14·836	− 4	...	...
...	21·817	+55·464	− 5	...	...
311					
...	−21·612	+41·427	− 2	...	...
...	21·580	+25·863	− 4	...	...
...	21·488	+33·555	− 3	...	...
...	21·485	−38·827	− 5	M	...
...	21·304	+ 6·607	− 5	M	...
... [	−21·282	−24·118	− 5	A	...
... [	21·238	−24·140	− 1	46.7406	10·2
...	20·997	−20·616	− 3	B	...
...	20·955	+52·189	− 3	...	...
*	20·938	+10·961	0·95	45.7395	9·9
321					
...	−20·884	+33·554	− 5	M	...
...	20·741	−41·663	− 3	...	...
...	20·733	+37·145	− 2	...	...
...	20·676	−50·983	− 4	A	...
...	20·538	−45·526	− 5	M	...
...	−20·535	−19·359	− 5	M	...
...	20·510	−43·419	− 3	...	...
...	20·153	−47·784	− 3	...	...
...	20·138	+ 7·701	− 4	...	...
...	19·907	−46·864	− 3	...	...
331					
...	−19·648	−39·689	− 3	...	...
...	19·535	−54·094	− 1	...	...
...	19·474	+32·243	0·70	45.7396	10·2
...	19·461	−13·801	− 4	...	...
...	19·389	− 5·048	− 5	M	...
*	−19·199	+48·118	0·95	45.7397	9·6
...	19·145	+31·878	0·80	45.7398	10·1
...	19·144	+44·945	− 3	A	...
...	18·878	−35·063	− 4	...	...
...	18·585	−43·583	− 1	...	...
341					
*	−18·463	− 7·337	1·50	46.7409	9·2
...	18·311	+47·186	− 5	...	...
...	18·264	−30·622	− 5	M	...
*	18·247	−51·787	2·80	46.7408	8·0
...	18·109	−38·818	− 4	...	...
*	−18·105	−52·339	1·25	46.7410	9·6
*	18·045	−37·903	1·20	46.7411	9·4
...	17·965	+26·227	− 5	...	...
...	17·903	−38·777	− 4	A	...
...	17·776	+ 0·008	− 5	M	...
351					
...	−16·950	+48·815	0·70	45.7399	10·2
...	16·907	+ 4·900	− 3	...	...
...	16·774	+53·947	− 4	...	...
...	16·664	+ 1·962	− 5	M	...
...	16·452	+49·598	− 5	...	...
...	−16·184	+55·033	− 4	...	...
*	15·931	−17·005	0·95	46.7412	9·8
...	15·892	+56·786	− 1	44.7373	10·2
...	15·872	+ 1·532	− 5	M	...
...	15·649	+52·736	− 4	...	...
361-420					
361	′	′		°	
...	−15·517	+10·723	− 5	...	...
...	15·322	+ 8·052	− 5	M	...
...	15·172	+52·869	− 3	...	...
...	15·135	−17·366	− 2	...	...
...	15·080	−31·319	− 5	M	...
...	−15·076	+19·744	− 5	M	...
...	15·036	+12·810	− 2	...	...
...	14·737	+59·382	− 5	...	...
...	14·717	−25·834	− 5	M	...
...	14·670	−32·582	− 2	...	...
371					
...	−14·600	−21·768	− 2	...	...
...	14·430	−34·303	0·70	46.7413	10·1
...	14·396	−47·857	− 5	M	...
...	14·209	−25·976	− 3	...	...
*	14·193	+21·313	1·00	45.7400	10·0
...	−14·181	−44·885	− 3	...	...
...	13·989	+38·575	− 5	M	...
...	13·928	−53·326	− 5	M	...
...	13·909	−52·138	− 3	...	...
...	13·886	−53·687	− 5	M	...
381					
S *	−13·529	−44·692	1·95	46.7414	8·6
...	13·097	+29·651	− 5	...	...
...	12·967	−59·359	− 3	...	...
...	12·921	−26·291	− 5	M	...
*	12·775	+39·348	1·85	45.7401	8·8
...	−12·716	−52·339	− 5	M	...
...	12·655	−38·101	− 4	...	...
...	12·549	−56·805	− 3	...	...
...	12·338	−36·234	0·65	46.7415	10·2
...	12·239	−29·462	− 2	...	...
391					
...	−12·121	−17·920	− 5	...	...
...	12·047	− 0·817	− 2	...	...
...	11·927	+34·844	− 5	M	...
...	11·914	+10·682	− 4	M	...
...	11·784	+15·017	0·65	45.7402	10·2
*	−11·469	+43·480	1·00	45.7403	9·6
*	11·438	− 7·825	1·60	46.7416	9·2
...	11·239	−42·722	− 3	...	...
*	11·186	+47·165	1·10	45.7404	9·4
...	11·172	−53·682	0·75	46.7417	10·1
401					
...	−11·151	−22·566	0·90	46.7418	9·9
...	11·137	−59·223	− 3	...	...
...	11·127	− 8·620	− 4	...	...
...	11·037	−53·710	− 5	...	...
...	11·005	+55·063	− 4	...	...
*	−10·676	−12·792	1·00	46.7420	9·8
†	10·511	−52·791	− 3	46.7419	10·2
...	10·258	−59·040	− 5	M	...
...	10·231	−26·043	− 4	...	...
...	10·204	+56·457	− 5	M	...
411					
...	− 9·995	+ 4·107	− 5	M	...
...	9·953	+17·414	0·65	45.7405	10·2
...	9·756	−38·427	− 5	M	...
...	9·733	+33·436	− 5	M	...
...	9·607	+ 1·312	− 5	M	...
...	− 9·462	−30·968	− 4	...	...
*	9·300	+18·296	1·20	45.7406	9·6
...	8·992	+54·626	− 5	...	...
...	8·853	−10·047	− 3	...	...
...	8·784	+48·329	0·75	45.7407	10·2
421-480					
421	′	′		°	
†	− 8·784	−54·468	− 3	...	...
...	8·582	−40·022	0·80	...	...
...	8·537	+ 1·792	− 5	M	...
...	8·407	− 6·979	0·85	46.7421	9·9
*	8·270	−45·853	1·70	46.7422	9·0
...	− 8·259	−14·730	− 4	A	...
...	8·069	−25·398	− 5	M *m*	...
...	8·018	−36·681	0·80	46.7424	10·1
...	7·972	−20·983	0·70	46.7423	10·2
*	7·944	− 7·995	0·95	46.7425	9·8
431					
...	− 7·533	−55·869	− 5	*m*	...
	7·226	+37·603	0·65	...	...
...	7·223	−50·353	− 5	M *m*	...
*	7·214	−28·551	1·40	46.7426	9·2
...	7·072	+44·773	0·70	45.7408	10·2
...	− 6·839	−28·725	− 5	M *m*	...
...	6·654	−28·687	− 5	M *m*	...
...	6·605	−26·344	− 5	M *m*	...
...	6·097	−51·839	− 1	...	...
...	6·055	+48·808	− 3	...	...
441					
...	− 5·896	+30·876	− 5	M	...
...	5·597	+55·732	0·70	44.7385	10·2
...	5·272	−39·258	− 5	M *m*	...
...	4·783	−21·479	− 4	...	...
...	4·459	+21·104	0·70	...	...
...	− 4·353	−41·584	− 5	M *m*	...
...	3·894	+31·072	− 5	M	...
...	3·862	+15·022	− 1	...	...
...	3·801	−42·028	− 5	M *m*	...
...	3·717	−33·706	− 5	M *m*	...
451					
...	− 3·344	+53·788	− 4	...	...
...	3·263	−32·192	− 4	*m*	...
...	3·238	+26·737	− 4	...	...
*	3·187	−48·088	1·10	46.7427	9·8
...	2·881	−41·285	0·75	...	...
...	− 2·861	+ 1·978	− 5	M *m*	...
...	2·789	+26·266	− 5	M	...
...	2·764	+53·572	− 5	M	...
...	2·515	+16·326	0·70	45.7409	10·2
...	2·254	−13·022	− 5	M *m*	...
461					
...	− 2·232	+ 0·663	− 3	α *m*	...
...	2·131	−50·015	0·85	46.7429	10·0
...	2·095	−36·616	− 3	...	...
...	1·941	−48·654	− 1	...	...
S *	1·881	+50·357	2·50	45.7410	8·1
...	− 1·818	−51·790	− 5	M *m*	...
...	1·481	+42·306	− 5	M	...
...	1·447	−29·719	− 5	M *m*	...
...	1·401	−13·503	0·90	46.7430	9·8
...	0·886	− 9·769	0·80	46.7431	9·8
471					
...	− 0·812	− 6·421	0·85	46.7432	9·9
...	0·685	− 0·876	0·80	45.7411	10·0
†	0·422	+44·583	− 5	...	...
...	0·395	+47·606	− 2	...	...
*	0·275	+10·772	1·10	45.7412	9·6
...	− 0·141	−15·685	− 5	M *m*	...
*	0·093	−32·831	0·85	46.7433	10·0
*	− 0·029	− 0·336	2·00	45.7413	8·8
...	+ 0·224	−30·818	− 5	M *m*	...
...	0·247	+22·065	− 5	M	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
481–540					
481					
...	+ 0·268	−55·401	− 5	m	...
...	0·576	−29·017	− 5	M m	...
...	0·692	−21·585	− 5	M m	...
...	0·721	+58·384	0·70	44.7392	10·2
...	0·780	− 6·970	− 4	M m	...
*	+ 1·020	+12·151	1·80	45.7414	9·0
...	1·144	− 2·349	− 5	M m	...
*	1·234	−27·349	1·60	46.7435	9·2
...	1·251	−46·358	0·65	...	...
...	1·264	−43·586	− 3	m	...
491					
...	+ 1·282	−27·214	− 5	M m	...
...	1·366	+ 0·819	− 5	M	...
...	1·426	+11·294	− 4	...	...
...	1·445	−19·738	− 4	m	...
...	1·910	−35·218	− 5	M m	...
...	+ 1·938	+53·310	− 3	...	...
...	1·942	+33·177	− 1	...	...
...	2·176	−55·494	− 4	m	...
...	2·197	−38·620	− 5	M m	...
S *	2·486	+21·263	1·75	45.7415	9·0
501					
...	+ 2·921	+14·867	− 5	...	...
†	3·079	− 9·654	− 5	M m	...
...	3·096	−22·945	− 5	M m	...
...	3·373	+28·498	− 5	M	...
...	3·407	+30·719	− 3	...	...
...	+ 3·428	+31·619	− 5	M	...
*	3·723	−29·711	0·95	46.7436	9·9
*	3·746	−29·274	1·05	46.7437	9·7
...	3·805	−32·026	− 4	M a	...
*	4·027	+37·134	0·90	45.7416	9·8
511					
*	+ 4·102	−43·743	1·50	46.7438	9·2
...	4·107	+33·248	− 4	...	...
...	4·200	+42·243	0·65	45.7417	10·2
...	4·250	−35·284	− 5	M m	...
...	4·291	−19·441	− 3	...	...
*	+ 4·355	−49·991	1·25	46.7439	9·8
...	4·651	+ 9·705	− 5	M	...
...	5·070	+ 4·103	− 5	M	...
...	5·147	−16·371	− 4	M a	...
*	5·482	+53·044	1·90	45.7418	8·6
521					
...	+ 5·539	− 8·418	− 5	M m	...
*	5·542	−10·156	0·95	46.7441	9·8
*	5·566	−58·531	1·25	46.7440	9·4
*	5·711	− 2·821	0·90	45.7419	9·9
...	5·749	−48·666	− 5	M m	...
M	+ 5·823	+ 0·840	0·70	45.7420	10·2
...	5·877	−38·850	0·90	...	...
...	5·894	−47·779	− 3	...	...
...	5·932	+22·748	− 1	...	...
...	5·963	−47·670	− 5	M m	...
531					
...	+ 6·734	+19·086	− 4	...	...
*	7·106	+35·152	1·70	45.7421	9·2
...	7·272	+24·742	− 4	...	...
...	7·293	+15·751	− 5	M	...
*	7·402	−42·816	1·80	46.7443	9·2
...	+ 7·493	−14·184	0·85	46.7444	9·8
...	7·712	+42·125	− 4	...	...
...	7·791	−39·759	0·65	...	...
...	7·851	+18·886	− 3	...	...
...	7·913	+57·152	− 5	...	...
541–600					
541					
...	+ 8·077	−48·189	0·90	46.7445	10·0
...	8·145	+23·545	− 1	...	...
...	8·145	+ 5·908	0·65	...	...
...	8·150	+41·723	− 1	...	...
...	8·293	− 1·381	− 5	m	...
...	+ 8·537	+56·419	− 4	...	...
...	8·614	+39·189	− 5	...	...
...	8·646	+46·567	− 4	...	...
...	8·765	+58·828	− 5	...	...
...	8·841	+14·589	− 5	...	...
551					
...	+ 8·897	− 9·434	− 5	m	...
*	9·107	+49·670	0·90	45.7423	9·8
...	9·214	+22·106	0·70	45.7422	10·1
†	9·540	−35·104	− 5	m	...
*	9·666	− 1·884	1·20	45.7424	9·6
...	+ 9·892	−15·320	− 1	...	...
...	9·905	−32·801	− 4	b	...
...	9·905	−33·716	− 3	...	...
...	10·005	+12·087	0·65	...	...
...	10·120	−51·780	− 5	m	...
561					
*	+10·164	+29·151	1·10	45.7425	9·7
...	10·165	+46·802	− 5	...	...
...	10·346	+ 3·434	− 4	...	...
...	10·531	−22·169	− 2	...	...
...	10·710	−18·244	− 5	m	...
...	+11·055	−24·272	0·65	46.7447	10·2
...	11·087	−37·587	0·80	46.7446	10·2
*	11·127	+11·103	0·90	45.7426	9·9
*	11·140	+53·161	1·10	45.7427	9·6
...	11·329	− 0·852	− 3	a	...
571					
...	+11·385	−59·036	− 4	a	...
...	11·498	−11·702	− 4	m	...
...	11·752	−41·654	− 4	b	...
...	11·895	−50·657	− 4	a	...
...	11·897	−41·043	− 4	...	...
...	+12·140	−24·345	− 5	m	...
...	12·151	−23·504	0·65	...	...
...	12·207	−17·819	0·90	46.7448	10·2
...	12·220	+11·281	− 1	...	...
...	12·237	−36·528	0·65	...	...
581					
...	+12·280	+52·898	− 4	...	...
...	12·345	+19·275	0·70	45.7428	10·2
*	12·423	+55·712	1·60	44.7401	9·4
...	12·503	+11·091	− 5	...	...
...	12·782	−41·853	− 3	...	...
...	+12·883	+57·762	− 2	...	...
...	12·901	+ 9·618	− 4	...	...
...	13·000	−43·748	− 5	m	...
...	13·225	−16·242	− 2	...	...
...	13·452	+ 4·840	− 5	...	...
591					
...	+13·502	+ 0·151	− 5	m	...
...	13·573	+ 8·000	− 4	...	...
...	13·660	+ 7·194	− 4	...	...
...	13·707	−17·684	− 5	m	...
...	13·979	−21·590	− 4	m	...
*	+14·108	−58·723	1·00	46.7449	10·0
...	14·723	−26·991	− 1	...	...
...	15·102	−37·668	− 5	m	...
†	15·118	+60·109	0·90	44.7406	10·2
...	15·267	−48·213	− 3	...	...
601–660					
601					
...	+15·608	−14·424	0·65	...	...
*	15·970	+10·945	1·10	45.7429	9·4
...	15·989	+11·040	− 5	m	...
...	16·071	+31·330	− 4	...	...
...	16·093	−25·098	− 5	m	...
...	+16·174	+11·057	− 3	...	...
...	16·307	−32·558	− 3	...	...
...	16·351	−36·520	− 5	m	...
...	16·418	−37·154	− 5	m	...
*	16·556	+19·118	1·10	45.7430	9·8
611					
...	+16·620	−42·831	− 3	...	...
...	16·642	−48·261	− 5	m	...
...	16·660	+38·848	− 4	...	...
...	16·836	+23·054	− 5	...	...
...	16·915	+14·400	− 3	...	...
...	+17·005	−43·586	− 5	m	...
...	17·114	+ 2·521	− 5	...	...
...	17·129	+52·392	− 3	...	...
...	17·230	− 0·158	− 5	m	...
...	17·394	+ 2·062	− 4	...	...
621					
S *	+17·397	−47·400	1·80	46.7450	9·0
*	17·655	−41·051	1·60	46.7452	9·2
...	17·747	+31·803	− 4	...	...
...	17·824	−27·650	− 3	...	...
...	18·178	+51·774	− 3	...	...
...	+18·219	+49·372	− 5	...	...
...	18·363	−14·763	0·75	46.7453	10·0
...	18·513	−27·631	− 5	m	...
...	18·632	+44·852	− 5	...	...
...	18·940	+39·152	0·70	...	...
631					
...	+19·249	−24·873	− 5	m	...
...	19·326	−43·078	0·70	...	...
...	19·878	−25·915	− 5	m	...
*	20·016	+48·081	1·35	45.7431	9·4
...	20·114	+59·724	− 5	...	...
...	+20·303	− 0·728	0·75	...	...
...	20·314	+29·513	0·75	...	...
...	20·332	− 6·140	0·75	...	...
...	20·379	+36·656	− 3	...	...
†	20·390	− 9·640	0·70	46.7454	10·2
641					
...	+20·841	+16·929	0·90	45.7432	10·1
...	20·918	−29·383	− 5	m	...
...	21·053	+51·800	− 5	...	...
*	21·504	+28·772	1·00	45.7433	9·7
...	21·554	+44·290	− 3	...	...
...	+21·592	+45·553	0·70	...	...
...	21·823	−44·100	− 5	m	...
...	21·961	+24·519	− 4	...	...
...	22·106	+42·726	− 4	...	...
...	22·158	+41·430	− 5	...	...
651					
...	+22·235	+48·229	0·90	45.7434	10·1
...	22·241	−29·759	− 3	...	...
...	22·357	+40·522	− 4	...	...
...	22·458	+ 2·602	− 5	...	...
...	22·484	−17·175	− 4	a	...
...	+22·652	−21·032	− 5	m	...
*	22·975	−34·481	0·90	46.7456	10·2
...	23·071	−53·883	− 5	m	...
...	23·229	−34·847	− 5	d	...
...	23·569	+32·452	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
661–720					
661				°	
...	+23·627	+ 7·586	− 5	...	...
...	23·853	+58·245	− 5	...	...
...	24·330	− 1·506	− 3	...	...
†	24·437	+50·517	− 5	...	...
*	24·533	+19·281	1·05	45.7435	9·7
...	+24·570	− 7·540	− 4	...	...
*	24·594	−15·056	0·90	46.7457	10·1
...	24·599	−21·350	− 5	*m*	...
...	24·785	+15·519	− 1	...	...
*	25·259	−23·228	4·00	46.7458	7·7
671					
...	+25·324	+14·152	− 5	...	...
...	25·392	−20·874	− 5	*m*	...
...	25·549	+28·070	− 4	...	...
*	25·632	−44·651	1·25	46.7460	9·6
...	25·746	+48·498	0·85	45.7436	10·2
...	+25·859	−15·863	− 5	*m*	...
...	25·906	−41·143	− 5	*m*	...
...	25·910	− 3·858	− 4	*m*	...
...	25·926	−42·451	− 1	...	...
...	26·269	+43·438	− 5	...	...
681					
*	+26·329	−33·676	2·00	46.7461	8·7
...	26·687	−26·320	− 5	*m*	...
*	26·786	+37·543	1·00	45.7437	9·9
...	26·928	+ 1·280	− 1	...	...
...	26·959	−56·278	0·80	...	...
...	+27·121	+19·079	− 5	...	...
...	27·382	− 4·526	− 4	*m*	...
...	27·890	+28·734	− 5	...	...
*	28·060	−12·489	0·90	46.7462	10·0
...	28·064	−52·404	− 4	*a*	...
691					
...	+28·084	+20·004	− 2	...	...
...	28·323	−53·805	− 4	...	...
*	28·325	−38·155	1·40	46.7463	9·2
...	28·328	−55·434	− 5	*m*	...
...	28·981	−24·235	− 5	*m*	...
...	+28·997	+18·226	− 3	...	...
*	29·204	−39·302	1·10	46.7464	9·6
...	29·209	− 7·303	− 2	...	...
...	29·333	−59·202	− 1	...	...
...	29·493	+36·261	− 5	...	...
701					
...	+29·517	−57·586	− 3	...	...
...	29·752	−30·234	− 4	...	...
...	29·824	−36·920	0·65	46.7465	10·2
...	29·930	+59·880	− 4	...	...
...	29·955	−37·127	0·95	46.7466	9·9
*	+29·978	−57·893	1·10	46.7467	9·8
...	30·159	−33·399	− 3	*a*	...
...	30·238	+46·208	− 5	...	...
...	30·482	−27·100	− 4	*a*	...
...	30·688	−47·263	0·80	46.7468	10·2
711					
...	+30·934	−32·005	− 3	...	...
...	31·041	−10·276	− 5	*m*	...
...	31·067	−20·231	− 5	*m*	...
...	31·124	+57·912	− 5	...	...
...	31·266	+ 4·610	− 4	...	...
...	+31·303	+47·014	− 5	...	...
...	31·304	−29·999	− 4	*a*	...
*	31·315	+14·525	1·10	45.7438	9·6
...	31·530	−25·536	0·75	...	...
S *	31·639	+ 9·539	1·50	45.7439	9·2
721–780					
721				°	
...	+31·662	+33·964	0·70	...	...
...	31·844	−32·509	− 4	*a*	...
...	32·048	−51·083	− 5	...	...
...	32·124	−19·870	− 5	*m*	...
...	32·172	−28·698	− 3	...	...
...	+32·212	−35·602	− 3	...	...
...	32·260	−11·144	− 4	*m*	...
...	32·370	+25·183	0·65	...	...
...	32·443	−53·787	− 5	*m*	...
...	32·891	+ 7·181	− 1	...	...
731					
...	+33·002	+ 2·867	− 2	...	...
...	33·006	−12·282	− 5	*m*	...
...	33·161	+19·560	− 1	...	...
...	33·302	+ 2·249	− 2	...	...
†	33·372	+45·222	− 4	...	...
...	+33·385	+ 6·147	− 4	...	...
...	33·474	−24·442	− 5	*m*	...
*	33·574	+53·942	1·60	45.7440	9·6
*	33·578	+35·808	1·00	45.7441	9·9
...	33·658	−12·557	− 5	*m*	...
741					
...	+33·768	+ 9·425	− 2	...	...
...	33·953	+38·906	− 2	...	...
...	34·315	−46·259	− 3	*a*	...
...	34·728	−52·769	− 5	*m*	...
...	34·838	+16·956	− 3	...	...
...	+34·935	+42·031	− 4	...	...
...	35·175	−50·497	− 5	*m*	...
...	35·229	+ 2·558	− 3	...	...
*	35·511	−20·137	1·90	46.7469	9·2
...	35·633	−50·280	0·75	46.7470	10·2
751					
...	+35·731	+25·567	− 3	...	...
...	35·815	+ 1·923	− 3	...	...
†	35·879	−19·666	0·90	46.7471	9·8
...	36·034	+15·683	− 2	...	...
†	36·138	−54·534	− 4	*b*	...
...	+36·646	+48·268	− 4	...	...
...	36·708	−55·234	− 3	...	...
...	36·711	−26·975	− 5	*m*	...
...	36·807	+ 9·210	− 4	...	...
...	36·862	−54·192	− 4	...	...
761					
...	+36·882	−28·758	0·70	46.7472	10·2
...	37·074	−57·447	− 4	...	...
...	37·179	−26·706	− 5	*m*	...
...	37·956	+18·897	− 5	...	...
*	37·971	−46·450	1·80	46.7475	9·2
...	+38·022	+18·285	− 2	...	...
S *	38·100	− 9·513	2·00	46.7473	8·5
...	38·125	+ 9·165	0·80	...	...
...	38·232	+33·832	− 5	...	...
...	38·383	−26·624	− 5	*m*	...
771					
*	+38·421	−36·812	0·90	46.7474	10·2
...	38·423	+18·065	− 1	...	...
...	38·428	+13·565	− 3	...	...
...	38·431	−18·379	− 5	*m*	...
...	38·508	−44·895	− 3	...	...
...	+38·558	−37·825	− 5	*m*	...
...	38·704	−17·976	− 5	*m*	...
...	38·817	−30·651	− 5	*m*	...
...	39·034	−46·007	− 5	*m*	...
...	39·096	+18·255	− 1	...	...
781–840					
781				°	
...	+39·174	− 5·799	− 3	...	...
...	39·243	+47·773	− 4	...	...
†	39·439	− 0·266	− 5	*m*	...
...	39·641	−43·837	− 5	*m*	...
...	39·729	−31·289	− 5	*m*	...
...	+39·750	−47·214	− 5	*m*	...
*	39·844	−13·609	0·95	46.7476	9·9
...	39·859	+50·825	− 5	...	...
*	39·873	−29·010	1·05	46.7477	9·6
*	39·936	−54·668	1·35	46.7478	9·4
791					
*	+40·076	+53·931	1·10	45.7442	9·6
...	40·086	− 0·422	− 5	*m*	...
†	40·152	−29·541	− 5	...	...
...	40·252	+ 7·302	0·80	45.7443	10·2
...	40·276	−31·895	− 4	*a*	...
...	+40·303	−40·755	0·75	...	...
*	40·501	+58·854	2·10	44.7427	9·2
*	40·610	+37·475	2·40	45.7444	8·2
...	40·628	−47·352	− 4	*b*	...
...	40·639	− 5·583	− 4	*m*	...
801					
...	+40·759	−36·991	− 4	*a*	...
...	40·957	+50·489	− 5	...	...
...	41·065	−38·972	− 5	...	...
...	41·136	+ 7·641	− 3	...	...
...	41·191	+17·461	− 5	...	...
...	+41·310	−18·163	− 5	*m*	...
...	41·313	+ 2·834	− 5	...	...
...	41·389	+29·529	− 4	...	...
S *	41·521	+54·963	3·05	44.7428	7·7
*	41·876	−32·398	1·70	46.7479	9·0
811					
...	+41·920	+15·596	− 5	...	...
...	41·964	+48·742	− 5	...	...
...	42·115	+18·663	− 3	...	...
...	42·333	+ 7·182	− 5	...	...
...	42·871	−12·993	− 2	...	...
...	+43·010	−23·572	0·80	46.7480	10·2
...	43·350	+11·127	− 3	...	...
...	43·433	+21·061	− 2	...	...
...	43·457	−15·278	− 3	...	...
...	43·512	− 7·285	− 3	...	...
821					
*	+43·564	−31·817	1·15	46.7481	9·6
...	43·711	− 0·172	− 5	*m*	...
...	43·743	+23·109	− 4	...	...
...	44·047	−48·550	− 2	*e*	...
...	44·078	+25·723	− 5	...	...
...	+44·489	+46·598	− 5	...	...
...	44·568	−38·363	− 2	...	...
...	44·731	+10·404	− 5	...	...
*	44·890	−15·565	1·00	46.7482	9·7
...	45·075	+17·549	− 3	...	...
831					
...	+45·163	+17·658	− 3	...	...
...	45·205	+ 7·017	0·85	45.7445	10·0
*	45·334	−25·506	1·20	46.7483	9·4
...	45·352	−12·620	− 5	*m*	...
*	45·781	−48·025	1·70	46.7485	9·2
...	+45·806	−18·637	− 4	...	...
S *	45·850	−51·301	2·20	46.7486	8·5
*	45·902	− 5·513	1·15	46.7484	9·4
...	45·922	−10·496	− 2	...	...
...	45·986	−18·943	− 3	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
841–880					
841					
...	+46′·220	+ 7′·643	0·90	45.7446	10·0
...	46·369	−22·843	0·85	46.7487	10·2
...	46·614	−25·980	− 4	*m*	...
...	46·664	−19·363	− 5	*m*	...
†	46·689	+10·349	− 5	...	...
...	+46·700	−50·062	− 5	*m*	...
...	46·758	−13·072	− 3	...	...
...	47·668	+54·069	− 4	...	...
...	47·975	+21·483	− 5	...	...
...	47·976	−30·145	− 2	...	...
851					
...	+48·043	+31·787	− 3	...	...
...	48·257	+18·452	− 5	...	...
*	48·328	−56·801	1·50	46.7489	9·6
...	48·350	+29·916	− 5	...	...
...	48·350	− 3·854	− 5	*m*	...
*	+48·374	− 2·582	0·95	45.7447	9·8
...	48·506	−21·414	0·85	46.7488	10·2
...	48·561	−26·621	0·80	...	...
...	48·906	−40·556	0·95	46.7490	10·1
...	49·086	+ 6·661	− 5	...	...
861					
...	+49·303	+14·718	− 5	...	...
...	49·312	+10·473	− 5	...	...
...	49·642	+15·775	− 3	...	...
...	49·664	−22·672	− 5	*m*	...
*	49·718	−51·370	1·05	46.7491	9·9
*	+49·720	+43·762	1·30	45.7448	9·6
...	49·754	+46·493	− 5	...	...
...	49·929	+ 4·972	− 3	...	...
*	50·073	−25·003	0·95	46.7492	10·1
...	50·113	− 1·442	− 5	*m*	...
871					
...	+50·169	+47·817	− 3	...	...
...	50·184	+ 3·337	− 4	...	...
...	50·344	−25·732	− 4	...	...
...	50·493	+ 4·632	0·85	45.7449	10·2
...	50·722	−27·408	− 5	*m*	...
*	+50·768	−16·848	1·20	46.7493	9·6
*	50·776	−40·312	1·40	46.7494	9·6
*	50·837	− 4·357	1·25	45.7450	9·6
...	50·844	− 9·384	− 5	*m*	...
...	50·906	+10·046	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
881–920					
881					
...	+50′·964	−28′·182	− 5	*m*	...
...	51·055	+44·772	− 5	...	...
...	51·233	−13·652	− 4	*m*	...
...	51·343	+48·736	− 3	...	...
...	51·387	−25·797	− 3	...	...
...	+51·450	−46·225	− 5	*m*	...
...	51·559	−12·098	− 5	*m*	...
...	51·592	+21·725	0·85	45.7451	10·2
...	51·749	−37·228	− 5	*m*	...
...	51·758	+ 0·555	− 3	...	...
891					
...	+52·265	−45·049	− 3	...	...
...	52·501	−29·112	− 4	...	...
...	52·531	−13·620	− 3	...	...
...	52·698	+14·134	− 5	...	...
...	52·777	−32·583	− 5	*e*	...
...	+52·900	+49·185	− 5	...	...
...	52·926	−23·550	− 5	*m*	...
...	53·160	+17·373	0·65	...	...
...	53·179	−27·034	− 5	*m*	...
*	53·364	−56·842	1·20	46.7495	9·8
901					
...	+53·481	+42·977	− 5	...	...
...	53·541	−37·590	− 3	...	...
*	53·778	+31·515	1·15	45.7452	9·8
...	54·055	−31·417	− 5	*m*	...
...	54·230	+10·067	0·80	45.7453	10·2
†	+54·242	− 4·650	− 5	*m*	...
...	54·496	−38·723	− 5	*m*	...
...	54·558	+ 3·777	− 4	...	...
...	54·708	−16·099	− 5	*m*	...
...	54·710	−18·903	− 2	...	...
911					
*	+54·865	+31·266	1·05	45.7454	9·8
...	54·877	−33·128	0·75	...	...
...	54·883	−35·969	0·90	46.7496	10·2
...	55·072	+24·077	− 5	...	...
...	55·104	−19·001	− 5	*m*	...
*	+55·254	−28·470	1·05	46.7497	10·0
...	55·320	+ 6·039	− 5	...	...
...	55·459	+41·975	− 5	...	...
...	55·529	+14·426	− 4	...	...
...	55·828	−39·230	− 4	*a*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
921–938					
921					
*	+55′·880	−24′·468	1·15	46.7498	9·7
...	56·204	−25·969	− 5	*m*	...
...	56·496	+ 3·427	− 2	...	...
...	56·570	−36·179	− 4	*a*	...
...	56·604	+ 4·962	− 3	...	...
...	+56·710	−37·730	1·10	46.7499	10·0
*	56·728	+ 0·621	1·00	45.7455	9·8
†	56·959	−39·535	− 1	...	...
...	57·274	+18·147	0·90	...	...
*	57·351	−13·466	1·00	46.7500	10·2
931					
...	+57·939	+ 3·642	− 4	...	...
...	58·031	−30·909	1·05	46.7501	10·1
...	58·357	+ 5·239	− 5	...	...
*	58·465	+33·256	1·50	45.7456	9·6
...	58·550	+50·695	− 3	...	...
...	+58·599	−25·693	− 3	...	...
...	58·644	−21·200	− 1	...	...
†	59·330	+26·669	− 4	...	...

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I	1–10 x.	1–10 y.	1–10 −3.	1–10 No.	1–10 Mag.
...	−59′·711	+17′·311	− 5	...	...
*	59·653	−32·081	1·20	46.7481	9·6
...	59·618	+17·428	− 5	...	...
...	59·260	+ 6·783	0·85	45.7445	10·0
*	58·858	−15·795	1·10	46.7482	9·7
...	−58·649	−48·779	− 5	E	...
...	58·253	+ 7·445	0·95	45.7446	10·0
*	58·149	− 5·714	1·35	46.7484	9·4
*	58·106	−25·713	1·30	46.7483	9·4
...	57·964	−10·691	− 5	...	...

II	11–20 x.	11–20 y.	11–20 −3.	11–20 No.	11–20 Mag.
...	−57′·658	−19′·140	− 4	...	...
...	57·181	+31·627	− 5	...	...
...	57·144	−23·025	0·65	46.7487	10·2
...	57·067	−13·247	− 4	...	...
*	56·941	−48·208	1·70	46.7485	9·2
S *	−56·767	−51·485	2·30	46.7486	8·5
*	55·893	+43·651	1·35	45.7448	9·6
...	55·780	− 2·706	0·95	45.7447	9·8
...	55·574	+47·713	− 5	...	...
...	55·312	−30·270	− 5	...	...

21	21–30 x.	21–30 y.	21–30 −3.	21–30 No.	21–30 Mag.
...	−55′·093	+15′·688	− 4	...	...
...	55·058	−21·522	0·65	46.7488	10·2
...	54·852	−26·712	− 2	...	...
...	54·463	+ 4·896	− 4	...	...
*	54·128	−56·895	1·60	46.7489	9·6
...	−54·053	−40·644	0·80	46.7490	10·1
...	53·874	+ 4·578	0·80	45.7449	10·2
...	53·376	−25·067	0·80	46.7492	10·1
...	53·332	+21·685	0·70	45.7451	10·2
*	53·251	− 4·403	1·20	45.7450	9·6

ES measured from 1, 154, 301, 512.
MJ „ „ 89, 243, 404.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
31–90					
31	′	′		°	
…	−53·078	−25·785	− 5	…	…
*	52·942	−16·887	1·20	46.7493	9·6
…	52·891	−51·423	0·90	46.7491	9·9
…	52·483	+ 0·541	− 4	…	…
*	52·199	−40·347	1·40	46.7494	9·6
…	−52·042	−25·815	− 4	…	…
…	51·611	+17·378	− 3	…	…
*	51·442	+31·542	1·00	45.7452	9·8
…	51·280	−13·608	− 5	…	…
…	50·822	−29·086	− 5	…	…
41					
…	−50·563	−45·036	− 5	…	…
…	50·433	−32·552	− 4	E	…
…	50·354	+31·321	1·00	45.7454	9·8
…	50·321	+10·119	− 2	45.7453	10·2
…	50·094	+42·052	− 5	…	…
…	−49·913	+24·151	− 5	…	…
…	49·793	+ 3·843	− 5	…	…
…	49·089	−56·775	1·05	46.7495	9·8
…	48·937	−18·816	− 3	…	…
…	48·320	−33·039	− 1	…	…
51					
…	−48·226	−35·883	0·70	46.7496	10·2
…	48·099	−28·366	0·90	46.7497	10·0
…	47·839	+ 3·562	− 4	…	…
†	47·781	+ 5·096	− 5	…	…
*	47·587	−24·341	1·00	46.7498	9·7
…	−47·523	+ 0·757	0·95	45.7455	9·8
…	47·521	+18·299	− 1	…	…
*	46·818	+33·435	1·15	45.7456	9·6
…	46·678	+57·862	− 5	…	…
…	46·467	−13·300	0·80	46.7500	10·2
61					
…	−46·410	+ 3·828	− 5	…	…
…	46·343	−37·581	0·85	46.7499	10·0
…	46·042	−39·372	− 3	…	…
…	45·745	+26·866	− 5	…	…
…	45·627	+26·481	− 5	…	…
†	−45·250	−30·709	0·80	46.7501	10·1
…	44·950	−20·989	− 4	…	…
…	44·836	−25·478	− 4	…	…
…	44·450	+40·645	0·75	45.7457	10·2
…	43·758	+35·137	1·00	45.7460	9·9
71					
*	−43·727	+37·820	1·00	45.7461	9·8
S *	43·689	+ 9·727	1·30	45.7458	9·0
*	43·671	+24·665	1·90	45.7459	8·7
…	43·423	− 9·070	− 5	A	…
…	43·075	+ 1·608	− 4	…	…
…	−43·067	+53·808	− 5	…	…
…	43·043	+ 0·173	− 5	…	…
…	42·986	+57·467	0·70	44.7451	10·2
…	42·885	−42·459	0·90	46.7502	9·8
…	42·721	+45·121	0·70	…	…
81					
…	−42·719	− 2·224	0·80	45.7462	10·1
…	41·260	−54·173	− 5	…	…
*	41·252	+57·649	1·35	44.7452	9·6
…	41·130	+27·563	− 4	…	…
*	41·074	− 4·080	1·20	45.7463	9·6
…	−40·571	+ 1·876	− 3	…	…
…	40·539	+19·390	− 3	…	…
†	40·271	− 8·487	− 5	…	…
†	40·226	− 6·327	− 5	…	…
…	39·988	+29·046	− 5	…	…
91–150					
91	′	′		°	
*	−39·962	+19·842	1·95	45.7464	8·8
…	39·557	+17·809	0·95	45.7465	9·7
…	39·518	− 8·962	− 5	A	…
…	39·505	+ 9·917	− 1	45.7466	10·1
…	39·057	−55·272	− 3	…	…
*	−38·928	+ 6·567	1·20	45.7467	9·2
…	38·876	−35·066	1·00	46.7504	10·1
…	38·813	+10·437	0·75	45.7468	9·8
…	38·752	−21·166	− 2	…	…
…	38·284	−38·443	− 5	…	…
101					
*	−38·008	−59·452	1·30	46.7505	9·6
*	37·970	−51·581	1·40	46.7506	9·0
…	37·959	−14·484	− 4	…	…
…	37·818	−48·602	− 2	…	…
…	37·730	+ 0·564	0·70	45.7469	10·0
…	−37·671	+32·960	− 5	…	…
…	37·658	+21·855	− 2	…	…
*	37·451	+47·901	1·20	45.7470	9·4
…	36·991	−47·642	0·90	46.7507	9·9
…	36·839	−29·079	− 4	…	…
111					
…	−36·708	−34·607	0·65	…	…
…	36·488	−30·992	− 5	A	…
…	36·487	−11·517	− 2	…	…
…	36·348	+51·826	0·90	45.7471	10·0
…	36·203	+ 3·654	− 2	…	…
*	−35·944	−50·782	1·10	46.7508	9·6
S *	35·107	−44·322	2·15	46.7510	8·0
…	35·064	+13·435	− 1	45.7472	10·2
…	34·956	+25·989	− 3	…	…
…	34·359	−15·649	0·85	46.7511	10·0
121					
*	−34·263	+ 6·248	1·00	45.7473	9·7
…	34·191	+10·326	− 1	45.7474	10·2
…	33·791	+ 0·351	0·80	45.7475	10·1
…	33·765	−27·848	− 2	…	…
…	33·756	+58·198	− 3	…	…
*	−32·883	−33·030	1·20	46.7512	9·4
*	31·946	+38·938	1·15	45.7476	9·6
*	31·803	−21·374	1·10	46.7513	9·4
*	31·216	+33·779	1·15	45.7477	9·6
…	31·212	+13·684	− 4	…	…
131					
…	−30·828	+14·448	0·75	45.7478	9·8
‡	30·334	−28·082	1·15	46.7514	9·6
…	29·986	−16·083	− 2	…	…
…	29·812	+22·626	− 3	…	…
*	29·228	−40·586	1·00	46.7515	9·6
†	−29·029	+ 5·043	− 5	…	…
…	28·839	+56·727	− 3	…	…
…	28·810	−51·907	− 2	…	…
*	28·445	−37·016	1·90	46.7517	8·8
…	28·337	+24·351	− 3	…	…
141					
*	−28·075	−26·231	1·20	46.7518	9·2
…	27·790	+46·576	− 3	…	…
†	27·562	+14·982	− 4	…	…
…	27·056	− 4·776	− 1	45.7479	10·1
…	27·037	−46·543	− 2	…	…
…	−26·987	−58·677	− 4	…	…
…	26·678	+31·750	− 5	…	…
…	26·536	−26·836	− 2	46.7519	10·2
*	26·044	+30·098	1·80	45.7480	9·0
*	25·842	−53·645	2·60	46.7520	8·0
151–210					
151	′	′		°	
…	−25·807	−53·446	0·70	…	…
…	25·749	+15·943	− 4	…	…
…	25·390	−48·648	− 2	46.7521	10·2
…	24·915	+26·166	− 3	…	…
…	24·621	− 2·098	− 5	…	…
…	−24·452	−15·672	− 4	…	…
…	24·428	+46·995	− 4	…	…
…	24·256	−57·557	− 5	…	…
…	23·882	−19·445	− 5	…	…
…	23·301	+ 6·805	− 5	…	…
161					
*	−23·257	−22·177	1·15	46.7522	9·4
…	22·981	−50·153	− 4	…	…
*	22·485	−45·345	1·05	46.7523	9·6
*	22·400	+37·714	1·80	45.7482	8·8
S *	22·135	− 4·019	1·90	45.7481	8·8
S *	−21·791	+41·339	2·05	45.7483	8·2
…	21·642	+ 2·409	− 5	…	…
n	21·369	+ 1·218	− 1	45.7484	10·0
*	21·237	−54·310	2·40	46.7524	8·3
*	21·111	−27·855	2·40	46.7525	8·4
171					
…	−21·076	+15·231	− 4	…	…
n	20·985	+ 1·211	− 1	45.7484	10·0
…	20·759	−14·596	− 5	A	…
…	20·749	+53·858	− 3	…	…
†	20·242	+56·289	− 4	…	…
…	−20·153	−59·478	0·65	…	…
…	20·138	+14·315	− 3	45.7485	10·2
…	20·044	+12·871	− 4	…	…
*	19·983	+20·949	1·25	45.7486	9·2
…	19·849	−36·981	0·80	46.7526	10·0
181					
…	−19·785	−14·709	− 5	…	…
…	18·991	−54·567	− 4	…	…
…	18·840	−55·215	− 5	…	…
…	18·694	+49·141	− 4	…	…
…	18·291	−41·790	− 4	…	…
…	−18·083	−24·742	0·90	46.7527	9·9
…	17·926	−53·318	0·85	46.7528	10·1
*	17·556	+28·377	1·30	45.7487	9·2
…	17·404	−11·023	0·80	46.7529	10·2
…	17·085	+23·867	− 3	…	…
191					
*	−17·036	−47·758	2·20	46.7530	8·4
*	16·905	−52·621	0·95	46.7532	9·7
…	16·681	−25·333	− 5	…	…
…	16·594	−22·081	− 3	46.7533	10·2
…	16·293	−41·555	− 5	…	…
…	−16·086	− 1·683	0·75	45.7488	10·2
…	15·993	+27·257	− 3	45.7489	10·2
*	15·182	− 6·204	1·25	46.7534	9·2
…	14·958	+ 5·875	0·85	45.7490	9·8
…	14·672	− 1·145	1·00	45.7491	9·8
201					
…	−14·663	+ 4·309	0·95	45.7492	9·8
*	14·656	+26·911	1·05	45.7493	9·6
…	14·579	−39·364	− 3	…	…
…	14·510	+59·032	0·80	44.7477	10·2
…	14·321	−56·879	− 3	…	…
*	−13·724	+57·417	1·80	44.7479	9·0
…	13·483	−40·639	− 5	…	…
…	13·458	− 0·535	− 5	…	…
S *	13·213	−53·302	1·60	46.7536	8·9
…	12·633	+56·339	0·70	…	…

168, 172. C.P.D., suspected double.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
211–270					
211					
...	−12·395	+40·748	− 5	...	...
...	12·314	+32·594	− 5	...	...
...	12·104	−35·013	− 5	...	...
*	12·069	−35·503	1·10	46.7537	9·6
...	11·781	+50·871	0·90	45.7494	9·8
*	−11·330	−45·926	1·15	46.7539	9·6
...	10·807	− 8·413	− 3	46.7540	10·2
...	10·725	+14·855	− 3	45.7495	10·2
...	10·443	+13·870	− 4	45.7496	10·2
...	10·043	−51·177	− 3	46.7541	10·2
221					
...	− 9·918	+19·643	− 2	45.7497	10·2
...	9·883	−48·176	− 3	...	...
...	9·287	−49·728	0·75	46.7542	10·2
...	8·768	−25·881	0·65	46.7543	10·2
...	8·550	−21·895	− 5	46.7544	10·2
....	− 8·146	− 8·915	− 4	...	...
*	7·781	+49·657	1·05	45.7498	9·8
...	7·703	−40·053	− 2	46.7545	10·2
...	7·151	−48·254	− 5	....	...
...	7·068	+12·033	0·80	45.7499	10·1
231					
...	− 7·041	+56·702	− 5	...	...
...	6·754	−46·816	− 5	...	...
...	6·730	−24·545	− 4	...	...
...	6·474	−46·180	0·95	46.7546	9·8
...	6·149	+36·371	− 5	...	...
...	− 5·946	+24·608	− 4	...	...
...	5·938	−23·027	− 3	46.7547	10·2
...	5·929	+ 9·398	− 5	45.7500	10·2
...	5·867	+17·617	− 5	...	...
...	5·764	+26·184	0·70	45.7501	10·2
241					
‡	− 5·632	+29·948	1·10	45.7502	9·6
...	5·450	−59·693	− 3	...	...
...	4·985	− 6·463	− 3	46.7548	10·2
...	4·723	−27·267	− 3	...	...
...	4·598	−57·028	− 4	...	...
...	− 3·689	−21·815	− 3	46.7549	10·2
...	3·578	−41·087	− 3	...	...
*	2·672	+22·624	1·15	45.7503	9·6
...	2·382	+35·488	− 5	...	...
...	2·158	−47·179	− 5	...	...
251					
*	− 1·895	+28·292	1·10	45.7504	9·6
*	1·775	+ 4·131	1·10	45.7505	9·5
...	1·426	− 8·178	− 1	46.7550	9·9
...	1·406	+31·123	− 5	...	...
...	1·392	−33·088	− 5	...	...
*	− 0·828	−34·002	1·25	46.7551	9·6
...	0·513	−37·430	− 4	46.7552	10·2
‡	0·439	+10·890	3·10	45.7506	7·9
†	0·265	+53·647	0·75	45.7507	10·2
...	− 0·146	− 8·821	− 1	46.7553	10·0
261					
...	+ 0·146	−42·126	− 3	...	...
S*	0·419	+18·424	1·40	45.7508	9·2
...	0·580	−38·748	0·75	46.7554	10·0
...	0·590	−54·311	− 3	...	...
...	1·035	+34·089	− 3	...	...
*	+ 1·157	−24·020	1·00	46.7555	9·6
*	1·198	−37·304	1·10	46.7557	9·6
*	1·264	−20·937	1·15	46.7556	8·8
...	1·387	+ 8·343	− 2	45.7509	10·2
...	2·116	+35·690	0·65	45.7510	10·2

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
271–330					
271					
...	+ 2·350	−25·024	0·75	46.7558	10·1
...	2·637	−50·012	− 2	...	...
...	3·189	− 6·980	− 1	46.7559	10·2
...	4·046	+23·878	− 4	...	...
...	4·165	+24·171	0·80	45.7511	10·1
*	+ 4·378	−38·978	1·10	46.7560	9·6
†	4·685	−32·789	− 4	...	...
...	4·888	+41·405	0·80	45.7512	9·9
*	5·045	−22·254	1·20	46.7561	9·4
‡	5·739	−29·864	1·60	46.7562	9·2
281					
...	+ 5·753	+41·248	− 4	...	...
...	5·989	+31·747	− 3	...	...
*	6·230	−34·427	1·60	46.7563	9·0
...	6·293	−47·774	− 2	...	...
*	6·723	+26·781	1·85	45.7513	9·0
...	+ 6·732	+25·446	0·65	45.7514	10·0
...	6·757	+49·479	− 3	...	...
...	6·869	+37·462	− 4	...	...
...	7·056	+41·722	− 3	...	...
...	7·382	+47·020	0·95	45.7515	10·1
291					
...	+ 7·395	+41·359	− 4	...	...
...	7·733	+42·399	− 2	...	...
*	7·764	+37·802	2·50	45.7516	8·6
...	7·884	− 7·399	− 3	...	...
...	8·141	+14·813	1·00	45.7517	9·6
*	+ 8·250	+ 6·307	1·05	45.7518	9·6
*	8·311	+14·551	1·40	45.7519	9·4
...	8·487	+57·536	− 1	...	...
...	8·776	+36·785	− 5	...	...
...	8·934	+39·366	− 2	...	...
301					
‡	+ 9·754	−14·851	1·15	46.7564	9·5
...	10·056	−39·107	− 3	...	...
...	10·217	−11·326	− 5	...	...
...	10·405	− 0·699	− 5	...	...
...	10·505	−47·421	− 5	...	...
...	+10·867	− 0·573	− 5	...	...
...	10·869	+45·271	− 4	...	...
...	11·172	+28·857	− 5	...	...
...	11·361	− 3·885	− 2	45.7520	10·2
...	11·849	−14·397	− 4	...	...
311					
...	+11·876	+13·526	− 1	45.7521	10·1
...	11·978	−42·997	− 5	...	...
...	12·008	+29·183	− 5	...	...
...	12·026	−14·810	− 4	...	...
...	12·148	+26·971	0·85	45.7522	10·1
...	+12·306	−31·176	− 5	...	...
*	12·429	+43·883	1·60	45.7523	9·0
...	12·535	−43·790	− 5	...	...
...	12·857	+ 2·813	− 5	...	...
...	12·921	−10·003	0·95	46.7567	10·0
321					
...	+13·273	−26·852	− 3	46.7568	10·2
...	13·305	+58·644	− 5	...	...
...	13·343	+49·659	− 3	...	...
...	13·484	−16·304	− 5	...	...
...	14·123	−56·286	− 5	...	...
...	+14·513	−45·540	− 5	...	...
†	14·578	− 3·206	0·70	...	...
†	14·653	−29·942	− 5	...	...
...	15·062	+42·145	− 4	...	...
...	15·459	−30·601	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
331–390					
331					
*	+15·793	−46·196	1·10	46.7570	9·5
*	15·968	+32·783	1·90	45.7524	8·7
...	16·173	+38·773	− 5	...	...
...	16·651	−41·676	− 5	...	...
...	17·308	+39·044	− 3	...	...
...	+17·489	− 3·806	0·95	45.7525	10·0
...	17·611	−34·999	− 5	...	...
*	17·674	−32·807	2·00	46.7571	8·6
...	17·828	+46·045	− 3	...	...
...	18·113	+46·403	− 4	...	...
341					
S*	+18·333	+37·184	3·80	45.7526	7·0
...	18·362	−51·604	− 4	...	...
...	18·510	−45·746	− 4	...	...
*	18·525	+20·320	1·05	45.7527	9·6
...	18·784	+48·931	− 5	...	...
...	+18·836	−32·881	0·80	46.7572	10·1
...	19·218	+20·605	− 2	45.7528	10·2
...	19·336	− 0·020	− 5	α	...
...	19·395	+56·893	− 3	...	...
*	20·864	−47·107	1·90	46.7574	8·9
351					
...	+20·977	−48·565	− 4	...	...
...	21·025	−31·950	− 2	...	...
S*	21·210	− 4·614	1·55	45.7529	9·0
S*	21·447	−53·114	1·70	46.7575	8·8
...	21·501	+46·251	0·90	45.7530	10·0
...	+22·151	−51·071	0·75	46.7576	10·2
...	22·224	−23·841	− 4	...	...
...	22·283	− 4·805	0·80	45.7531	10·2
...	22·405	+ 4·627	− 5	...	...
...	22·497	− 1·062	0·70	45.7532	10·1
361					
...	+22·998	+ 3·728	0·70	...	...
...	23·207	+23·409	− 2	...	...
...	23·796	+53·081	− 5	...	...
...	23·999	−30·941	− 5	...	...
...	24·142	−51·719	− 5	...	...
...	+24·201	+ 9·056	0·80	45.7533	10·2
...	24·299	−40·067	− 3	...	...
n	24·481	+37·723	− 4	45.7534	10·0
n	24·515	+37·657	− 1		
...	24·525	+37·822	− 5	...	...
371					
...	+24·717	+25·896	0·85	45.7535	10·2
‡	24·760	−19·911	1·15	46.7578	9·6
...	24·955	+47·780	− 3	...	...
...	25·370	+43·301	− 3	...	...
...	25·490	+47·394	− 4	...	...
*	+26·265	− 2·701	1·50	45.7536	9·3
...	26·398	+49·037	− 3	...	...
...	26·530	+35·031	− 4	...	...
...	26·539	−21·754	− 5	...	...
...	26·581	+10·639	− 5	...	...
381					
...	+26·593	− 5·718	− 2	...	...
...	26·602	−55·599	− 2	...	...
...	26·697	+23·002	0·85	45.7537	10·0
...	26·753	+ 0·433	− 3	...	...
*	26·953	−22·272	1·10	46.7579	9·6
...	+27·519	+46·903	− 5	...	...
...	27·567	+47·167	− 2	...	...
...	28·060	− 3·573	− 4	...	...
...	28·068	−45·123	− 1	...	...
...	28·110	+52·703	− 5	...	...

368, 369. C.P.D. probably mass.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−4.	No.	Mag.
391–450					
391					
...	+28·207	−42·063	− 4	...	...
...	28·244	+56·956	− 4	...	...
*	28·387	+40·493	1·15	45.7538	9·6
...	28·539	−20·926	− 5	...	...
...	28·690	−22·796	− 4	...	...
...	+28·955	+28·603	− 3	45.7539	10·2
...	28·981	− 5·920	− 5	...	...
...	29·077	+24·595	0·70	45.7540	10·1
...	29·089	+32·012	− 5	...	...
*	29·165	−16·618	1·10	46.7580	9·5
401					
*	+29·184	−20·567	1·00	46.7581	9·8
...	29·310	− 5·322	0·95	46.7582	9·9
...	29·449	+19·359	− 5	...	...
†	29·577	−35·530	0·70	46.7583	10·1
*	29·741	+22·461	1·05	45.7542	9·6
...	+29·756	+44·176	− 1	45.7541	10·2
...	29·798	−33·823	− 2	...	...
...	29·978	−31·811	− 5	...	...
...	30·163	+18·831	− 2	...	...
...	30·301	−31·782	− 3	46.7584	10·2
411					
...	+30·304	+49·459	− 1	...	...
...	30·325	−16·359	− 2	...	...
...	30·340	+21·155	− 4	...	...
†	30·359	−54·788	0·80	46.7585	9·9
*	30·410	+44·786	1·00	45.7543	9·4
...	+30·547	+18·967	− 3	...	...
...	30·618	−52·842	0·70	46.7586	10·0
*	30·806	−35·503	1·70	46.7587	9·0
...	30·949	−20·828	0·70	46.7588	10·1
...	32·226	− 7·376	0·70	46.7589	10·1
421					
...	+32·405	−19·454	0·65	...	...
*	32·831	−49·084	2·00	46.7590	8·8
...	32·869	−39·061	− 4	...	...
*	32·875	+25·879	1·50	45.7544	8·9
...	33·241	−56·495	0·65	...	...
...	+33·310	−32·038	− 5	...	...
...	33·329	+36·681	− 5	...	...
...	33·791	−11·309	− 5	...	...
...	33·879	−10·520	− 5	...	...
*	34·139	−19·775	1·15	46.7592	9·6
431					
...	+34·333	−22·928	0·80	46.7593	9·8
*	34·714	−36·566	1·15	46.7594	9·5
...	34·934	+30·442	− 1	...	...
...	35·368	−31·183	0·70	...	...
...	35·518	−28·677	− 5	...	...
...	+35·625	− 6·067	0·75	46.7595	10·2
...	35·804	+ 3·189	0·95	45.7546	9·9
*	35·864	+32·519	1·20	45.7545	9·4
*	36·164	−33·243	1·00	46.7596	10·0
...	36·488	+ 4·782	0·65	...	...
441					
...	+36·579	+12·370	− 2	...	...
...	36·611	− 0·464	− 2	45.7547	10·2
...	37·015	−50·594	− 2	...	...
...	37·306	−18·376	− 2	...	...
...	38·435	−12·803	− 2	...	...
...	+38·458	−35·902	− 5	...	...
...	39·055	−45·180	− 3	...	...
...	39·074	+39·282	− 4	...	...
...	39·097	+ 3·280	− 3	...	...
...	39·125	+34·713	− 2	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−4.	No.	Mag.
451–510					
451					
...	+39·186	−54·440	0·85	46.7597	10·2
...	39·275	+23·286	0·75	45.7548	9·9
...	39·392	−33·211	− 4	...	...
...	39·638	+21·612	− 1	45.7549	10·2
...	39·962	+20·552	− 1	...	...
...	+40·364	−54·224	− 5	...	...
...	40·618	−33·022	− 2	...	...
...	40·622	+14·406	− 5	...	...
...	40·786	+41·814	− 2	...	...
...	40·886	− 4·679	− 4	...	...
461					
...	+41·080	+ 7·697	− 3	...	...
*	41·275	+18·927	1·05	45.7550	9·8
...	41·307	+31·014	− 2	...	...
...	41·320	−54·184	− 5	...	...
...	41·369	−41·200	− 5	...	...
...	+41·451	−48·390	0·70	...	...
*	41·499	+42·879	1·10	45.7551	9·6
*	41·613	−42·342	1·15	46.7598	9·4
...	41·639	−27·760	− 2	...	...
...	41·867	−26·723	− 2	...	...
471					
...	+42·434	+48·219	0·80	45.7552	10·2
...	42·597	−19·285	− 4	...	...
...	42·701	−54·969	− 2	...	...
...	42·736	+49·851	0·65	45.7553	10·2
...	42·938	+ 3·059	0·75	45.7555	10·2
...	+43·167	−47·969	− 4	...	...
...	43·195	−47·593	− 4	...	...
...	43·256	−46·790	− 3	...	...
...	43·342	+50·376	1·00	45.7554	9·9
...	43·401	+32·117	0·70	45.7556	10·2
481					
*	+43·426	−20·339	1·20	46.7599	9·4
...	43·464	−51·509	− 4	...	...
...	43·599	−40·922	0·70	46.7601	10·1
...	43·655	+ 0·973	− 3	...	...
...	43·765	+58·130	− 1	44.7528	10·2
*	+43·784	+27·997	1·00	45.7557	9·9
...	43·809	−10·795	0·70	46.7600	10·2
...	43·843	+42·582	− 5	...	...
...	43·938	−37·596	− 1	...	...
†	44·545	−41·835	0·80	46.7602	9·8
491					
...	+44·712	−14·553	− 5	...	...
...	44·863	−20·719	− 4	...	...
...	45·025	− 2·845	− 5	...	...
*	45·132	−44·074	1·95	46.7604	8·8
*	45·212	−12·098	1·60	46.7603	9·0
...	+45·237	−27·379	− 5	...	...
†	45·521	− 5·005	− 3	...	...
...	45·529	+18·105	− 5	...	...
...	45·795	−23·869	0·85	46.7605	10·1
...	46·325	−40·669	0·65	...	...
501					
...	+47·060	+24·700	− 4	...	...
*	47·071	+13·145	1·10	45.7559	9·6
...	47·199	+52·131	0·65	45.7558	10·2
...	47·411	− 8·015	− 1	...	...
*	47·749	−29·205	1·20	46.7606	9·4
*	+47·788	−33·700	2·00	46.7607	8·6
...	47·917	+ 8·450	− 4	...	...
...	47·950	−13·249	− 2	...	...
...	48·109	+20·348	− 4	...	...
...	48·742	−37·389	0·65	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−4.	No.	Mag.
511–570					
511					
...	+49·170	− 6·514	0·70	46.7608	10·2
...	49·570	−58·783	− 5	...	...
*	49·749	+47·659	2·40	45.7560	8·4
...	49·845	−47·721	0·85	46.7610	10·2
...	50·156	− 6·078	0·90	46.7609	10·0
...	+50·344	−33·143	− 1	...	...
...	50·646	−53·125	1·00	46.7612	10·1
S *	50·675	+29·621	1·20	45.7561	9·2
...	50·722	−12·489	0·95	46.7611	9·8
...	50·869	−52·713	− 5	...	...
521					
...	+51·037	+11·547	− 4	...	...
*	51·156	−24·064	2·20	46.7613	8·5
*	51·376	+55·981	1·35	44.7536	9·5
...	51·401	+44·759	− 3	...	...
*	51·414	+ 9·151	1·20	45.7562	9·2
...	+51·562	−14·457	0·80	46.7614	10·2
...	51·655	−57·611	− 5	...	...
...	51·921	−32·687	0·95	46.7616	10·0
...	51·960	−32·406	− 5	...	...
...	52·003	−16·373	− 4	...	...
531					
...	+52·058	−14·240	0·70	46.7615	10·2
...	52·134	+50·107	0·80	45.7563	10·1
...	52·248	+29·806	− 5	...	...
...	52·250	−59·339	− 5	...	...
*	52·349	−48·390	1·20	46.7617	9·8
...	+52·391	+21·570	− 4	...	...
...	52·429	−55·819	1·25	46.7618	9·6
...	52·568	+ 5·539	− 2	...	...
*	52·895	+ 5·176	1·20	45.7564	9·5
...	52·948	−14·007	− 3	...	...
541					
...	+53·068	−26·876	0·65	46.7619	10·2
...	53·169	+31·315	0·80	45.7565	10·1
...	53·852	+45·779	0·75	45.7566	10·2
...	54·118	+30·809	− 4	...	...
...	54·415	+53·504	− 5	...	...
...	+54·591	−31·706	− 4	...	...
...	54·654	−39·314	0·85	46.7620	10·2
...	54·800	+16·189	− 4	...	...
...	54·944	−42·727	1·00	46.7621	10·1
†	55·414	−54·759	− 4	...	...
551					
...	+55·876	−31·410	− 3	...	...
*	56·127	−47·688	1·10	46.7625	9·6
*	56·145	+47·949	1·05	45.7567	9·6
...	56·231	−26·123	0·90	46.7622	9·9
S *	56·437	−43·366	2·00	46.7626	8·4
...	+56·454	+53·874	1·05	45.7568	9·9
*	56·537	−22·549	1·00	46.7624	9·8
*	56·592	− 7·950	1·60	46.6723	9·0
...	56·951	+22·765	− 5	...	...
*	57·342	−21·972	1·10	46.7627	9·6
561					
...	+57·445	−33·518	− 5	...	...
...	57·513	+ 7·330	− 5	...	...
*	57·555	+55·347	1·30	44.7543	9·5
...	58·079	+ 4·832	− 3	...	...
†	58·474	+ 5·065	0·80	45.7571	10·1
...	+58·641	+58·572	0·95	44.7545	10·0
...	58·653	+ 7·474	− 5	...	...
...	58·668	+ 3·676	0·85	45.7572	10·2
*	58·700	+30·283	1·40	45.7569	9·4
...	58·869	−32·522	− 5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−4.	No.	Mag.
571–574					
571	′	′		°	
...	+59·138	+49·721	0·85	45·7570	10·0
...	59·138	+11·394	0·70	45·7573	10·2
...	59·257	+10·974	− 4	...	...
†	59·444	−29·228	− 5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	...	No.	Mag.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	...	No.	Mag.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−4.	No.	Mag.
1–40					
1	′	′		°	
†	−60·077	−11·049	− 3	46.7600	10·2
...	59·791	−55·261	− 4	...	...
...	59·504	−47·055	− 5	...	...
...	59·337	−41·166	0·75	46.7601	10·1
...	59·123	− 3·068	− 5	...	...
...	−59·101	−37·839	− 3	...	...
...	59·059	−14·784	− 5	...	...
...	58·721	−20·939	− 5	...	...
...	58·657	+51·964	− 1	45.7558	10·2
*	58·649	−12·319	1·80	46.7603	9·0
11					
...	−58·553	− 5·204	− 4	...	...
...	58·363	−42·069	1·00	46.7602	9·8
...	58·132	−27·586	− 5	...	...
...	57·940	+24·528	− 5	...	...
*	57·711	−44·285	2·00	46.7604	8·8
*	−57·697	−24·057	1·00	46.7605	10·1
*	57·565	+12·977	1·10	45.7559	9·6
...	56·760	+20·216	− 5	...	...
...	56·620	−40·837	0·65	...	...
...	56·578	− 8·157	0·65	...	...
21					
...	−56·577	+ 8·308	− 3	...	...
*	55·965	+47·558	2·80	45.7560	8·4
...	55·861	−13·373	− 5	...	...
*	55·563	−29·322	1·35	46.7606	9·4
*	55·371	−33·836	2·00	46.7607	8·6
...	−54·857	− 6·592	0·85	46.7608	10·2
*	54·608	+55·938	1·50	44.7536	9·5
S *	54·482	+29·566	1·50	45.7561	9·2
...	54·313	−37·478	− 2	...	...
...	54·224	+44·721	− 3	...	...
31					
...	−53·880	− 6·137	0·95	46.7609	10·0
...	53·672	+50·079	0·75	45.7563	10·1
...	53·549	+11·509	− 3	...	...
...	53·122	−12·526	0·95	46.7611	9·8
*	53·100	+ 9·124	1·35	45.7562	9·2
...	−52·912	+29·797	− 5	...	...
...	52·894	−47·778	0·75	46.7610	10·2
...	52·856	−33·183	− 2	...	...
...	52·380	+26·883	− 5	...	...
*	52·298	−24·078	2·10	46.7613	8·5
41–80					
41	′	′		°	
...	−52·215	−14·461	0·75	46.7614	10·2
...	52·046	+31·340	0·90	45.7565	10·1
...	51·914	−53·161	0·95	46.7612	10·1
...	51·841	+ 5·552	− 2	...	...
...	51·809	+45·813	0·70	45.7566	10·2
...	−51·728	−14·233	− 1	46.7615	10·2
...	51·715	−16·366	− 5	...	...
...	51·700	−52·724	− 5	...	...
*	51·489	+ 5·206	1·30	45.7564	9·5
...	51·281	−32·679	0·85	46.7616	10·0
51					
...	−51·082	+30·853	− 5	...	...
...	50·857	−13·971	− 3	...	...
...	50·774	−57·617	− 5	...	...
...	50·633	+29·413	− 5	...	...
*	50·364	−48·363	1·15	46.7617	9·8
...	−50·322	−26·834	0·70	46.7619	10·2
†	50·095	−59·299	− 5	...	...
‡	50·044	−55·775	1·15	46.7618	9·6
...	49·936	+16·260	− 4	...	...
...	49·717	+52·354	− 5	...	...
61					
...	−49·587	+48·053	1·10	45.7567	9·6
...	49·576	+44·079	− 5	...	...
...	49·460	+53·991	1·00	45.7568	9·9
...	48·635	−31·613	− 5	...	...
*	48·414	+55·495	1·35	44.7543	9·5
...	−48·347	−39·227	− 1	46.7620	10·2
...	47·950	−42·624	0·80	46.7621	10·1
...	47·414	+58·739	0·95	44.7545	10·0
*	47·386	− 7·809	1·50	46.7623	9·0
...	47·375	−31·274	− 3	...	...
71					
...	−47·180	−25·986	0·95	46.7622	9·9
...	47·091	−54·639	− 4	...	...
...	46·983	−22·411	1·10	46.7624	9·8
†	46·650	+49·911	0·80	45.7570	10·0
*	46·601	−47·546	1·10	46.7625	9·6
*	−46·468	+30·479	1·25	45.7569	9·4
S *	46·421	−43·209	2·00	46.7626	8·4
†	46·303	+ 5·010	− 2	...	...
*	46·201	−21·803	1·10	46.7627	9·6
...	45·914	+ 5·258	0·70	45.7571	10·1
81–120					
81	′	′		°	
...	−45·768	−43·737	− 5	...	...
...	45·684	+ 3·881	0·85	45.7572	10·2
...	45·440	+11·605	0·70	45.7573	10·2
...	45·310	+11·201	− 4	...	...
*	45·241	+44·050	1·10	45.7574	9·6
...	−44·506	+ 2·067	− 3	...	...
...	44·343	−32·277	− 5	...	...
...	43·865	−28·976	− 5	...	...
...	43·093	−18·759	− 5	...	...
*	42·998	− 7·869	1·15	46.7629	9·5
91					
*	−42·541	+15·437	1·50	45.7575	9·0
*	42·063	−42·496	1·10	46.7630	9·8
...	41·910	−12·098	− 5	...	...
...	41·847	−50·976	1·10	46.7631	9·8
...	41·311	+13·284	− 4	...	...
*	−41·024	+23·556	2·60	45.7576	8·4
*	40·600	+14·334	2·60	45.7577	8·0
...	40·571	+17·457	− 5	...	...
*	40·493	−25·774	1·80	46.7632	9·0
†	40·181	− 3·640	0·90	45.7578	9·8
101					
...	−40·015	+31·245	− 1	...	...
*	39·808	−28·677	1·00	46.7633	9·6
S *	39·516	+49·192	2·00	45.7579	9·0
...	38·964	+41·376	− 5	...	...
...	38·953	−32·029	− 1	...	...
*	−38·832	+18·044	1·50	45.7580	9·0
...	38·549	− 6·537	− 5	...	...
...	38·410	−58·089	0·65	46.7634	10·1
...	38·362	+31·146	− 4	...	...
...	38·221	− 5·324	0·90	46.7635	9·6
111					
...	−38·106	+33·325	− 2	...	...
...	37·562	−15·237	− 3	...	...
...	37·555	−27·194	− 5	...	...
...	37·453	+26·698	− 4	...	...
...	37·164	− 3·229	− 2	...	...
...	−37·152	+39·383	− 5	...	...
*	36·945	−48·414	2·00	46.7636	8·9
...	36·799	+ 4·389	− 4	...	...
...	36·617	+56·917	0·65	44.7553	10·1
...	36·536	+47·193	− 3	...	...

ES measured from 1, 205, 410.
MJ ,, ,, 101, 320, 506.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
121–180					
121					
...	−36′·354	+26′·645	0·75	45.7581	9·8
*	36·187	+31·834	1·10	45.7582	9·4
...	36·133	+48·022	0·95	45.7583	9·6
...	36·077	+17·935	− 4	...	...
...	36·003	+18·581	− 4	...	...
...	−35·987	+39·240	− 5	...	...
...	35·335	−20·335	− 5	...	...
...	35·298	−42·492	0·65	46.7637	10·2
...	34·818	+32·059	− 3	...	...
...	34·767	+26·855	− 2	...	...
131					
...	−34·726	+30·542	− 3	...	...
...	34·643	+19·351	− 4	...	...
...	34·477	−24·412	− 2	...	...
...	34·458	+14·833	− 4	...	...
*	34·407	−54·388	1·05	46.7638	9·6
...	−34·288	+54·487	− 5	...	...
...	34·090	+53·195	− 2	...	...
*	33·987	−58·353	1·90	46.7639	9·0
...	33·932	+18·299	− 3	...	...
...	33·912	−44·673	− 2	...	...
141					
...	−33·784	+26·543	0·70	45.7584	10·1
...	33·662	+11·803	− 4	...	...
*	33·379	−24·012	0·95	46.7640	9·6
*	33·276	+29·621	1·15	45.7585	9·5
...	33·154	−12·645	− 5	...	...
...	−33·059	+24·133	− 4	...	...
...	33·017	+12·902	− 3	...	...
...	32·969	+26·376	− 4	...	...
...	32·914	−34·452	− 3	...	...
...	32·906	−52·894	− 3	...	...
151					
...	−32·893	+42·515	− 5	...	...
...	32·562	+58·931	− 5	...	...
...	32·198	+55·504	− 1	...	...
*	32·148	−20·718	1·30	46.7641	9·5
*	32·057	−24·447	1·30	46.7642	9·4
...	−31·176	−29·137	− 3	...	...
...	31·171	+16·848	− 2	...	...
...	31·144	−53·987	− 4	...	...
S ‡	30·096	−10·313	1·80	46.7644	8·8
...	30·081	+16·739	− 5	...	...
161					
*	−30·030	−39·333	1·30	46.7643	9·4
...	29·875	+15·536	0·95	45.7586	9·5
...	29·693	+ 7·974	− 2	...	...
...	29·693	+ 2·104	− 5	...	...
*	29·471	+42·967	1·00	45.7587	9·6
†	−28·891	−49·805	0·65	46.7645	10·2
...	28·744	+37·388	− 5	...	...
...	28·225	+58·241	0·90	44.7565	9·9
...	28·126	−36·197	− 3	...	...
...	27·984	−46·131	− 4	...	...
171					
...	−27·750	+ 8·883	− 4	...	...
...	27·509	−44·606	− 5	...	...
...	27·365	−28·821	0·75	46.7647	9·9
...	27·313	−23·122	− 2	...	...
...	27·100	−19·024	0·65	46.7648	10·1
...	−26·924	−45·892	0·65	...	...
...	26·878	+34·821	− 5	...	...
...	26·752	− 5·152	0·85	46.7649	9·8
...	26·228	−25·063	− 1	46.7650	10·2
...	26·061	−23·158	− 2	...	...
181–240					
181					
†	−25′·822	−39′·862	− 1	46.7652	10·2
...	25·770	−50·072	− 5	...	...
...	25·633	−12·140	− 4	...	...
...	25·481	+43·664	− 2	...	...
...	25·404	−31·848	− 4	...	...
...	−25·370	− 8·903	− 5	...	...
* [	25·348	+32·354	1·40	45.7588	8·4
* [	25·346	+32·443	1·30		
...	24·903	+54·675	− 5	...	...
...	24·288	−12·957	−·1	46.7653	10·2
191					
...	−24·094	−23·307	− 4	...	...
...	23·463	+54·709	− 5	...	...
*	22·844	+48·030	1·90	45.7589	8·8
...	22·453	−56·840	− 1	46.7655	10·1
*	22·366	+55·437	1·10	44.7572	9·8
*	−22·287	−55·971	1·30	46.7656	9·4
*	22·268	− 7·065	1·80	46.7657	8·8
...	22·118	+41·161	− 5	...	...
*	21·787	+45·169	1·40	45.7591	9·2
...	21·440	−40·469	− 2	...	...
201					
S *	−21·384	+ 4·104	2·50	45.7590	8·4
...	20·549	+23·382	− 3	...	...
*	20·332	+47·812	1·90	45.7592	8·6
...	20·321	+ 3·941	− 3	...	...
...	19·858	−50·978	− 5	...	...
...	−19·810	− 7·289	0·75	46.7658	10·2
...	19·470	−54·182	− 1	...	...
...	19·455	+44·287	0·80	45.7593	10·0
...	19·094	+46·085	− 5	...	...
...	18·536	−13·564	0·95	46.7660	9·6
211					
...	−18·441	−45·527	− 4	...	...
...	18·197	− 4·454	− 4	...	...
...	17·992	−54·147	− 5	...	...
...	17·920	−21·377	− 1	...	...
...	17·464	−45·954	0·80	46.7661	10·1
...	−17·245	−51·559	0·85	46.7662	10·0
...	17·172	+37·311	0·75	...	...
α *	17·066	+ 0·425	1·70	45.7594	8·8
...	16·806	−51·264	− 5	...	...
...	16·649	−43·071	− 5	...	...
221					
...	−16·628	+43·337	0·90	45.7596	10·0
...	16·627	−43·021	− 4	...	...
...	16·372	− 1·839	0·75	45.7595	10·1
...	16·203	+22·711	− 4	...	...
*	16·188	+37·344	1·00	45.7597	9·8
*	−16·021	−18·881	1·35	46.7663	9·2
...	16·009	+19·216	1·00	45.7598	9·8
...	15·752	+16·090	0·75	45.7599	10·2
...	15·644	+52·664	0·75	45.7600	10·2
...	15·466	−28·802	− 5	...	...
231					
*	−15·343	−40·298	1·80	46.7664	8·8
†	15·241	+24·808	− 3	...	...
...	15·046	+ 4·369	− 1	45.7601	10·2
...	14·942	+ 1·756	− 5	...	...
...	14·856	−35·440	− 4	...	...
...	−14·743	+ 9·911	− 5	...	...
...	14·544	−58·424	− 3	...	...
...	14·354	−53·027	0·65	46.7665	10·0
*	14·024	+ 0·780	1·00	45.7602	9·6
*	13·861	13·609	1·20	46.7666	9·4
241–300					
241					
*	−13′·650	−44′·008	1·80	46.7667	9·0
*	13·602	+ 1·077	2·50	45.7603	8·6
...	13·571	− 1·324	− 5	...	...
*	13·300	− 1·033	1·15	45.7604	9·5
...	13·171	−42·977	− 4	...	...
...	−12·916	−32·436	− 5	...	...
N	12·783	+ 5·829	− 4	...	...
N	12·772	+ 5·791	− 3	...	...
...	12·546	−55·555	− 3	...	...
...	12·534	+46·686	− 5	...	...
251					
...	−12·071	−38·195	− 3	...	...
*	11·998	+16·150	1·90	45.7605	8·9
...	11·936	−10·617	− 5	...	...
...	11·704	− 3·803	− 4	...	...
...	11·440	−17·069	− 5	...	...
...	−11·252	+35·536	− 2	...	...
*	10·870	−56·214	1·50	46.7668	9·2
...	10·841	−56·400	− 5	...	...
*	10·806	+51·531	1·70	45.7606	9·2
...	10·782	+50·416	0·65	45.7607	10·2
261					
...	−10·629	−10·786	0·80	46.7669	9·8
...	10·618	−29·325	− 5	...	...
...	10·421	+ 3·197	− 5	...	...
...	10·375	−55·344	0·80	46.7670	9·9
...	10·150	−18·952	− 3	46.7671	10·0
...	− 9·728	−17·649	0·75	46.7672	10·0
...	9·710	−55·526	− 5	...	...
...	9·544	+15·408	0·70	...	...
...	9·506	−51·114	− 3	46.7673	10·2
...	9·435	− 2·823	− 5	...	...
271					
*	− 9·069	+52·803	1·60	45.7608	9·4
...	8·974	−47·975	− 1	46.7674	10·2
...	8·918	+56·439	− 5	...	...
...	8·468	−43·777	− 5	...	...
†	8·335	−54·801	− 3	...	...
...	− 8·275	+25·291	− 5	...	...
...	8·185	−36·117	− 3	...	...
...	8·090	−12·494	− 1	46.7675	9·8
...	7·865	+12·694	− 5	...	...
...	7·495	+47·783	1·00	45.7609	9·8
281					
*	− 7·287	−44·245	1·00	46.7676	9·5
...	7·200	+38·867	− 5	...	...
*	7·106	−36·912	1·10	46.7677	9·6
*	6·419	− 9·656	2·00	46.7679	8·8
...	6·400	−49·698	− 5	...	...
...	− 6·219	−54·353	− 5	...	...
...	6·111	−53·110	− 2	46.7678	10·2
...	6·055	− 9·362	− 5	...	...
...	6·029	+46·362	− 3	...	...
...	5·684	+32·014	0·80	45.7610	9·9
291					
...	− 5·661	−56·224	− 4	...	...
...	5·504	−57·430	0·85	46.7680	10·0
...	5·474	−34·935	− 5	...	...
†	5·208	−54·562	− 3	46.7681	10·2
†	5·195	+18·261	− 3	45.7611	9·9
...	− 4·416	−30·248	− 2	46.7682	10·1
*	3·974	−23·153	2·80	46.7683	8·0
...	3·505	+33·037	0·70	45.7612	9·8
S *	3·475	−49·117	1·95	46.7684	8·2
...	3·337	+49·987	− 5	...	...

247, 248. 45°·94, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
301-360					
301					
...	− 3·232	+ 8·421	− 5	...	...
...	3·043	−54·376	0·90	46.7685	9·8
*	2·987	+15·128	1·20	45.7613	9·5
...	2·342	+44·814	− 3	...	...
...	2·318	+40·690	0·70	45.7614	10·2
*	− 1·879	−26·725	2·10	46.7686	8·4
...	1·795	− 3·629	0·65	45.7615	10·2
*	1·629	−18·943	2·00	46.7687	8·6
...	1·523	+ 2·625	− 4	45.7616	10·2
...	1·415	− 0·805	− 5	...	...
311					
...	− 1·274	−52·885	− 5	...	...
...	1·239	−56·421	− 4	...	...
...	1·237	−53·404	0·85	46.7688	10·0
...	1·115	+16·572	− 2	45.7617	10·2
...	0·971	−19·848	− 5	...	...
S *	− 0·643	+27·061	1·70	45.7618	8·7
...	0·640	+38·630	0·80	45.7619	9·8
*	0·513	+43·635	1·25	45.7620	9·2
...	0·497	−46·371	0·90	46.7689	9·6
†	− 0·187	−23·607	0·65	46.7690	9·8
321					
...	+ 0·025	+59·665	− 5	...	...
...	0·080	+ 2·446	− 4	45.7621	10·2
*	0·339	+24·518	1·80	45.7622	8·9
...	0·872	+ 4·807	− 3	45.7623	10·2
...	0·881	−57·325	− 3	...	...
...	+ 0·904	+32·176	− 3	...	...
...	1·078	−29·055	− 5	...	...
...	1·157	−26·456	− 4	...	...
†	1·668	− 9·948	0·90	46.7691	9·4
...	1·730	+38·928	0·80	45.7624	9·6
331					
...	+ 1·903	−43·155	− 2	...	...
*	1·939	−40·014	1·40	46.7692	9·0
...	2·038	+39·751	0·70	45.7625	9·8
...	2·197	+53·345	0·70	45.7626	10·0
*	2·338	−53·303	1·40	46.7693	9·0
...	+ 2·454	−41·426	− 5	...	...
...	2·715	+57·609	− 4	...	...
*	3·206	−39·477	1·85	46.7694	8·8
*	3·253	+44·753	1·05	45.7627	9·4
...	3·351	+48·421	− 1	45.7628	10·1
341					
...	+ 3·457	+21·908	− 4	...	...
*	3·714	−49·056	1·30	46.7695	9·3
...	4·254	+59·168	− 2	44.7599	10·2
...	4·369	+38·482	0·80	45.7629	9·6
†	4·676	−25·143	− 3	....	...
†	+ 4·686	−32·247	− 4	...	...
*	4·818	+45·053	1·00	45.7630	9·5
‡	4·818	−37·279	1·15	46.7696	9·3
...	5·563	−46·788	− 2	...	...
...	5·608	+ 3·960	− 3	45.7631	10·1
351					
*	+ 5·608	−28·277	1·10	46.7697	9·4
*	6·137	−33·927	1·20	46.7698	9·4
...	6·260	+48·046	− 4	...	...
*	6·535	− 7·108	1·30	46.7699	9·2
...	7·088	+17·920	0·85	45.7632	9·6
...	+ 7·203	+12·818	− 4	45.7633	10·2
...	7·317	−59·162	0·75	46.7700	10·1
...	7·619	+52·539	− 1	45.7634	10·2
...	8·260	−13·547	− 3	...	...
...	8·304	−52·515	− 4	...	...
361-420					
361					
...	+ 8·429	+22·258	− 4	...	...
...	8·528	−27·721	− 5	...	...
...	8·561	+ 2·101	0·90	45.7635	9·6
...	8·594	− 7·974	− 1	46.7701	9·6
*	8·599	+19·467	1·05	45.7636	9·4
...	+ 8·646	−31·400	− 3	46.7702	10·1
...	8·808	−13·938	− 5	...	...
...	8·834	+33·686	1·05	45.7637	9·5
...	8·982	+23·252	0·75	45.7639	9·9
*	8·988	+53·283	1·05	45.7638	9·5
371					
...	+ 9·798	−30·673	0·75	46.7703	9·9
...	9·870	+ 9·377	− 2	45.7640	10·2
...	10·145	+21·166	− 2	45.7641	10·2
...	10·515	−26·790	− 2	...	...
...	10·825	+22·320	− 4	...	...
...	+11·073	−27·473	− 1	...	...
...	11·074	− 3·472	0·65	45.7642	10·0
...	11·118	−53·855	− 3	...	...
...	11·410	+18·597	− 4	...	...
...	12·235	− 7·531	− 5	...	...
381					
...	+12·490	+42·063	− 5	...	...
...	12·538	−30·236	− 2	46.7705	10·2
...	12·790	− 7·411	0·65	46.7706	10·2
...	13·106	−36·626	0·85	46.7707	9·9
...	13·300	−45·800	0·70	...	...
*	+13·349	−52·638	1·70	46.7708	9·2
... [	13·943	+54·342	0·70	45.7643	9·4
... [	14·007	+54·427	0·80		
...	14·038	+ 2·715	0·70	45.7644	9·8
...	14·584	+ 1·699	0·80	45.7645	9·6
391					
...	+14·861	+54·676	1·00	45.7646	9·6
...	15·397	− 7·687	0·80	46.7710	10·0
*	15·940	+17·285	1·60	45.7647	9·0
...	16·122	+18·238	− 2	...	...
*	16·336	−41·182	1·20	46.7711	9·5
...	+16·402	+15·887	0·65	45.7648	9·9
...	16·432	+ 2·563	− 1	45.7649	10·1
...	16·983	−15·889	− 3	46.7712	10·2
...	17·019	+33·996	− 2	45.7650	10·2
...	17·025	+ 4·061	− 1	...	...
401					
...	+17·216	−16·133	− 1	46.7713	10·2
...	17·575	− 8·455	0·70	46.7714	10·1
...	17·628	+39·393	− 3	45.7651	10·2
...	17·803	+55·571	− 4	...	...
...	18·756	−31·631	0·75	46.7716	9·8
*	+18·902	+57·592	1·90	44.7605	9·0
‡	19·239	−54·705	1·90	46.7717	8·8
...	19·273	+24·730	− 2	45.7652	10·2
...	19·295	+ 1·981	− 5	...	...
...	19·823	−56·143	− 5	...	...
411					
...	+19·872	+37·958	− 3	...	...
...	20·180	+ 6·872	0·80	45.7653	10·0
...	20·390	−41·204	− 5	...	...
S *	20·837	−43·369	2·50	46.7720	8·0
...	21·016	−36·721	− 5	...	...
...	+21·082	+52·692	1·00	45.7654	9·6
...	21·443	+21·339	1·05	45.7655	9·6
...	21·474	−45·684	0·95	46.7721	9·6
...	21·610	−23·698	− 3	...	...
...	21·864	−25·600	0·75	46.7722	10·2
421-480					
421					
...	+22·000	− 2·668	− 4	...	...
...	22·136	+45·118	− 4	...	...
...	22·146	−38·712	− 5	...	...
...	22·447	+14·366	− 5	...	...
...	22·551	−28·318	− 3	...	...
...	+23·201	+59·451	0·80	44.7613	10·1
*	23·474	+35·244	1·80	45.7656	8·8
...	23·681	+25·892	0·85	45.7657	9·6
*	23·701	−29·019	1·00	46.7723	9·6
...	24·023	−32·855	0·95	46.7724	9·6
431					
...	+24·155	+44·997	0·75	45.7658	10·1
†	24·625	−24·418	− 5	...	...
...	25·456	− 5·397	0·95	46.7725	9·6
*	25·634	− 1·276	1·30	45.7659	9·5
*	26·163	+42·881	1·15	45.7660	9·4
...	+26·311	−26·865	− 5	...	...
...	26·321	+46·070	− 5	...	...
...	26·889	− 9·427	0·90	46.7726	9·6
...	26·904	−59·341	0·75	46.7727	10·2
...	27·076	+28·182	− 4	...	...
441					
S *	+27·221	+13·146	1·80	45.7662	9·0
...	27·321	+36·300	− 2	45.7661	10·2
...	27·681	−52·760	− 3	...	...
...	27·715	+43·014	− 5	...	...
S ‡	27·820	− 9·911	2·15	46.7728	8·6
*	+27·869	+50·211	1·25	45.7663	9·5
*	28·225	−42·560	1·90	46.7729	8·8
...	28·634	−58·951	− 4	...	...
...	28·701	−53·557	− 1	...	...
...	28·967	−27·415	− 3	...	...
451					
...	+29·121	−51·218	− 2	...	...
...	29·172	− 2·217	− 5	...	...
...	29·323	+41·055	− 3	...	...
*	29·519	−48·536	1·80	46.7730	8·8
...	29·889	+55·883	0·80	44.7618	10·0
...	+30·396	− 8·997	− 5	...	...
...	30·655	−22·363	− 5	...	...
...	30·949	+43·073	− 4	...	...
...	31·147	−47·671	− 4	...	...
...	31·499	−37·259	− 5	...	...
461					
‡	+31·776	−19·909	1·60	46.7731	8·8
...	31·862	+38·657	0·95	45.7664	9·8
...	31·988	−44·130	− 5	...	...
...	32·000	+19·908	− 5	...	...
*	32·306	−44·151	1·00	46.7732	9·6
*	+32·533	−43·208	2·90	46.7733	8·2
...	32·566	−59·677	− 3	...	...
...	32·913	+52·923	− 5	...	...
...	32·922	− 0·032	− 5	α	...
...	33·476	+58·690	− 4	...	...
471					
...	+33·574	−48·265	− 2	...	...
...	33·600	− 8·240	− 1	46.7734	10·2
...	33·677	+55·664	1·10	44.7621	9·6
S ‡	34·593	+54·128	3·90	45.7665	7·2
†	34·694	−25·194	− 4	46.7735	10·1
‡	+34·734	−24·330	1·70	46.7736	9·0
...	34·867	−54·173	− 4	...	...
...	34·951	− 3·308	− 4	...	...
...	35·188	− 0·883	− 2	45.7666	10·2
...	35·208	+ 5·264	− 2	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
481–520					
481					
...	+35·432	+ 2·522	0·95	45.7668	9·8
...	35·522	+33·675	0·70	45.7667	10·0
...	35·548	−37·394	− 4	...	...
...	35·629	+26·721	− 4	...	...
...	35·654	−18·488	0·95	46.7737	9·6
...	+35·787	−33·434	− 5	...	...
...	35·874	−44·267	− 3	...	...
*	35·876	−44·640	1·80	46.7738	8·9
...	35·913	−45·986	− 2	...	...
*	36·099	+39·362	1·15	45.7669	9·5
491					
*	+36·141	+37·292	1·00	45.7670	9·6
...	36·674	+ 1·338	− 3	...	...
...	36·805	+28·674	− 2	...	...
...	36·909	−31·625	− 5	...	...
...	37·459	−52·403	− 4	...	...
...	+37·821	+37·697	− 1	...	...
*	37·840	− 0·691	2·60	45.7671	8·2
...	38·180	− 2·968	0·75	45.7672	10·2
...	38·389	− 9·368	− 4	...	...
...	38·896	+ 7·321	− 2	...	...
501					
...	+39·160	−18·992	− 3	46.7739	10·2
...	39·535	+19·780	0·85	45.7673	10·0
...	39·578	+31·483	− 4	...	...
†	39·596	−43·477	− 5	...	...
†	39·610	−27·412	− 4	...	...
‡	+39·670	− 6·975	1·05	46.7740	9·4
...	40·412	+53·070	0·90	45.7674	9·8
...	41·032	+ 2·180	− 1	45.7675	10·2
...	41·111	−33·421	0·80	46.7742	9·6
...	41·137	−41·505	0·90	46.7743	9·8
511					
...	+41·211	+56·588	0·75	44.7629	9·9
*	41·348	− 7·146	1·90	46.7741	9·0
...	41·542	+16·504	− 5	...	...
...	41·656	+29·494	− 5	...	...
...	42·082	− 3·962	− 4	...	...
*	+42·106	−25·555	1·60	46.7744	9·0
...	42·534	−48·973	0·70	46.7746	10·2
*	42·680	−10·690	2·30	46.7745	8·4
...	42·894	−32·078	0·65	46.7747	10·2
...	42·936	−10·577	− 2	...	...
521–560					
521					
...	+43·067	+ 5·585	− 4	...	...
...	43·614	−27·759	− 5	...	...
...	43·621	−38·066	− 3	...	...
...	43·622	+33·337	− 4	...	...
...	43·718	+42·108	− 2	...	...
...	+43·733	+55·338	− 5	...	...
...	43·889	−39·083	− 4	...	...
...	44·190	+12·390	0·90	45.7676	9·9
...	44·192	−52·359	− 1	46.7748	10·1
†	44·567	−51·192	− 1	46.7749	10·2
531					
†	+44·592	+27·067	0·80	45.7677	9·8
*	44·997	− 1·521	1·00	45.7678	9·5
...	45·090	−31·855	0·80	46.7750	10·1
...	45·189	−21·264	− 2	...	...
...	45·366	+20·117	0·80	45.7679	9·6
S *	+45·443	−45·702	3·55	46.7752	7·4
‡	45·642	+34·977	1·20	45.7680	9·3
...	45·743	+32·214	0·70	45.7681	10·0
...	45·790	−20·700	0·70	46.7751	10·2
...	46·290	+ 3·380	0·90	45.7683	9·8
541					
...	+46·548	+19·166	0·70	45.7682	10·1
...	46·980	−21·584	0·90	46.7753	9·9
*	47·456	+ 4·862	1·10	45.7685	9·5
...	47·502	−58·261	0·65	46.7754	10·0
...	47·608	−27·502	− 5	...	...
...	+47·639	+ 1·860	0·75	45.7686	9·9
...	47·867	+45·997	0·80	45.7684	9·8
*	48·155	+31·632	1·20	45.7687	9·2
...	48·326	−56·619	− 4	...	...
*	48·415	−43·780	1·20	46.7755	9·4
551					
...	+48·472	−46·786	− 5	...	...
...	48·735	−46·029	− 5	...	...
...	48·753	−29·024	− 4	...	...
*	48·989	−13·904	1·80	46.7756	9·0
†	49·644	−13·537	− 1	46.7757	10·2
*	+49·911	−38·681	1·00	46.7759	9·6
...	49·983	+ 7·113	− 4	...	...
*	50·025	−25·502	1·10	46.7758	9·5
...	50·212	−34·066	− 4	...	...
...	50·517	+25·738	0·65	45.7688	10·0
561–589					
561					
...	+50·980	+54·110	− 5	...	...
...	50·981	+17·747	− 3	...	...
*	51·290	+59·147	1·80	44.7645	8·9
...	51·460	−33·946	− 5	...	...
...	51·757	+52·951	− 2	45.7689	10·2
...	+51·948	+ 2·066	− 1	45.7690	10·2
...	52·188	+ 1·682	− 1	45.7691	10·2
...	52·430	−13·853	− 5	...	...
*	52·612	−56·352	1·30	46.7760	9·4
*	52·984	+47·433	3·40	45.7692	7·5
571					
...	+53·579	−30·910	− 2	46.7761	10·2
...	53·881	+46·495	0·75	45.7693	9·8
...	53·892	−11·854	0·70	46.7762	10·1
*	54·037	+53·251	1·50	45.7694	9·5
...	54·173	−33·606	− 1	46.7763	10·2
...	+54·376	+ 3·918	− 5	...	...
*	55·243	+38·613	1·15	45.7695	9·6
*	55·348	−49·000	1·90	46.7764	9·0
...	55·829	−31·055	0·75	46.7765	10·0
...	56·315	−10·322	0·80	46.7766	9·8
581					
...	+56·346	+22·658	− 3	...	...
...	56·852	−29·639	− 4	...	...
...	56·943	+39·616	− 1	45.7696	10·2
...	57·537	−32·925	0·90	46.7767	9·6
...	57·793	−58·378	− 4	...	...
...	+58·172	−25·528	− 4	...	...
...	58·521	+29·168	0·80	45.7697	10·1
...	58·536	+46·949	− 5	...	...
...	59·469	−30·441	− 1	46.7768	10·2

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
1–10					
1					
†	−60·148	−49·235	− 1	...	...
...	59·965	−35·279	− 5	...	...
...	59·956	+24·433	− 5	...	...
...	59·791	−19·153	− 5	...	...
...	59·755	−28·002	− 4	...	...
*	−59·668	+34·749	1·60	45.7680	9·3
*	59·510	+31·998	1·00	45.7681	10·0
*	59·487	+19·896	1·20	45.7679	9·6
...	59·419	−38·298	− 1	...	...
...	59·308	+20·113	− 5	M	...
11–20					
11					
...	−59·212	−38·989	− 5	...	...
*	59·190	− 1·737	1·10	45.7678	9·5
...	59·116	−39·310	− 4	...	...
...	59·111	−17·119	− 4	...	...
...	58·393	−52·571	0·70	46.7748	10·1
*	−58·377	−21·457	0·90	...	...
*	58·294	+18·986	0·90	45.7682	10·1
...	58·213	−15·193	− 5	...	...
...	58·200	+ 9·675	− 4	B	...
...	58·135	−12·270	− 5	...	...
21–30					
21					
*	−58·131	−32·055	1·05	46.7750	10·1
*	58·054	+ 3·189	1·00	45.7683	9·8
...	58·043	−51·404	0·65	46.7749	10·2
...	57·801	+45·838	0·75	45.7684	9·8
*	57·793	−20·890	1·05	46.7751	10·2
...	−57·576	+ 8·325	− 4	B	...
...	57·570	−36·001	− 4	...	...
...	57·546	−10·306	− 5	...	...
...	57·472	+ 9·849	− 4	C	...
...	57·328	−32·216	− 5	...	...

MJ measured from 1, 185, 339, 484, 603.
ES ,, ,, 87, 245, 405, 535.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
31–90					
31	′	′		°	
S *	−57·323	−45·882	3·35	46.7752	7·4
...	57·187	− 5·314	− 5	...	...
*	57·068	+31·485	1·60	45.7687	9·2
*	56·928	+ 4·712	1·30	45.7685	9·5
*	56·659	+ 1·721	0·90	45.7686	9·9
*	−56·588	−21·735	1·05	46.7753	9·9
...	56·380	−12·962	− 5	...	...
...	56·371	−11·524	− 5	...	...
...	55·928	−43·443	− 1	...	...
...	55·759	−27·615	− 3	...	...
41					
...	−55·476	−21·564	− 5	...	...
...	54·961	+54·050	− 3	...	...
...	54·902	−58·360	− 1	46.7754	10·0
*	54·797	−13·985	1·60	46.7756	9·0
*	54·788	+59·087	1·90	44.7645	8·9
...	−54·574	−29·105	0·65	...	...
*	54·535	+25·668	1·00	45.7688	10·0
...	54·476	+ 7·025	− 1	...	...
*	54·442	−43·864	1·60	46.7755	9·4
...	54·306	−46·857	− 5	...	...
51					
...	−54·233	−55·011	− 5	...	...
...	54·154	−13·595	0·65	46.7757	10·2
...	54·143	−56·679	− 4	...	...
...	54·137	+52·912	− 1	45.7689	10·2
...	54·047	−46·110	− 5	...	...
...	−54·035	+40·469	− 5	M	...
...	53·985	+41·707	− 4	...	...
...	53·815	+17·696	0·75	...	...
...	53·647	+54·536	− 5	...	...
...	53·402	+20·124	− 3	...	...
61					
*	−53·400	−25·549	1·30	46.7758	9·5
...	53·121	− 6·350	− 4	...	...
*	53·105	−38·723	1·15	46.7759	9·6
...	52·946	−34·085	0·65	...	...
*	52·728	+47·430	3·20	45.7692	7·5
...	−52·486	+52·371	− 4	...	...
...	52·361	+ 2·074	0·75	45.7690	10·2
...	52·206	+43·633	− 5	...	...
...	52·102	+ 1·698	0·75	45.7691	10·2
†	52·065	+ 5·220	− 3	B	...
71					
...	−51·917	+22·326	− 5	M	...
*	51·880	+53·288	1·60	45.7694	9·5
*	51·818	+46·524	1·00	45.7693	9·8
...	51·695	−33·940	− 3	...	...
...	51·465	−26·186	− 5	...	...
...	−51·371	−13·837	− 3	...	...
...	51·285	+ 7·179	− 5	M	...
...	51·252	− 9·541	− 3	...	...
†	51·197	−34·528	− 5	...	...
...	51·016	−31·952	− 5	...	...
81					
...	−50·988	+ 7·303	− 5	M	...
...	50·846	+52·171	− 5	...	...
...	50·594	−54·411	− 5	...	...
...	50·532	−45·064	− 5	...	...
...	50·312	−30·006	− 4	...	...
‡	−50·213	+38·679	1·20	45.7695	9·6
...	50·005	+47·771	− 5	...	...
...	49·996	+ 4·007	− 1	...	...
...	49·978	−11·779	0·85	46.7762	10·1
...	49·948	−38·028	− 5	...	...
91–150					
91	′	′		°	
...	−49·928	+ 1·067	− 3	...	...
*	49·859	−56·295	1·70	46.7760	9·4
...	49·850	−52·687	− 5	...	...
...	49·679	−30·833	0·85	46.7761	10·2
...	49·559	+14·485	− 5	M	...
...	−49·547	+ 6·559	− 5	M	...
...	49·422	+ 1·038	− 5	M	...
...	49·371	+ 9·677	− 4	...	...
...	49·367	+ 6·362	− 3	...	...
...	49·127	−47·262	− 5	...	...
101					
...	−49·038	−50·256	− 5	...	...
...	49·010	−33·524	0·85	46.7763	10·2
†	48·890	−29·554	− 4	...	...
...	48·622	−23·786	− 4	...	...
...	48·614	+22·787	0·65	...	...
...	−48·539	+39·745	0·85	45.7696	10·2
...	48·507	+46·339	− 4	...	...
...	48·424	+58·579	− 1	...	...
...	48·418	+46·335	− 1	...	...
...	48·347	+37·067	− 3	...	...
111					
...	−48·073	+34·575	− 5	...	...
...	48·067	+37·385	− 4	...	...
...	47·907	− 6·258	− 5	...	...
...	47·829	+10·008	− 5	M	...
...	47·805	−51·098	− 1	...	...
†	−47·781	+ 5·246	− 5	M	...
...	47·775	+ 6·547	− 5	M	...
...	47·685	+15·668	− 5	M	...
...	47·681	+41·886	− 4	...	...
*	47·603	−10·184	0·95	46.7766	9·8
121					
...	−47·586	+18·404	− 4	...	...
*	47·435	−30·917	1·00	46.7765	10·0
...	47·403	+55·549	− 1	...	...
*	47·352	−48·869	1·80	46.7764	9·0
...	47·194	+40·839	0·70	...	...
...	−47·174	+47·126	− 1	...	...
...	47·086	+36·035	− 5	M	...
...	46·886	+ 5·205	− 5	M	...
...	46·877	+22·652	− 5	M	...
...	46·861	+16·503	− 5	M	...
131					
...	−46·822	−25·986	− 5	M	...
...	46·731	+28·105	− 5	M	...
...	46·639	+29·352	0·90	45.7697	10·1
...	46·442	−29·466	− 1	...	...
...	46·422	−23·330	− 5	M	...
...	−46·392	−22·830	− 5	M	...
...	46·062	−27·267	− 5	...	...
...	45·871	−17·105	− 3	...	...
*	45·674	−32·730	1·10	46.7767	9·6
...	45·667	− 5·404	− 5	M	...
141					
...	−45·583	−26·699	− 5	...	...
...	45·568	−33·643	− 2	...	...
...	45·377	+33·280	0·65	...	...
*	45·313	+35·107	1·30	45.7698	9·4
...	45·275	−25·329	− 1	...	...
...	−44·928	−19·691	− 5	...	...
...	44·851	+28·230	− 5	...	...
...	44·657	+28·117	− 5	M	...
...	44·606	−58·150	0·70	...	...
...	44·605	+ 9·940	− 4	...	...
151–210					
151	′	′		°M	
...	−44·474	−35·461	− 5		...
...	44·410	−15·722	− 4	...	...
...	44·311	− 8·246	0·85	46.7769	9·8
...	44·306	+19·274	− 4	...	...
...	44·083	−14·848	− 3	...	...
...	−43·831	−30·185	0·80	46.7768	10·2
†	43·805	+40·236	− 4	...	...
...	43·734	−21·624	− 5	M	...
...	43·704	− 6·974	− 5	...	...
*	43·462	−34·217	1·00	46.7770	9·6
161					
*	−43·297	+29·758	1·70	45.7699	8·8
...	43·266	+ 6·330	− 4	...	...
...	42·975	+21·963	0·90	45.7700	10·1
...	42·753	+ 1·457	− 5	M	...
...	42·467	+25·432	− 2	...	...
...	−42·405	+25·585	0·85	45.7701	10·1
...	42·203	+49·302	− 1	...	...
...	42·139	−43·141	− 5	M	...
...	41·945	+47·639	− 5	...	...
...	41·786	−58·228	0·70	...	...
171					
...	−41·611	+19·800	− 5	M	...
...	41·341	+ 7·046	− 5	...	...
...	41·298	+45·019	− 4	M	...
...	41·205	+43·199	0·65	...	...
...	41·196	+19·731	− 4	M	...
...	−41·155	+50·565	− 5	M	...
S *	41·080	+ 4·524	1·50	45.7702	8·8
...	41·067	+41·037	− 5	M	...
...	40·818	+34·870	− 4	...	...
...	40·803	+35·334	− 5	...	...
181					
...	−40·723	+23·779	− 5	M	...
...	40·590	+13·397	− 2	...	...
...	40·540	+16·823	− 2	...	...
...	40·279	−25·606	− 5	...	...
...	39·930	+25·563	− 1	...	...
...	−39·788	−46·817	− 1	...	...
...	39·692	+ 2·173	− 4	M	...
...	39·318	+50·621	− 1	...	...
...	39·181	−35·609	0·80	...	...
...	39·081	+41·054	− 3	...	...
191					
...	−38·849	+ 3·736	− 3	B	...
...	38·786	+16·129	− 4	...	...
...	38·602	+ 8·723	− 4	M	...
...	38·531	−32·076	− 4	...	...
...	38·420	+47·127	− 4	...	...
...	−38·371	+26·129	− 2	...	...
*	38·204	+ 0·850	1·50	45.7703	8·8
...	38·178	+41·594	0·65	...	...
...	38·080	−34·927	− 5	...	...
...	38·013	+ 8·035	− 2	B	...
201					
...	−38·005	+ 0·972	− 5	M	...
...	37·956	−35·839	0·70	...	...
...	37·878	+27·904	− 5	M	...
*	37·714	−27·644	1·15	46.7774	9·5
...	37·388	−50·841	− 1	...	...
...	−37·331	+37·530	− 5	M	...
*	37·273	−49·490	1·30	46.7773	9·0
...	36·739	−46·451	− 3	...	...
...	36·087	+ 6·521	− 2	...	...
...	35·970	+40·722	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
211–270					
211	′	′		°	
*	−35·932	− 0·723	1·00	45.7704	9·8
...	35·593	−38·580	− 3	...	...
...	35·480	−13·810	− 2	...	...
*	35·297	+23·150	1·10	45.7705	9·2
†	35·225	+50·628	− 1	45.7707	10·2
...	−35·017	−31·664	− 4	...	...
...	34·970	+ 6·208	− 2	...	...
*	34·902	+ 3·261	1·00	45.7706	9·8
...	34·776	−51·131	− 3	...	...
...	34·680	+17·134	− 4	M	...
221					
...	−34·525	+ 4·959	− 4	M	...
...	34·461	− 4·223	− 4	...	...
*	34·361	+19·694	1·00	45.7708	9·8
...	34·187	+26·612	− 1	...	...
...	34·034	−34·380	− 1	...	...
...	−33·238	−48·008	0·80	...	...
...	33·058	+41·306	− 5	M	...
...	32·954	+16·577	− 3	...	...
...	32·942	−23·744	− 5	M	...
...	32·828	−10·496	− 2	...	...
231					
...	−32·423	−25·736	− 3	...	...
...	31·888	+40·559	− 5	M	...
...	31·767	+51·227	− 5	...	...
...	31·734	−22·559	− 5	M	...
...	31·499	+16·538	− 2	...	...
*	−31·422	−11·598	1·00	46.7775	9·8
...	31·185	+29·050	− 5	M	...
...	30·827	−24·490	− 2	...	...
...	30·699	+59·161	− 1	...	...
...	30·630	+36·594	− 4	...	...
241					
...	−30·458	+18·649	− 2	...	...
*	30·416	+35·982	1·20	45.7709	9·4
...	30·375	−49·737	− 3	...	...
...	30·328	+19·861	− 3	...	...
‡	30·180	+21·860	1·10	45.7710	9·5
...	−29·796	+10·738	− 5	M	...
*	29·709	−35·347	1·00	46.7778	9·8
*	29·649	−51·799	1·05	46.7777	9·6
...	29·461	+25·956	− 5	M	...
...	29·387	+35·305	− 4	...	...
251					
...	−29·375	−52·058	− 3	...	...
...	29·076	+21·368	0·85	45.7711	10·0
...	28·907	− 0·645	0·75	...	...
*	28·121	−26·495	0·95	46.7779	9·8
...	28·086	+21·195	0·75	45.7712	10·2
...	−27·873	−30·721	− 5	M	...
*	27·787	+ 5·849	1·30	45.7713	9·2
...	27·728	+22·545	0·65	...	...
*	27·713	−23·095	1·20	46.7780	9·2
*	27·464	+ 2·798	1·00	45.7714	9·6
261					
...	−26·940	−20·275	− 3	A	...
...	26·927	+20·533	− 3	...	...
...	26·732	+22·548	− 5	M	...
...	26·477	−24·687	− 2	...	...
...	26·133	−14·933	− 5	...	...
...	−26·110	+26·805	− 3	...	...
...	25·603	−22·159	− 5	...	...
...	25·539	−11·879	− 5	M	...
...	25·139	− 7·904	− 5	...	...
...	25·044	+13·989	− 3	...	...
271–330					
271	′	′		°	
...	−24·908	+29·188	0·95	45.7715	10·0
...	24·658	−50·888	− 2	...	...
...	24·516	+21·160	− 2	...	...
*	24·409	−31·757	1·05	46.7781	9·6
...	24·383	+50·930	0·90	45.7716	10·1
...	−23·625	−34·778	0·85	46.7782	9·9
...	23·573	+ 4·983	− 4	...	...
...	23·348	+22·076	0·65	...	...
...	23·279	+38·662	− 1	...	...
S *	23·170	+49·952	1·90	45.7717	8·6
281					
†	−23·155	+ 5·289	− 5	M	...
...	22·985	+ 0·599	− 4	...	...
*	22·706	+14·039	1·05	45.7718	9·6
*	22·518	+18·222	0·95	45.7719	10·1
...	22·459	−15·634	− 4	...	...
...	−22·421	−30·839	0·75	...	...
...	22·053	+ 9·714	− 5	M	...
...	21·983	+56·377	0·85	44.7677	10·2
...	21·898	+17·153	− 5	...	...
...	21·884	−13·886	− 4	...	...
291					
...	−21·622	+32·847	− 5	M	...
...	21·598	−38·289	− 5	M	...
*	21·512	+42·688	1·05	45.7720	9·6
...	21·494	−42·607	− 5	...	...
...	21·452	− 0·976	− 5	M	...
...	−21·450	+16·342	− 3	...	...
...	21·108	−41·792	− 5	...	...
...	21·108	+ 6·886	− 5	M	...
...	21·098	+17·197	− 4	A	...
...	21·014	+17·314	− 2	...	...
301					
*	−20·981	+42·632	1·25	45.7722	9·4
n *	20·912	+17·182	0·90	45.7721	9·6
n *	20·710	+17·094	1·05		
...	20·677	+16·301	0·85	45.7723	9·8
*	20·493	+16·219	0·95		
...	−20·430	+29·606	0·90	45.7724	10·1
...	20·068	− 7·362	− 5	...	...
...	19·679	+12·336	− 2	...	...
...	19·525	+14·395	− 5	M	...
...	18·817	+36·073	− 5	M	...
311					
S *	−18·561	+28·487	1·30	45.7725	9·0
...	18·532	−33·413	0·80	...	...
...	18·351	+11·697	− 4	M	...
...	18·270	+ 2·850	0·65	...	...
...	18·007	+34·537	− 5	M	...
...	−17·954	−51·494	− 5	...	...
*	17·885	+18·636	0·95	45.7726	9·8
...	17·822	−47·309	0·70	46.7783	10·2
...	17·744	+10·809	− 5	M	...
...	17·694	−44·348	− 5	...	...
321					
...	−17·352	−54·233	− 1	...	...
...	17·202	−44·372	− 3	...	...
...	17·148	− 6·971	− 5	M	...
...	16·941	−54·140	− 4	...	...
...	16·892	+ 6·893	− 3	...	...
...	−16·873	−21·252	− 5	M	...
...	16·614	− 2·467	− 5	...	...
...	16·521	+16·053	− 4	...	...
*	16·449	+45·732	1·00	45.7727	9·8
...	16·037	− 0·641	− 5	...	...
331–390					
331	′	′		°	
...	−15·970	+55·466	− 4	...	...
†	15·766	−49·549	− 5	...	...
...	15·702	+49·502	− 5	M	...
†	15·464	+45·191	− 3	...	...
...	15·460	+53·277	− 5	M	...
...	−15·367	−22·863	− 5	...	...
...	15·360	− 9·459	− 5	M	...
...	15·346	−18·488	− 5	...	...
...	14·762	− 2·571	− 2	...	...
...	14·739	+50·767	0·70	45.7728	10·2
341					
...	−14·065	−25·467	− 3	...	...
*	14·039	+36·078	1·15	45.7729	9·5
...	13·991	−54·820	− 4	...	...
...	13·916	+58·005	− 2	...	...
...	13·812	−34·708	− 5	...	...
...	−13·731	+44·050	− 3	...	...
...	13·495	+27·939	− 2	...	...
...	13·446	+40·582	− 5	M	...
...	13·384	−12·375	− 2	...	...
...	13·336	+55·424	0·70	45.7730	10·2
351					
...	−12·885	−53·382	0·90	46.7784	9·8
...	12·828	−25·361	− 5	...	...
...	12·576	− 6·875	− 3	...	...
S *	12·514	−19·030	1·80	46.7785	8·8
...	12·070	+39·748	− 5	M	...
*	−11·978	−17·903	1·10	46.7786	9·6
...	11·579	+43·974	− 2	...	...
...	11·196	+48·197	− 5	M	...
...	10·620	+ 9·638	− 1	...	...
†	10·273	+38·078	− 2	...	...
361					
...	−10·223	−56·280	− 1	...	...
...	9·926	− 2·902	− 3	...	...
...	9·717	+59·922	− 1	...	...
...	9·509	−32·183	− 4	...	...
...	9·502	− 8·142	0·70	...	...
...	− 9·399	−19·244	− 1	...	...
...	8·987	+19·394	− 4	M	...
...	8·479	−12·622	− 4	...	...
...	8·220	+12·785	− 4	M	...
...	7·817	−20·314	− 4	...	...
371					
...	− 7·713	+35·823	− 5	M	...
...	7·682	−37·392	− 3	...	...
...	7·643	+37·902	− 5	M	...
*	7·320	−23·288	0·95	46.7787	10·2
...	6·913	+53·111	− 5	M	...
...	− 6·878	+58·554	− 5	...	...
...	6·717	+ 8·870	− 3	...	...
αf†	6·493	+ 0·273	− 2	45.7731	10·2
...	6·480	+43·032	− 5	M	...
...	6·129	+51·859	0·65	...	...
381					
S *	− 6·049	−29·816	1·95	46.7788	8·2
...	5·499	− 8·685	− 2	...	...
...	5·213	+ 5·094	− 5	M	...
...	5·087	+49·154	− 4	...	...
†	4·805	− 9·719	− 4	...	...
...	− 4·715	+39·793	− 1	...	...
...	4·660	−48·042	0·80	...	...
...	4·482	−16·796	− 5	M m	...
*	4·209	+16·010	1·00	45.7732	9·9
...	4·072	−27·717	0·65	...	...

302, 303. C.P.D., suspected double.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
391–450					
391	′	′		°	
S *	− 3·923	+37·730	1·75	45.7733	8·9
...	3·798	− 2·403	− 4	M *m*	...
...	3·329	+47·045	− 5	M	...
...	2·741	−27·978	− 5	M *m*	...
...	2·706	−45·218	− 1	...	...
...	− 2·641	−26·437	− 3	...	...
...	2·210	+32·596	0·65	45.7734	10·2
...	1·670	+47·243	− 2	...	...
...	1·636	+30·882	0·65	45.7735	10·1
...	1·394	+51·430	0·80	45.7736	10·2
401					
...	− 1·251	−32·209	− 4	...	...
...	1·078	+46·878	− 2	...	...
...	0·493	−58·857	− 4	...	...
†	0·382	−14·964	− 2	...	...
†	0·328	−50·570	− 4	...	...
...	− 0·137	+59·439	0·85	44.7689	10·2
*	+ 0·219	−12·788	1·15	46.7789	9·6
...	0·341	−13·570	− 2	...	...
...	0·356	+33·728	− 5	M	...
...	0·431	− 2·925	− 4	...	...
411					
...	+ 0·491	+30·454	− 3	...	...
...	0·635	+44·548	− 3	...	...
*	0·707	− 5·204	1·40	46.7790	9·3
...	0·735	+12·629	− 5	M	...
...	1·044	− 6·337	− 5	...	...
...	+ 1·091	+37·891	− 5	M	...
...	1·091	−19·316	− 2	...	...
...	1·358	− 5·058	− 5	...	...
...	1·494	− 5·211	− 5	M	...
...	1·625	+ 9·245	− 5	M	...
421					
...	+ 1·719	−23·354	− 4	*m*	...
...	1·748	+55·533	− 4	...	...
...	1·797	+14·990	− 4	M	...
...	1·844	+12·065	− 5	M	...
...	1·897	+22·200	− 5	M	...
...	+ 2·135	+27·694	− 5	M	...
...	2·277	−49·361	− 4	...	...
...	3·040	+ 3·228	− 4	M	...
...	3·326	+28·826	0·80	45.7737	10·1
...	3·945	−43·608	− 2	...	...
431					
...	+ 4·241	+13·344	− 4	M	...
...	4·286	−31·702	− 4	...	...
†	4·746	+35·568	0·70	...	...
...	5·197	−13·921	− 3	...	...
*	5·201	−32·032	1·00	46.7791	9·6
...	+ 5·346	−17·763	− 5	M	...
...	5·573	+28·813	− 1	...	...
...	5·845	+48·714	0·75	...	...
...	5·901	+33·655	− 5	M	...
...	6·059	+16·518	− 5	M	...
441					
...	+ 6·410	−38·751	− 5	M	...
...	6·514	−16·777	− 5	M *m*	...
...	6·643	+35·901	− 5	M	...
...	6·816	+40·462	− 5	M	...
...	6·892	−30·429	− 3	...	...
...	+ 7·448	+ 0·349	− 5	M *m*	...
...	7·464	−18·029	− 5	M	...
...	8·191	+10·495	− 5	...	...
...	8·430	+ 5·193	0·80	45.7738	10·2
*	8·512	+25·008	0·95	45.7739	9·8
451–510					
451	′	′		°	
*	+ 9·052	+25·381	1·15	45.7740	9·2
*	9·107	−45·662	1·25	46.7792	9·5
...	9·128	− 1·572	− 5	...	...
...	9·270	+22·044	− 5	...	...
...	9·527	−46·703	− 5	...	...
...	+ 9·539	−58·861	− 5	...	...
...	10·148	−17·511	0·70	...	...
...	10·361	−51·061	0·80	...	...
...	10·524	+16·371	− 5	...	...
...	10·716	+31·552	0·85	45.7741	10·1
461					
...	+11·125	−47·918	− 5	*m*	...
...	11·512	−37·638	0·65	...	...
...	11·554	−15·511	0·65	...	...
†	11·661	+60·057	− 1	...	...
...	11·841	+30·915	− 3	...	...
*	+11·892	−34·016	1·10	46.7793	9·5
...	12·262	+12·828	− 2	...	...
*	12·264	+53·022	0·95	45.7742	10·2
...	12·270	+57·479	− 5	...	...
...	12·307	+ 5·462	− 5	...	...
471					
*	+12·420	+27·413	0·95	45.7743	9·8
*	13·237	+26·418	0·95	45.7744	9·8
...	13·254	+59·969	− 5	...	...
*	13·339	+58·861	1·30	44.7698	9·4
...	13·374	+ 1·839	− 4	...	...
...	+13·438	−58·128	0·75	...	...
...	13·440	+21·026	1·65	...	...
*	13·754	−41·257	1·00	46.7794	9·8
...	13·820	− 5·756	− 5	*m*	...
†	13·883	+25·229	− 5	...	...
481					
...	+14·010	+40·800	− 3	...	...
...	14·162	− 7·020	− 5	*m*	...
...	14·291	+33·283	0·65	...	...
...	15·107	+24·480	− 2	...	...
*	15·202	+ 7·479	1·10	45.7745	9·4
...	+15·244	+58·668	0·80	44.7699	9·8
...	15·805	−22·586	0·80	46.7796	10·1
...	15·830	+23·677	− 3	...	...
...	16·085	−34·298	− 5	...	...
...	16·186	−21·615	− 5	*m*	...
491					
...	+16·279	+27·777	− 4	...	...
...	16·508	−22·018	− 5	...	...
*	16·624	+21·822	1·20	45.7746	9·6
...	16·659	−59·454	− 1	...	...
...	16·931	+24·579	− 5	...	...
...	+16·942	−23·692	− 2	...	...
...	17·090	+44·040	− 5	...	...
*	17·601	+19·078	1·10	45.7747	9·6
N [	17·853	−37·599	− 5	...	...
...	18·075	+32·697	− 5	...	...
501					
...	+18·204	−49·376	0·65	46.7797	10·1
...	18·584	+43·887	− 4	...	...
*	18·754	+38·933	1·20	45.7748	9·0
...	19·075	+24·535	− 5	...	...
...	19·775	+49·987	− 4	...	...
...	+19·870	−36·552	0·65	...	...
...	20·852	+ 1·813	− 3	...	...
...	21·265	−13·227	− 4	*a*	...
...	21·613	−53·462	0·70	...	...
...	22·317	+ 7·016	0·80	45.7749	10·2
511–570					
511	′	′		°	
*	+23·097	+38·013	1·70	45.7750	9·0
...	23·594	− 7·638	− 2	...	...
...	23·694	−17·380	− 5	...	...
*	23·710	−42·580	1·00	46.7799	10·2
...	24·380	+25·078	− 4	...	...
†	+24·649	−10·158	− 3	...	...
...	24·877	+35·666	− 3	...	...
...	24·889	− 8·715	− 4	...	...
...	25·314	−36·486	− 5	...	...
...	25·591	−53·899	− 4	...	...
521					
S *	+25·864	−55·547	1·35	46.7800	9·2
...	25·881	+ 6·211	0·70	45.7752	10·2
*	25·906	+35·711	1·05	45.7751	9·5
...	26·229	− 5·697	− 5	...	...
*	26·743	−43·938	1·10	46.7801	9·6
...	+27·187	+13·082	− 2	...	...
...	27·406	+ 2·842	− 2	...	...
...	27·515	+29·926	− 5	...	...
...	27·570	+26·102	− 5	...	...
*	28·614	+21·838	1·00	45.7753	9·8
531					
...	+28·667	+39·295	− 1	...	...
...	28·817	+54·887	− 3	...	...
†	28·842	− 9·767	− 3	...	...
S *	29·191	− 0·853	2·85	45.7754	7·6
...	29·774	+16·666	− 5	...	...
...	+29·827	+25·448	− 5	...	...
...	30·173	+57·344	− 3	...	...
...	31·209	+27·559	− 4	...	...
...	31·242	+24·680	− 5	...	...
...	31·377	+47·642	0·85	45.7755	10·2
541					
...	+31·379	+28·459	− 3	...	...
...	31·507	+28·870	− 5	...	...
...	31·523	+51·953	0·85	...	...
...	32·867	+26·079	0·75	...	...
...	33·013	+53·477	− 3	...	...
...	+33·177	−34·206	− 5	*m*	...
...	33·291	−29·320	− 5	...	...
...	33·489	+37·670	0·65	...	...
*	33·660	−34·131	1·25	46.7802	9·4
...	33·713	−45·309	0·90	46.7803	10·2
551					
...	+35·017	−19·134	− 3	...	...
...	35·024	−35·658	− 5	...	...
...	35·131	+13·128	− 5	...	...
S *	35·439	+49·960	2·80	45.7756	7·8
...	35·729	+56·491	0·90	...	...
*	+36·098	+21·642	1·00	45.7757	9·8
...	36·156	+ 7·868	− 3	...	...
*	36·283	−43·968	1·20	46.7804	9·8
...	36·447	−31·876	− 4	*a*	...
S *	36·520	+21·146	2·55	45.7758	8·2
561					
...	+36·940	−32·565	− 4	...	...
...	36·988	+29·676	− 3	...	...
...	37·115	−44·331	− 5	...	...
...	37·260	+ 8·396	− 5	...	...
...	37·294	+15·729	− 3	...	...
...	+37·606	+19·371	− 4	...	...
...	38·142	+ 2·861	− 5	...	...
...	38·193	−50·712	− 3	...	...
*	38·193	−53·781	1·70	46.7806	9·2
*	38·329	−24·947	1·05	46.7805	9·6

499. Mass. 47°·96, Brighter star.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
571–610					
571					
...	+38·537	−48·083	− 5	*m*	...
...	38·684	+37·873	− 4	...	...
...	38·713	+45·568	− 4	...	...
*	38·853	+16·161	0·95	45.7760	9·8
*	39·035	+55·415	1·00	45.7759	9·8
*	+39·180	−20·650	1·20	46.7807	9·5
...	39·197	−25·639	− 5	...	...
...	39·537	+46·839	− 4	...	...
...	39·757	+42·782	− 3	...	...
...	39·899	− 1·229	− 5	*m*	...
581					
...	+39·980	−31·384	0·75	...	...
...	40·104	+33·695	− 4	...	...
...	40·274	− 4·246	− 3	...	...
...	40·553	+10·772	− 3	...	...
...	40·693	+32·046	− 5	...	...
...	+41·013	+17·464	− 5	...	...
...	41·193	+43·772	− 5	...	...
...	41·301	+12·889	− 3	...	...
...	41·502	−38·114	0·70	...	...
*	41·852	−15·486	2·80	46.7808	7·9
591					
...	+41·853	+41·884	− 3	...	...
...	41·865	−27·920	− 5	*m*	...
...	42·332	−15·105	− 5	...	...
...	42·716	− 8·137	− 1	...	...
...	43·001	+23·654	− 3	...	...
÷	+43·276	+55·082	2·30	45.7761	8·2
...	43·521	+ 4·461	− 5	...	...
...	43·561	+26·132	− 2	...	...
...	43·763	−11·182	− 5	...	...
...	43·967	−54·717	− 5	...	...
601					
...	+44·200	−30·616	− 3	...	...
÷	44·457	−32·682	1·80	46.7809	8·8
*	44·792	−53·789	1·40	46.7810	9·4
...	44·868	+51·113	− 1	45.7762	10·1
...	45·317	+15·754	− 5	...	...
*	+45·829	−43·174	1·05	46.7811	9·8
...	46·849	+49·653	− 1	...	...
...	47·371	+56·865	− 5		...
...	47·533	+23·242	− 5	...	...
...	47·582	−34·375	0·65	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
611–650					
611					
...	+47·786	+ 9·897	0·70	...	...
...	47·806	+ 2·818	− 1	...	...
*	47·809	+ 0·481	1·05	45.7763	8·7
*	47·964	+ 0·546	1·70		
*	48·308	+25·570	1·50	45.7764	9·2
...	+48·423	+ 6·233	0·75	...	...
...	48·452	+28·884	− 5	...	...
...	48·553	−46·895	− 3	...	...
...	48·874	−28·368	− 3	...	...
*	48·908	+40·841	1·40	45.7765	9·5
621					
...	+49·429	+19·387	− 5	...	...
S ‡	49·569	−37·648	2·05	46.7812	8·4
...	49·657	+22·513	0·65	45.7766	10·2
...	49·792	+29·535	− 3	...	...
...	51·327	+40·483	− 3	...	...
...	+51·463	− 7·658	− 1	...	...
...	51·934	−24·458	− 1	...	...
...	51·956	+25·988	− 5	...	...
...	52·010	−33·092	0·85	46.7813	10·2
...	52·233	− 6·441	− 5	...	...
631					
...	+52·306	− 9·176	− 3	...	...
*	52·566	+43·896	1·10	45.7767	10·0
...	52·639	+24·134	− 5	...	...
...	52·660	− 7·092	− 5	*m*	...
*	52·821	−18·584	1·30	46.7814	9·5
...	+52·827	+44·556	− 5	...	...
...	52·871	+ 2·587	− 3	...	...
...	52·965	+13·522	− 2	...	...
...	53·191	+ 7·601	0·65	...	...
...	54·270	+47·829	− 3	...	...
641					
...	+54·285	+ 4·977	− 5	*m*	...
†	54·459	−10·152	− 4	...	...
†	54·526	+56·826	− 1	...	...
...	54·648	−31·866	− 3	...	...
...	54·650	+22·189	0·65	...	...
...	+55·015	+14·857	− 3	...	...
...	55·233	− 3·121	− 4	...	...
...	55·362	+10·291	− 2	...	...
...	55·720	+ 5·814	− 2	...	...
...	55·808	− 4·272	− 3	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
651–670					
651					
...	+55·918	−35·296	− 3	...	...
...	56·208	+ 2·142	0·65	...	...
...	56·220	+46·668	− 3	...	...
...	56·393	−39·293	− 1	...	...
...	56·557	+23·126	− 4	...	...
...	+56·644	−14·076	− 5	*m*	...
...	57·002	−24·196	− 3	...	...
...	57·319	+10·679	0·70	...	...
...	57·490	−41·098	1·00	...	...
...	57·529	−25·656	0·70	...	...
661					
...	+57·556	−35·298	− 5	*m*	...
*	57·584	+ 4·514	1·00	45.7768	10·0
...	57·840	−11·143	0·95	46.7815	10·2
...	58·003	+43·314	− 3	...	...
...	58·306	+45·554	− 3	...	...
...	+58·315	+48·182	− 3	...	...
...	58·530	+31·167	0·65	45.7769	10·2
...	58·900	−37·207	− 5	*m*	...
...	58·966	+33·832	− 5	...	...
...	59·242	− 5·145	− 5	*m*	...

I					
1–10					
...	−59·397	+15·526	− 5	...	...
...	59·049	−30·860	− 4	...	...
...	58·919	+49·472	− 5	...	...
*	58·721	−32·902	2·30	46.7809	8·8
*	57·729	−54·000	1·90	46.7810	9·4
...	−57·426	+23·083	− 5	...	...
...	57·026	−43·347	1·10	46.7811	9·8
...	56·748	+ 9·751	0·90	...	...
*	56·723	+25·432	1·80	45.7764	9·2
*	56·582	+40·707	1·50	45.7765	9·5

II					
11–20					
...	−56·502	+ 2·684	− 1	...	...
* [	56·415	+ 0·350	1·15	45.7763	8·7
* [	56·278	+ 0·425	2·00		
...	56·001	+ 6·110	0·75	...	...
...	55·580	+31·230	− 5	...	...
...	−55·548	−34·513	− 2	...	...
...	55·354	+29·432	− 5	...	...
...	55·260	+22·425	− 1	45.7766	10·2
...	54·462	−28·457	− 3	...	...
...	54·181	+40·445	− 4	...	...

21					
21–30					
...	−54·172	−47·000	− 4	...	...
S*	53·465	−37·713	2·90	46.7812	8·4
*	53·034	+43·900	1·10	45.7767	10·0
...	52·814	+44·549	− 5	...	...
...	52·508	− 7·668	− 3	...	...
...	−51·689	+13·545	− 4	...	...
...	51·622	− 9·168	− 5	...	...
...	51·519	−24·466	− 2	...	...
...	51·473	+47·871	− 4	...	...
...	51·464	+56·865	− 3	...	...

MJ measured from 1, 202, 424.
ES „ „ 85, 337, 538.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
31–90					
31					
...	−51·431	+ 2·610	− 5	...	...
...	51·284	+ 7·649	0·65	...	...
*	51·169	−33·080	1·00	46.7813	10·2
*	50·807	−18·559	1·30	46.7814	9·5
...	50·266	+22·246	− 1	...	...
†	−49·682	+14·932	− 3	...	...
...	49·471	+46·794	− 1	...	...
...	49·199	+10·391	− 1	...	...
...	48·891	− 3·017	− 4	...	...
...	48·697	+ 5·924	− 4	...	...
41					
...	−48·566	−31·768	− 3	...	...
...	48·391	+23·258	− 4	...	...
...	48·286	− 4·164	− 4	...	...
...	48·075	+ 2·261	0·90	...	...
...	47·588	+43·480	− 1	...	...
...	−47·423	+48·369	− 3	...	...
...	47·366	+45·739	− 3	...	...
...	47·239	+10·830	0·65	...	...
...	47·200	−35·165	− 3	...	...
*	46·776	+ 4·686	1·20	45.7768	10·0
51					
...	−46·680	+31·365	0·65	45.7769	10·2
...	46·594	−39·144	− 1	...	...
...	46·512	−33·355	− 5	M	...
...	46·466	−24·046	− 5	...	...
...	46·331	+34·046	− 5	...	...
...	−46·026	−10·960	0·90	46.7815	10·2
...	45·889	−25·472	0·65	...	...
...	45·771	+39·725	0·65	...	...
*	45·441	−40·909	1·00	...	...
†	45·186	+42·029	− 1	...	...
61					
S *	−44·843	+23·899	2·20	45.7770	8·6
* [	44·809	+25·155	1·30	45.7771	9·6
* [	44·670	+25·140	− 3	...	...
...	44·084	+18·585	− 5	...	...
...	43·724	−30·568	0·65	...	...
...	−43·647	+35·507	− 4	...	...
...	43·630	+17·698	− 4	...	...
*	43·432	+44·033	1·10	45.7772	10·0
...	43·420	−35·355	− 5	...	...
...	43·203	+36·791	− 5	...	...
71					
*	−42·995	+55·457	1·00	45.7773	10·2
...	42·798	−41·491	− 3	...	...
...	42·704	−35·799	− 5	...	...
...	42·585	+41·271	− 1	...	...
...	42·579	−29·481	− 3	...	...
...	−42·456	−21·730	0·75	...	...
...	42·157	+30·765	− 4	...	...
...	41·952	+23·307	− 3	...	...
...	41·869	+46·315	− 4	...	...
...	41·329	−41·376	0·65	...	...
81					
...	−41·112	+54·210	− 4	...	...
...	40·927	+10·694	− 3	...	...
*	40·558	−31·559	1·00	...	...
...	40·311	−23·264	0·90	...	...
...	40·089	−14·798	0·80	...	...
...	−39·744	−52·865	− 5	...	...
...	39·659	−23·007	0·90	46.7817	10·2
...	39·522	− 6·863	− 5	...	...
...	39·468	+48·104	− 4	...	...
...	38·984	+ 0·943	− 1	...	...
91–150					
91					
...	−38·821	−20·606	− 1	...	...
...	38·176	−32·295	− 1	...	...
...	38·168	+15·118	0·65	...	...
...	38·096	−46·136	− 4	...	...
...	37·994	−25·213	− 4	...	...
...	−37·893	−57·274	− 1	...	...
...	37·660	+23·219	− 5	...	...
...	37·581	− 3·006	− 5	...	...
...	37·551	+52·302	− 1	...	...
...	37·135	+ 8·156	− 1	...	...
101					
...	−36·940	+39·132	− 5	...	...
...	36·547	−28·833	− 5	...	...
*	36·302	+41·142	1·00	45.7774	9·9
...	36·032	+20·500	− 4	...	...
*	35·743	−14·653	1·20	46.7818	9·6
...	−35·667	+13·765	− 5	...	...
...	35·666	+13·029	− 1	...	...
*	35·566	−14·866	1·00	46.7819	9·9
...	35·453	+47·404	− 5	...	...
...	35·452	−53·170	− 5	...	...
111					
*	−35·429	−14·031	1·05	46.7820	9·9
‡	35·232	+56·154	1·80	44.7743	9·2
N †	35·191	+21·871	− 5	...	...
...	35·122	+32·070	− 4	...	...
...	34·161	+40·339	− 2	...	...
...	−33·895	+16·997	− 5	...	...
...	33·892	+ 9·233	0·85	...	...
...	33·746	−35·175	0·65	...	...
...	33·673	+12·627	− 5	...	...
...	33·367	+29·252	− 5	...	...
121					
...	−32·981	−18·786	− 5	...	...
...	32·835	− 1·672	− 5	...	...
...	32·715	−51·002	− 5	...	...
...	32·575	−59·531	0·75	...	...
...	32·525	+32·057	− 4	...	...
...	−32·482	+ 1·080	− 4	...	...
*	32·400	−21·342	1·30	46.7821	9·8
*	31·829	+ 4·185	1·30	45.7775	9·6
...	31·805	+35·522	0·75	...	...
*	31·677	+35·098	1·60	45.7776	9·2
131					
...	−31·658	−28·713	0·65	...	...
...	31·617	+48·747	− 1	...	...
...	31·429	−15·698	− 5	...	...
...	31·282	+44·625	0·70	...	...
...	30·379	+12·513	− 4	...	...
†	−30·243	+51·504	0·70	45.7777	10·2
...	29·755	+ 9·994	− 5	...	...
...	29·570	− 5·680	− 5	...	...
...	29·460	− 9·390	− 4	...	...
...	29·431	−17·630	0·70	...	...
141					
*	−29·265	−35·075	1·50	46.7822	9·6
...	29·009	+52·375	− 5	...	...
...	28·873	+23·833	− 5	...	...
*	28·691	+47·134	2·00	45.7778	8·9
...	28·644	− 1·319	− 1	...	...
...	−28·419	−55·982	− 1	...	...
...	28·226	+25·064	− 5	...	...
...	28·181	−53·349	0·65	...	...
...	28·161	+57·729	− 5	...	...
...	28·157	+12·742	0·90	45.7779	10·2
151–210					
151					
...	−27·825	+ 1·698	− 5	...	...
...	27·381	+41·370	− 5	...	...
...	27·331	− 0·174	− 1	...	...
...	27·170	−43·487	− 1	...	...
*	26·923	−33·078	1·80	46.7823	9·5
* [	−26·757	−46·287	1·15	46.7824	9·8
...	26·682	−46·333	− 3	...	...
...	26·656	−33·079	− 5	...	...
...	26·645	−15·327	0·70	...	...
†	26·200	−29·994	− 5	...	...
161					
...	−26·108	−22·574	− 1	...	...
*	25·466	− 9·741	1·80	46.7825	9·4
...	25·410	+ 3·418	− 5	...	...
...	25·391	+30·458	− 5	...	...
†	25·173	+28·223	− 2	...	...
...	−24·603	+52·028	− 1	...	...
...	24·424	+30·116	− 3	...	...
*	24·401	− 8·517	2·00	46.7826	9·0
*	24·395	−10·394	1·15	46.7827	10·0
...	24·197	−51·673	0·80	...	...
171					
*	−24·123	+56·118	1·80	44.7749	9·3
...	24·048	+10·392	− 3	...	...
...	23·943	+58·791	− 1	...	...
N [	23·925	−37·154	− 5	...	...
...	23·846	+14·609	− 5	...	...
*	−23·843	−15·302	2·50	46.7828	8·6
...	23·840	+53·107	− 5	...	...
...	23·744	+37·194	− 4	...	...
...	23·724	−22·444	0·75	...	...
...	23·434	+22·285	− 5	...	...
181					
...	−23·381	+40·361	0·75	...	...
*	23·379	−24·526	1·30	46.7829	10·0
...	23·230	+ 2·359	− 1	...	...
...	23·150	− 9·708	− 1	...	...
...	23·066	+46·737	− 5	...	...
...	−23·066	+18·433	− 3	...	...
*	22·969	−46·616	1·90	46.7830	9·2
SN*	22·769	− 1·161	2·10	45.7780	8·8
...	22·399	+46·948	0·95	...	...
...	22·292	− 1·811	− 5	M	...
191					
...	−22·164	−41·435	− 3	...	...
*	21·694	−21·798	1·25	46.7831	9·8
...	21·592	+16·700	− 1	...	...
...	21·459	+45·295	− 5	...	...
...	21·289	−36·654	− 5	...	...
...	−20·988	−22·406	0·90	...	...
...	20·839	+ 2·359	− 1	...	...
...	20·818	+16·972	− 5	...	...
...	20·804	−17·491	− 5	...	...
*	20·704	+17·783	1·80	45.7781	9·4
201					
...	−20·660	+13·448	− 1	...	...
*	20·015	+ 7·953	1·50	45.7782	9·6
...	19·849	+58·630	− 4	...	...
...	19·702	+ 3·220	− 1	...	...
...	19·168	+26·947	− 5	...	...
*	−19·103	+10·481	1·05	...	...
...	19·024	−16·514	− 4	...	...
...	18·786	+50·146	− 4	...	...
S *	18·718	+45·888	2·30	45.7783	8·8
...	18·600	−27·940	− 3	...	...

113. Partly obscured by flaw.
174. Mass. 47°·96, brighter star.
188. Var. L=8·6—10·0.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
211–270					
211	′	′		°	
*	−18·472	−53·150	1·05	...	...
...	18·420	+38·222	− 5	...	...
...	18·173	+ 7·400	− 1	...	...
...	18·149	+41·454	0·65	...	...
...	18·097	+42·265	− 5	...	...
‡	−17·620	+19·814	1·20	45.7784	10·0
...	17·333	−45·880	− 5	...	...
...	17·008	+46·894	0·65	...	...
*	16·919	−40·508	1·70	46.7832	9·6
...	16·893	+41·565	− 5	...	...
221					
...	−16·855	+38·028	0·90	...	...
...	16·612	−54·046	− 1	...	...
...	16·499	− 2·473	0·90	...	...
...	16·161	+33·233	− 2	...	...
...	16·154	+44·950	− 5	...	...
...	−15·861	− 0·664	0·90	...	...
...	15·774	−26·818	− 3	...	...
...	15·743	+20·084	0·65	...	...
...	14·750	− 9·072	− 5	...	...
*	14·676	−53·210	1·40	46.7833	9·8
231					
...	−14·648	−14·839	− 4	...	...
...	14·635	+ 6·912	− 1	...	...
...	14·356	+45·589	− 5	...	...
...	14·326	+ 4·058	− 5	...	...
*	14·220	− 3·536	1·00	...	...
...	−14·158	+ 3·728	− 5	...	...
...	13·821	− 0·445	− 5	...	...
...	13·675	−57·208	− 5	...	...
S *	13·630	+11·323	3·55	45.7785	7·5
*	13·507	+51·134	1·10	45.7786	10·0
241					
...	−13·297	−54·527	− 5	...	...
*	13·273	−23·901	1·60	46.7834	9·7
...	13·236	−46·512	0·80	...	...
...	13·105	−41·765	0·70	...	...
*	13·074	−27·454	1·50	46.7835	9·4
...	−13·046	+27·001	− 5	...	...
...	12·920	+43·461	− 5	...	...
†	12·915	− 5·070	− 1	...	...
...	12·699	+ 7·578	− 5	...	...
...	12·564	+ 4·813	− 5	...	...
251					
...	−12·367	−41·742	− 5	...	...
...	11·872	−34·610	− 4	...	...
*	11·849	+16·882	1·60	45.7787	9·5
...	11·830	+ 4·093	0·75	...	...
...	11·774	+41·415	0·95	...	...
...	−11·344	−28·049	− 5	...	...
...	11·226	−59·496	− 5	...	...
...	11·053	−56·894	0·80	...	...
...	11·020	+29·243	− 5	...	...
*	10·631	+25·806	1·60	45.7788	9·4
261					
*	−10·570	− 2·555	1·00	...	...
...	10·560	+57·307	− 2	...	...
...	10·471	−21·254	− 4	...	...
...	10·179	−22·719	− 2	...	...
...	9·768	−47·856	− 4	...	...
...	− 9·765	+57·635	− 4	...	...
...	9·515	−36·283	− 3	...	...
†	9·443	+39·888	− 2	...	...
...	9·341	−52·205	− 4	...	...
...	9·206	+40·444	− 3	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
271–330					
271	′	′		°	
...	− 8·855	+49·912	0·80	...	...
...	8·808	+38·303	− 3	...	...
*	8·769	−53·237	1·00	...	...
...	8·762	+41·799	− 4	...	...
...	8·635	+53·957	− 4	...	...
...	− 8·431	−20·629	− 5	...	...
...	8·148	− 7·885	− 3	...	...
...	8·141	+ 9·235	− 5	...	...
*	7·970	+41·033	1·60	45.7789	9·8
...	7·960	− 8·559	− 5	*m*	...
281					
...	− 7·565	+47·737	− 4	...	...
...	7·502	−17·320	0·65	...	...
...	6·848	−20·292	− 5	*m*	...
...	6·829	−53·408	− 5	*m*	...
...	6·738	−25·735	− 4	...	...
*	− 6·459	−21·762	1·40	46.7836	10·0
*	6·337	−24·137	1·10	...	...
...	6·297	−45·536	− 2	...	...
...	6·234	−36·972	0·70	...	...
...	6·138	−49·422	− 4	...	...
291					
*	− 6·059	−30·756	1·10	...	...
...	5·573	− 2·106	0·95	...	...
...	5·548	+28·524	− 4	...	...
...	5·410	−33·181	− 4	*m*	...
...	5·136	+47·716	− 4	...	...
*	− 4·774	+13·299	1·70	45.7790	9·5
*	4·770	−50·719	1·10	...	...
...	4·626	−50·360	0·70	...	...
*	4·526	+35·396	1·15	45.7791	10·0
*	4·165	− 6·395	3·10	46.7837	7·9
301					
...	− 4·105	+28·109	0·70	...	...
...	3·676	− 3·780	− 5	*m*	...
*	3·633	+20·816	1·60	45.7792	9·8
...	3·572	+29·228	0·75	...	...
...	3·507	−43·542	− 5	*m*	...
...	− 3·449	+ 3·263	− 3	...	...
*	3·443	−58·713	1·05	...	...
S *	3·156	−48·183	2·50	46.7838	8·8
...	3·125	−23·931	− 5	*m*	...
...	3·071	−36·923	0·65	...	...
311					
...	− 2·888	+35·017	− 1	...	...
...	2·850	+ 9·582	− 1	...	...
*	2·830	+32·206	1·00	...	...
...	2·742	−24·199	− 3	...	...
*	2·592	−58·746	1·20	46.7839	10·0
*	− 2·514	−57·855	1·20	46.7840	10·0
*	2·429	−55·653	1·05	...	...
...	2·398	+47·862	− 4	...	...
...	2·330	+30·409	− 4	...	...
...	2·045	−51·283	0·75	...	...
321					
...	− 2·018	−49·254	− 5	M *m*	...
...	1·994	−29·501	− 4	...	...
*	1·640	−58·069	1·30	46.7841	9·7
...	1·590	−55·888	− 1	...	...
...	1·543	+54·852	− 3	...	...
...	− 1·538	+27·382	0·70	...	...
...	1·501	+47·705	− 5	...	...
*	1·499	+ 6·102	1·15	45.7793	10·0
...	1·494	−52·468	0·70	...	...
*	1·316	−21·106	1·10	46.7842	10·0

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
331–390					
331	′	′		°	
...	− 1·274	− 8·824	− 1	...	...
...	1·256	−20·272	− 4	*m*	...
†	1·229	+54·725	− 1	...	...
...	0·795	+24·007	− 1	...	...
...	0·460	+52·406	− 5	...	...
†	− 0·344	+47·078	− 4	...	...
*	− 0·025	+ 4·415	1·40	45.7794	9·8
...	+ 0·003	−20·800	− 5	...	...
*	0·149	+26·095	1·15	45.7795	9·8
...	0·216	+37·242	− 3	...	...
341					
...	+ 0·676	− 6·279	− 2	...	...
...	0·986	−12·069	− 4	*m*	...
...	1·006	+11·007	− 4	...	...
*	1·352	+45·393	2·10	45.7796	8·8
*	1·446	+55·482	2·60	45.7797	8·2
...	+ 1·609	−19·550	1·00	46.7843	10·0
...	1·979	+17·088	0·85	...	...
*	2·008	+52·099	1·80	45.7798	9·4
...	2·954	+35·322	0·85	...	...
...	3·200	−22·865	− 5	*m*	...
351					
*	+ 3·384	+38·809	1·80	45.7799	9·3
...	3·429	+54·183	− 5	...	...
...	3·431	−29·058	− 4	...	...
...	3·764	+38·615	0·65	...	...
...	4·365	−33·937	− 1	...	...
...	+ 4·443	−15·197	− 5	...	...
...	5·458	+43·533	− 5	...	...
...	5·562	+44·656	− 5	...	...
...	5·606	−25·107	− 4	...	...
S *	5·884	−15·268	4·20	46.7844	7·2
361					
...	+ 6·084	−30·263	− 5	...	...
...	6·287	− 7·839	− 4	...	...
...	6·618	+30·212	− 3	...	...
...	7·546	+29·205	− 5	...	...
...	7·786	−42·161	− 3	...	...
*	+ 7·919	+13·414	1·05	...	...
*	8·131	− 3·742	1·30	45.7800	10·0
...	8·196	+11·268	− 3	...	...
...	8·200	−25·328	− 5	*m*	...
*	8·360	+27·847	1·00	...	...
371					
...	+ 8·373	+11·242	0·80	...	...
...	8·527	+57·372	− 3	...	...
...	8·781	+51·550	0·80	...	...
*	9·089	+ 4·548	1·10	...	...
*	9·159	−52·212	1·00	...	...
...	+ 9·212	+ 3·178	− 5	...	...
...	9·913	−43·730	0·90	...	...
*	10·418	− 0·465	1·25	45.7801	9·8
...	10·484	−32·015	0·95	46.7845	10·0
...	10·572	−33·151	0·80	...	...
381					
...	+10·918	−51·099	− 5	...	...
...	11·105	−35·625	− 5	*m*	...
...	11·730	−22·880	0·90	46.7846	10·0
...	11·900	+59·585	− 5	...	...
*	12·090	−24·068	1·10	46.7847	10·0
...	+12·344	−41·312	0·90	...	...
...	12·449	−41·354	− 1	...	...
S *	12·464	+54·196	3·00	45.7802	7·8
...	12·512	−39·002	− 1	...	...
*	12·707	−39·751	1·10	46.7848	10·0

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
391–450					
391	′	′		°	
†	+12·767	− 5·120	0·65	...	...
...	13·093	+11·271	− 5	...	...
...	13·134	+ 8·627	− 5	...	...
...	13·405	+29·893	− 1	...	...
*	14·016	−31·430	1·40	46.7849	9·6
...	+14·031	+55·259	− 5	...	...
*	14·500	+17·831	1·15	45.7803	10·0
...	14·532	−14·277	− 5	*m*	...
‡	14·708	+16·347	1·20	45.7804	9·8
...	14·751	−29·409	− 5	...	...
401					
...	+14·898	+53·566	− 3	...	...
*	15·403	−48·570	1·00	...	...
...	15·708	+45·671	− 5	...	...
*	15·797	−56·967	1·30	46.7850	9·8
...	16·343	−51·578	0·85	...	...
*	+16·556	+41·531	1·70	45.7805	9·5
...	17·010	+56·498	− 4	...	...
...	17·158	−37·718	− 3	...	...
...	17·281	−40·307	− 5	*m*	...
...	17·282	−32·097	− 5	...	...
411					
...	+17·741	+44·662	0·80	...	...
...	17·755	+48·717	− 1	...	...
...	17·778	− 1·248	0·90	...	...
...	17·969	+33·913	− 5	...	...
...	17·977	+14·165	− 5	...	...
...	+17·983	−45·630	− 5	*m*	...
...	18·160	+29·767	− 4	...	...
...	18·724	+31·200	0·70	...	...
...	18·891	+57·357	0·80	...	...
...	18·905	+54·431	− 1	...	...
421					
...	+19·055	+55·763	− 5	...	...
...	19·216	+51·639	− 5	...	...
...	19·282	+45·879	0·65	...	...
...	19·791	+31·962	− 5	...	...
...	19·895	−34·716	− 5	...	...
...	+20·042	−38·671	0·65	...	...
...	20·376	+55·632	− 4	...	...
...	20·408	+32·121	− 5	...	...
...	20·512	+34·004	− 5	...	...
...	20·594	+17·935	− 5	...	...
431					
...	+20·704	−26·305	− 5	*m*	...
...	20·769	−45·427	0·90	...	...
...	20·776	+25·801	0·90	45.7806	10·0
...	20·811	+33·085	− 3	...	...
...	20·960	−33·987	− 4	...	...
*	+20·988	+46·073	2·60	45.7807	8·6
...	21·261	−36·569	− 5	*m*	...
...	21·268	−59·196	0·70	...	...
...	21·329	−54·083	− 4	...	...
*	21·394	−24·704	1·60	46.7851	9·4
441					
...	+21·963	−31·666	− 4	...	...
...	22·098	+29·412	− 3	...	...
*	22·099	− 3·727	1·40	45.7808	9·4
*	22·181	− 3·816	1·20		
...	22·199	+ 3·234	− 5	...	...
...	+22·797	+41·501	− 4	...	...
*	23·020	+29·069	1·50	45.7809	9·5
...	23·148	−27·398	− 5	*m*	...
...	23·210	−55·944	− 4	...	...
*	23·254	+20·028	1·00	...	...
451–510					
451	′	′		°	
...	+23·450	+24·516	− 4	...	...
...	23·528	−29·180	− 5	...	...
...	23·666	+32·429	0·75	...	...
...	23·755	+ 3·200	0·65	...	...
...	23·796	−58·313	− 5	*m*	...
...	+23·947	+19·335	− 2	...	...
*	24·537	+23·650	1·05	45.7810	10·0
...	25·013	−59·802	− 4	*m*	...
...	25·569	−24·444	− 4	*m*	...
...	25·690	−47·697	− 5	*m*	...
461					
...	+25·773	+53·088	− 5	...	...
...	25·958	+22·646	− 4	...	...
...	26·067	+32·853	− 5	...	...
...	26·130	−15·358	− 5	...	...
...	26·143	+59·294	− 4	...	...
‡	+26·150	+39·774	1·00	...	...
...	26·220	−30·524	− 3	...	...
...	26·287	−46·934	− 5	*m*	...
...	26·433	−16·188	− 5	*m*	...
...	26·521	+15·321	− 4	...	...
471					
...	+27·455	−32·396	− 5	*m*	...
*	27·783	−39·647	2·05	46.7852	9·0
...	27·829	− 8·125	− 3	...	...
...	27·932	+26·794	− 1	...	...
†	28·001	+ 9·848	− 3	...	...
*	+28·111	−33·619	1·05	...	...
...	28·246	+ 5·092	− 4	...	...
...	28·418	+31·177	− 3	...	...
...	28·451	−25·302	− 3	...	...
...	28·698	+ 3·220	− 1	...	...
481					
...	+28·817	− 7·722	− 3	...	...
...	28·833	+56·313	− 3	...	...
...	28·998	+24·251	− 1	...	...
...	29·023	−56·516	− 3	*a*	...
*	29·196	+17·629	0·90	...	...
...	+29·210	+47·582	− 5	...	...
...	29·287	−50·550	− 5	*m*	...
...	29·408	− 9·301	− 5	*m*	...
...	29·440	−46·177	− 3	...	...
...	29·474	+15·759	− 5	...	...
491					
...	+29·501	+34·435	− 4	...	...
...	29·536	−57·833	− 1	...	...
*	30·100	−18·887	1·05	46.7853	10·0
...	30·596	+35·233	− 1	...	...
...	30·651	+21·577	− 5	...	...
...	+30·919	+14·652	− 3	...	...
*	31·273	− 6·022	1·20	46.7854	10·0
S *	31·561	−15·681	2·50	46.7855	8·5
...	31·745	+40·450	− 4	...	...
S *	31·902	+ 9·682	1·50	45.7811	9·5
501					
...	+31·953	−48·367	− 5	*m*	...
...	31·958	+10·578	− 3	...	...
*	32·183	+55·607	1·80	45.7812	9·4
...	32·878	−27·686	0·65	...	...
*	33·045	−56·876	1·10	...	...
...	+33·574	+35·256	− 2	...	...
...	33·663	+ 9·548	− 5	...	...
...	33·766	+15·441	− 5	...	...
...	33·838	+43·695	− 5	...	...
...	33·949	+50·317	0·90	...	...
511–570					
511	′	′		°	
...	+34·302	+11·642	− 3	...	...
*	34·321	+42·869	1·50	45.7813	9·7
*	34·362	+ 8·447	1·15	45.7814	9·8
...	34·445	+50·105	0·90	...	...
...	34·522	− 9·846	− 4	...	...
...	+34·774	+56·374	− 3	...	...
*	34·866	−53·971	2·10	46.7856	9·2
...	34·935	−46·322	− 1	...	...
...	35·007	+48·119	0·75	...	...
*	35·287	−43·256	2·00	46.7857	9·4
521					
...	+36·004	−52·110	− 5	...	...
...	36·038	+49·530	− 1	...	...
...	36·188	−19·342	− 3	...	...
...	36·736	−26·187	− 5	*m*	...
...	37·009	+30·443	− 2	...	...
...	+37·179	+ 7·293	− 4	...	...
...	37·239	−28·233	0·70	...	...
...	37·329	−26·133	− 1	...	...
...	37·387	+ 1·861	− 5	...	...
...	37·478	+ 8·773	− 4	...	...
531					
...	+37·593	−34·381	− 5	...	...
...	37·607	−53·623	− 5	...	...
...	37·839	+56·609	− 5	...	...
*	37·883	+14·691	1·70	45.7815	9·6
...	37·909	+52·841	− 3	...	...
...	+38·052	−31·097	− 5	*m*	...
*	38·915	+53·146	1·90	45.7816	9·3
*	39·960	+50·623	1·15	...	...
...	40·192	+ 4·419	− 1	...	...
...	40·328	+13·540	− 1	...	...
541					
...	+40·423	+ 9·975	− 3	...	...
...	40·887	−58·452	0·75	...	...
...	41·217	−30·309	− 5	*m*	...
*	41·486	+50·066	1·05	...	...
S *	41·817	−54·002	1·95	46.7859	9·0
*	+42·715	−36·882	1·90	46.7860	9·4
...	43·137	−42·195	− 1	...	...
...	43·176	−10·950	− 3	...	...
...	43·806	+45·472	0·85	...	...
...	43·935	− 0·530	0·65	*α*	...
551					
...	+43·948	−17·628	0·75	...	...
*	44·363	+41·782	1·40	45.7817	9·8
*	44·726	+17·129	1·25	45.7819	10·0
‡	44·767	+55·521	4·10	45.7818	7·4
...	44·935	−58·780	− 1	...	...
...	+45·209	+22·214	− 3	...	...
...	45·272	−41·146	0·90	...	...
*	45·300	+19·460	1·10	...	...
...	45·761	−22·704	0·90	...	...
...	45·885	−17·157	− 4	*e*	...
561					
...	+45·978	− 9·409	− 5	...	...
...	46·110	+34·413	0·80	...	...
*	46·285	+13·398	1·20	45.7820	9·8
...	46·344	+36·731	− 5	...	...
*	46·697	−50·463	2·00	46.7861	9·0
*	+46·935	−23·249	1·00	...	...
*	46·970	−43·180	1·20	46.7862	9·8
...	47·323	− 4·054	0·80	...	...
...	47·718	+57·100	− 3	...	...
*	47·800	−32·429	1·10	46.7863	10·0

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
571–590					
571					
...	+47′·804	−12′·547	0·95	...	...
...	47·964	+35·207	0·80	...	...
...	47·964	+32·565	− 4	...	...
*	48·299	−29·545	1·25	46.7864	9·7
...	48·328	−33·729	− 5	...	...
...	+48·357	+ 4·571	− 5	...	...
...	48·752	−41·934	− 3	...	...
...	49·958	+14·000	− 5	...	...
...	50·230	+12·400	0·90	...	...
*	50·396	−55·141	1·35	46.7865	10·0
581					
...	+50·424	− 0·913	− 3	e	...
*	50·832	+13·228	1·05	...	...
...	51·197	+36·436	− 4	...	...
...	51·707	−31·791	− 5	e	...
...	52·982	+16·956	0·80	...	...
...	+53·000	+56·120	− 1	...	...
*	53·158	+51·691	1·15	...	...
...	53·255	+29·974	0·75	...	...
...	54·002	+50·980	− 1	...	...
*	54·238	+37·560	1·35	45.7821	10·0
591–604					
591					
†	+54′·515	− 8′·367	− 4	...	...
‡	54·634	−40·207	1·20	46.7866	9·8
...	55·132	+58·058	− 5	...	...
...	55·235	+41·147	0·75	...	...
...	56·377	+31·893	− 5	...	...
...	+56·488	+24·038	0·95	...	...
...	56·553	+14·348	− 5	...	...
...	57·767	−51·602	0·80	...	...
*	58·058	+15·233	1·30	45.7822	9·8
...	58·295	−28·242	0·65	...	...
601					
...	+58·319	+45·570	− 5	...	...
...	58·673	−45·815	− 4	...	...
...	59·009	−13·055	− 5	e	...
S *	59·121	+13·259	1·70	45.7823	9·4

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	...	No.	Mag.

1–30					
1					
*	−60′·039	+16′·898	1·05	45.7819	10·0
...	59·772	−42·467	− 3	...	...
...	59·740	−17·877	0·65	...	...
...	59·721	+21·990	− 3	...	...
...	59·534	+19·236	0·90	...	...
...	−59·197	+34·213	0·75	...	...
...	59·037	+36·525	− 3	...	...
*	58·358	+13·210	1·15	45.7820	9·8
...	58·290	+56·927	− 1	...	...
...	58·191	− 2·053	− 5	M	...
11					
...	−57·953	− 9·598	− 3	...	...
...	57·790	−17·360	− 3	E	...
...	57·753	−22·903	0·85	...	...
...	57·660	−41·354	0·80	...	...
...	57·453	−58·991	− 5	...	...
†	−57·351	+35·058	0·75	...	...
...	57·274	+32·415	− 3	...	...
...	56·772	− 4·194	0·75	...	...
...	56·562	−23·407	0·90	...	...
...	56·022	−12·681	0·85	...	...
21					
...	−56·017	+ 4·457	− 5	...	...
...	56·002	+24·841	− 5	...	...
*	55·951	−50·619	2·30	46.7861	9·0
*	55·887	−43·328	1·15	46.7862	9·8
*	55·400	−32·559	1·00	46.7863	10·0
...	−55·064	−50·593	− 5	M	...
*	55·001	−29·640	1·25	46.7864	9·7
...	54·847	−33·828	− 5	...	...
...	54·706	+13·928	− 5	...	...
...	54·389	+12·335	0·90	...	...

31–60					
31					
...	−54′·172	+36′·391	− 4	...	...
...	54·166	−42·020	− 1	...	...
...	53·811	+13·179	0·90	...	...
...	53·766	− 0·976	− 3	E	...
...	53·450	−31·148	− 4	...	...
...	−52·981	+56·130	− 3	...	...
*	52·684	+51·693	1·10	...	...
...	52·198	+46·890	− 5	...	...
*	52·105	−55·189	1·35	46.7865	10·0
...	51·897	+29·993	0·70	...	...
41					
...	−51·826	+51·008	− 1	...	...
...	51·780	+16·977	0·75	...	...
...	51·611	− 4·743	− 5	M	...
...	51·536	−31·790	− 5	E	...
*	51·164	+37·607	1·30	45.7821	10·0
...	−50·904	+58·123	− 5	...	...
†	50·271	+41·212	− 1	...	...
...	49·451	− 8·281	− 3	...	...
...	48·844	+32·011	− 4	...	...
...	48·562	+ 7·832	− 5	...	...
51					
...	−48·492	+24·161	0·85	...	...
*	48·319	−40·116	1·20	46.7866	9·8
...	48·285	+54·126	− 5	...	...
...	48·265	−21·584	− 5	M	...
...	48·136	+14·479	− 5	...	...
...	−47·349	+45·738	− 3	...	...
*	46·642	+15·414	1·05	45.7822	9·8
S *	45·523	+13·479	1·10	45.7823	9·4
...	45·482	+37·580	− 5	...	...
...	45·440	+27·346	− 1	...	...

61–90					
61					
...	−45′·048	−28′·037	0·75	...	...
...	44·837	−51·394	− 1	...	...
...	44·829	−12·845	− 3	E	...
...	44·784	+37·308	− 3	...	...
...	44·539	+42·322	− 5	...	...
...	−44·440	+38·330	− 3	...	...
...	44·117	−45·595	− 3	...	...
...	43·622	+41·419	− 5	...	...
...	43·615	+24·523	− 1	...	...
*	43·604	−33·429	1·00	46.7867	9·8
71					
...	−42·660	+41·297	− 5	...	...
*	41·760	+47·534	1·10	45.7825	9·8
...	41·667	+52·290	− 1	...	...
*	41·404	+26·601	2·00	45.7824	8·6
*	41·179	+54·103	1·10	...	...
*	−41·025	−38·751	1·05	46.7868	9·7
...	40·969	+48·851	− 1	...	...
S *	40·931	−32·347	1·15	46.7869	9·4
...	40·826	−58·873	− 5	M	...
...	40·478	−15·181	− 2	...	...
81					
...	−39·692	−44·165	− 2	...	...
...	39·425	−59·194	− 3	...	...
...	38·976	+36·167	− 5	...	...
...	38·093	−25·000	− 2	...	...
...	37·976	+30·590	− 5	...	...
...	−37·776	−25·317	− 2	...	...
...	37·697	+42·354	− 4	...	...
*	37·513	+26·213	2·00	45.7826	8·6
...	36·849	−25·134	0·70	...	...
...	36·586	−45·065	− 3	...	...

ES measured from 1, 108, 267, 576.
MJ ,, ,, 61, 181, 377, 755.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
91–150					
91				°	
*	−36′429	−42′484	1·10	46.7870	9·5
...	36·253	−41·352	− 5	M	...
...	35·929	+36·429	− 2	...	...
...	35·554	−10·137	− 4	M	...
...	35·525	−31·222	− 2	...	...
†	−34·517	−49·696	− 3	...	...
...	34·056	−37·783	0·65	...	...
...	33·541	+42·990	− 3	...	...
*	33·351	+53·037	1·50	45.7827	9·0
...	33·163	−50·895	− 1	...	...
101					
...	−33·000	+50·803	− 2	...	...
...	32·298	−53·752	− 3	...	...
*	31·721	+22·766	1·60	45.7828	9·4
...	31·622	−21·627	− 4	M	...
...	31·229	−43·312	− 5	M	...
*	−30·678	+38·862	0·85	...	...
...	30·392	−10·699	− 4	M	...
...	29·981	+56·931	− 5	...	...
...	29·928	+48·760	− 5	...	...
...	29·638	− 4·868	− 5	M	...
111					
...	−29·632	+33·961	− 5	...	...
...	29·561	+11·079	− 3	...	...
...	29·420	−16·853	− 4	M	...
...	29·398	+25·712	− 5	...	...
...	29·365	−20·588	− 2	...	...
...	−29·180	+12·093	− 5	...	...
...	28·976	−33·082	− 5	M	...
...	28·641	+18·816	− 3	...	...
...	27·944	−15·435	− 4	M	...
...	26·779	+38·737	0·75	...	...
121					
...	−26·642	−47·672	− 5	M	...
...	26·621	+36·407	− 5	...	...
...	26·449	+12·058	− 5	...	...
...	26·296	+ 7·687	− 4	...	...
...	26·248	−27·039	− 4	M	...
...	−25·779	+57·690	− 3	...	...
*	24·984	+30·005	1·05	45.7829	9·6
...	24·735	+49·034	− 1	...	...
†	24·467	+25·116	− 5	...	...
†	24·450	−49·633	− 5	M	...
131					
...	−24·296	+36·448	− 5	...	...
...	24·233	+39·742	− 5	...	...
...	24·083	−45·354	0·75	...	...
...	23·808	+47·031	0·70	...	...
...	23·770	+17·772	− 5	...	...
...	−23·764	+24·335	− 5	...	...
...	23·740	−30·908	− 4	M	...
...	23·654	+49·807	0·80	...	...
...	23·507	−46·737	0·90	...	...
...	23·429	+29·701	− 5	...	...
141					
...	−23·301	+12·118	− 5	...	...
S *	23·262	+15·713	2·80	45.7830	8·0
...	23·152	+48·151	0·80	...	...
...	23·120	−46·926	− 5	M	...
...	22·593	+43·643	− 5	...	...
...	−22·517	−58·358	0·70	...	...
...	22·439	−46·177	− 3	...	...
...	22·360	− 2·060	− 5	M	...
...	21·606	+17·485	− 3	...	...
...	21·430	+23·274	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
151–210					
151				°	
...	−21′205	+26′632	− 4	...	...
†	20·939	+25·145	− 5	...	...
...	20·872	+36·167	0·85	...	...
*	20·607	+51·941	1·00	45.7831	10·0
...	19·505	+ 7·754	− 5	...	...
...	−19·463	−43·332	0·85	...	...
...	19·037	+51·392	− 5	...	...
...	19·016	+54·379	− 3	...	...
...	18·942	+41·075	0·80	...	...
...	18·545	−27·700	− 5	M	...
161					
...	−18·542	+ 1·286	− 5	...	...
...	18·399	+11·393	− 4	...	...
*	18·215	+11·434	0·95	45.7832	10·0
...	17·908	−44·259	− 1	...	...
...	17·790	−27·981	− 5	M	...
...	−17·088	−27·434	− 5	M	...
...	16·931	+36·755	0·75	...	...
...	16·910	−51·280	0·90	...	...
...	16·827	+54·024	− 5	...	...
...	16·638	−34·797	− 5	M	...
171					
...	−16·381	+56·840	− 5	...	...
...	16·342	+29·346	− 4	...	...
...	16·173	−32·569	− 5	M	...
...	16·164	+22·708	− 3	...	...
...	16·139	+10·805	0·90	45.7833	10·0
...	−16·086	+17·549	− 5	...	...
...	16·026	+35·748	− 3	...	...
...	15·957	+50·394	− 5	...	...
...	15·557	+21·672	− 3	...	...
...	15·474	+59·417	0·65	...	...
181					
...	−15·139	+46·978	− 4	...	...
...	15·071	− 0·419	0·65	...	...
...	14·986	+ 1·630	− 5	...	...
‡	14·869	+20·116	1·15	45.7834	10·0
...	14·827	+ 9·046	− 1	...	...
...	−14·807	+12·806	− 2	...	...
...	14·556	+24·598	− 5	...	...
...	14·453	−31·958	− 4	M	...
...	14·227	+35·989	− 1	...	...
...	14·122	+29·089	− 5	...	...
191					
*	−14·095	+40·628	0·95	45.7835	10·0
*	14·091	+ 2·002	0·90	...	...
...	13·737	−13·698	− 2	A	...
...	13·718	− 3·914	− 5	M	...
...	13·715	+28·680	− 5	...	...
*	−13·674	+32·305	1·00	...	...
...	13·353	+30·878	− 4	...	...
...	12·661	+46·908	− 5	...	...
...	12·602	+39·756	− 5	...	...
...	12·598	+20·229	− 2	...	...
201					
...	−12·541	+44·856	0·80	...	...
...	12·263	−56·889	− 5	M	...
...	12·148	+22·602	− 4	...	...
...	12·068	−38·604	− 5	M	...
...	12·056	+39·195	− 5	...	...
...	−11·897	+ 2·744	− 2	...	...
...	11·768	+51·539	− 5	...	...
...	11·632	+33·489	− 4	...	...
...	11·609	+38·328	− 5	...	...
...	11·607	−50·658	− 3	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
211–270					
211				°	
...	−11′600	+10′966	− 4	...	...
...	11·152	+ 5·622	− 5	...	...
...	11·147	+32·514	− 5	...	...
...	11·079	+29·902	− 4	...	...
...	10·937	+38·657	− 4	...	...
...	−10·872	+38·453	− 5	...	...
...	10·612	+43·756	0·65	...	...
...	10·561	+30·275	− 4	...	...
...	9·757	−31·584	− 5	M	...
...	9·705	+26·614	− 2	...	...
221					
*	− 9·683	+35·445	1·10	45.7836	9·7
...	9·628	−31·941	− 5	M	...
...	9·612	+50·347	− 5	M	...
...	9·292	− 2·606	− 5	M	...
...	9·140	−48·842	− 1	...	...
...	− 9·092	−33·445	− 2	B	...
...	8·997	−36·017	− 5	M	...
S *	8·939	+51·784	2·10	45.7837	8·2
...	8·850	−38·542	− 5	M	...
...	8·635	+52·981	− 5	...	...
231					
...	− 8·439	+26·038	− 5	...	...
...	8·220	+26·304	− 5	...	...
...	7·874	+13·030	− 5	...	...
*	7·624	−43·266	1·20	46.7872	9·5
...	7·478	−14·191	− 5	M *m*	...
...	− 7·033	+33·122	− 2	...	...
...	6·557	+32·173	− 5	*m*	...
...	6·527	+33·047	− 2	...	...
...	6·291	+36·587	− 5	*m*	...
...	5·868	+16·476	− 2	*m*	...
241					
*	− 5·781	+42·391	1·70	45.7838	9·0
...	5·696	+40·651	− 4	*m*	...
...	5·622	+36·732	− 5	*m*	...
...	5·586	+51·936	− 4	*m*	...
...	5·564	+52·908	− 5	*m*	...
...	− 4·825	+ 6·969	− 5	M *m*	...
...	4·769	−31·303	− 4	M	...
...	4·615	+35·578	− 2	*m*	...
...	4·520	+17·929	− 3	*m*	...
...	3·527	−30·707	− 1	...	...
251					
...	− 3·492	+ 2·630	− 5	M *m*	...
...	3·418	+29·309	0·70	...	...
...	2·890	+16·606	− 4	*m*	...
...	2·830	+16·547	− 5	M *m*	...
...	2·361	+25·813	− 5	*m*	...
...	− 2·192	+33·568	− 4	*m*	...
...	2·066	− 6·676	− 5	M *m*	...
...	2·023	+ 8·184	− 4	*m*	...
...	1·687	+38·622	− 2	*m*	...
...	1·385	+54·012	− 4	*m*	...
261					
*	− 1·373	+52·693	1·50	45.7839	9·2
...	1·337	+ 5·441	− 4	*m*	...
...	1·030	+30·948	− 5	*m*	...
...	0·952	−25·360	− 2	...	...
...	0·927	−38·621	− 2	...	...
...	− 0·615	+ 5·324	− 5	*m*	...
†	0·356	+53·816	− 1	...	...
...	0·278	−45·177	− 4	M	...
...	− 0·081	− 9·933	− 5	M	...
...	+ 0·385	− 1·298	− 3	M	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
271–330					
271					
…	+ 0·452	+43·635	− 4	…	…
…	0·583	+13·974	− 5	*m*	…
…	0·883	−49·395	− 4	…	…
…	1·876	−53·778	− 3	…	…
…	2·203	−24·509	− 4	M	…
…	+ 2·279	−40·238	− 5	M	…
…	2·293	−51·035	− 3	…	…
…	2·556	+29·209	− 4	*m*	…
…	2·887	− 5·551	− 5	M *m*	…
…	3·187	+ 2·561	− 5	M *m*	…
281					
…	+ 3·326	+40·993	− 5	*m*	…
…	3·408	−37·702	− 5	M	…
n *	3·578	−31·993	1·10	46.7874	9·0
…	3·649	−46·040	− 5	M	…
n *	3·816	−32·073	1·00	46.7874	9·0
…	+ 3·891	−41·257	− 3	M	…
…	3·955	−18·350	− 5	M	…
…	4·000	−19·365	0·65	…	…
…	4·066	−12·286	− 5	M	…
…	4·201	−29·675	− 4	…	…
291					
†	+ 4·653	+46·125	− 4	*m*	…
*	4·874	+27·897	0·90	45.7840	10·0
…	4·988	+44·770	− 5	*m*	…
…	5·229	−16·053	− 3	M	…
…	5·515	+ 3·208	− 5	*m*	…
…	+ 5·672	+ 4·088	− 5	B *m*	…
…	5·718	+51·425	− 4	*m*	…
…	5·821	−25·246	− 4	…	…
…	5·892	+47·097	− 5	*m*	…
*	5·903	+48·034	1·80	45.7841	9·0
301					
…	+ 5·968	+59·792	− 1	…	…
†	5·983	+59·999	− 3	*m*	…
…	6·325	− 1·640	− 4	M	…
…	6·369	+ 4·225	− 1	…	…
…	6·533	+31·971	− 5	M *m*	…
…	+ 6·567	+34·125	− 5	*m*	…
…	6·799	−42·490	− 3	…	…
*	6·864	+32·018	1·05	45.7842	9·7
…	6·993	+21·411	− 3	…	…
…	6·994	−39·025	− 4	M	…
311					
…	+ 7·034	+30·163	− 4	…	…
…	7·226	− 6·529	− 2	…	…
…	7·378	−57·358	− 4	…	…
†	7·734	+20·146	0·65	…	…
*	7·780	−23·303	1·05	46.7875	9·8
…	+ 7·862	+54·570	− 1	…	…
…	7·907	−18·121	− 4	…	…
…	7·944	−21·653	− 4	…	…
…	8·478	−30·984	− 4	…	…
*	8·527	+26·626	1·30	45.7843	9·4
321					
…	+ 8·700	+56·385	− 5	*m*	…
…	8·712	− 1·418	− 5	…	…
…	8·902	+20·866	− 3	*b*	…
…	8·995	+51·473	− 4	*m*	…
…	9·000	+15·489	0·75	…	…
…	+ 9·029	−14·230	− 3	…	…
*	9·178	−59·012	1·05	46.7876	10·0
…	9·230	+22·294	− 2	…	…
N	9·783	−14·591	− 5	…	…
…	9·863	+11·818	− 3	*a*	…
331–390					
331					
…	+ 9·882	−28·959	− 4	…	…
…	9·950	+40·531	− 5	*m*	…
…	10·178	+27·496	− 5	*m*	…
*	10·199	−20·463	0·85	46.7877	10·0
…	10·396	−33·387	− 4	…	…
…	+10·503	− 4·094	− 5	…	…
…	10·673	+21·036	− 5	*m*	…
…	10·866	+37·646	0·65	…	…
…	11·021	+48·051	− 5	*m*	…
…	11·099	−53·165	− 3	…	…
341					
…	+11·171	−31·941	− 4	…	…
*	11·200	−12·167	2·20	46.7878	8·6
…	11·330	−17·936	− 5	…	…
…	11·380	−37·844	− 5	…	…
…	11·614	− 8·541	− 5	*m*	…
…	+11·674	+12·265	− 3	*a*	…
…	12·013	+16·344	0·65	…	…
…	12·086	+18·933	− 5	*m*	…
…	12·189	−56·208	− 5	…	…
…	12·215	−48·349	0·70	…	…
351					
*	+12·256	+15·692	1·25	45.7844	9·4
…	12·345	−22·326	− 2	…	…
…	12·533	+28·223	− 3	…	…
…	12·626	+12·703	− 4	*m*	…
…	12·640	−16·742	− 5	*m*	…
…	+12·685	− 6·435	− 5	*m*	…
…	12·696	−28·499	− 5	…	…
*	12·712	−32·025	1·20	46.7879	9·4
S *	12·795	+24·382	2·00	45.7845	8·6
…	12·900	− 9·688	− 5	…	…
361					
…	+13·222	+12·732	− 2	…	…
*	13·257	− 0·441	1·00	45.7846	10·0
*	13·338	−39·449	0·95	46.7880	10·0
…	13·419	+39·334	− 3	…	…
…	13·446	−34·135	− 5	…	…
…	+13·490	−47·311	− 5	…	…
…	13·495	+17·782	− 3	*a*	…
…	13·707	−36·032	− 4	…	…
…	13·889	−41·098	− 5	…	…
…	13·933	−13·476	− 5	*m*	…
371					
…	+13·943	−32·633	− 2	…	…
…	14·352	−29·546	− 4	…	…
…	14·382	+48·510	− 1	…	…
…	14·387	+43·903	0·90	45.7847	10·0
…	14·521	−14·031	− 5	…	…
†	+14·581	−58·880	− 1	…	…
†	14·601	+ 5·003	− 4	*m*	…
…	15·005	+44·839	− 5	*m*	…
…	15·063	+34·774	− 2	*a*	…
…	15·139	+ 9·016	− 4	*m*	…
381					
…	+15·253	−40·773	− 4	…	…
…	15·296	−27·556	− 5	…	…
…	15·340	+59·927	− 4	…	…
…	15·457	+14·760	− 4	*m*	…
…	15·530	−40·815	− 4	…	…
…	+15·548	+ 3·005	− 1	…	…
…	15·667	+12·143	− 2	*a*	…
…	15·713	+21·984	− 5	*m*	…
…	15·731	+32·918	− 5	*m*	…
*	15·739	−47·339	1·20	46.7881	9·4
391–450					
391					
…	+16·042	+28·411	− 4	*m*	…
…	16·114	−30·563	− 5	…	…
…	16·160	+14·456	− 5	*m*	…
…	16·326	+50·938	− 4	*m*	…
…	16·330	−32·030	− 4	…	…
…	+16·394	− 3·714	− 3	…	…
*	16·420	− 9·395	1·20	46.7882	9·4
…	16·477	+15·510	− 4	*m*	…
…	16·649	+36·179	− 2	*b*	…
…	16·851	−17·738	− 5	*m*	…
401					
…	+16·853	−34·430	− 5	*m*	…
…	17·013	−45·004	− 5	…	…
…	17·025	−43·761	− 3	…	…
…	17·326	+12·775	− 5	*m*	…
…	17·355	−18·082	− 5	…	…
…	+17·394	+22·657	− 4	*m*	…
…	17·420	+49·898	0·65	…	…
*	17·437	− 0·896	1·05	45.7848	10·0
*	17·515	−49·780	1·00	46.7883	10·0
*	17·687	+13·318	1·10	45.7850	9·7
411					
…	+17·760	+22·224	− 3	*b*	…
*	17·778	+56·200	1·05	45.7849	10·0
…	17·780	−40·761	− 5	…	…
…	17·915	+23·974	− 5	*m*	…
…	18·027	−21·890	− 2	…	…
…	+18·033	−31·354	− 5	…	…
…	18·151	+35·570	− 5	*m*	…
…	18·293	−38·356	− 2	…	…
…	18·384	−15·193	− 2	…	…
…	18·420	+ 1·991	0·65	…	…
421					
…	+18·507	−38·042	0·80	…	…
…	18·567	−16·915	− 3	…	…
…	18·688	+34·408	− 1	…	…
…	18·739	−12·735	− 4	…	…
*	18·780	−59·338	1·10	…	…
…	+18·916	+44·574	− 5	*m*	…
…	18·984	+23·549	− 2	*a*	…
…	19·156	−11·913	0·65	…	…
…	19·304	+36·639	− 4	*m*	…
*	19·375	−49·885	1·00	46.7884	10·0
431					
S ‡	+19·580	+51·822	1·20	45.7851	9·4
…	19·920	+ 8·128	− 5	*m*	…
…	19·986	+39·385	− 5	*m*	…
…	20·031	−56·082	0·80	…	…
…	20·102	−34·083	− 5	…	…
…	+20·128	−25·764	− 4	…	…
…	20·140	−45·052	− 3	…	…
…	20·161	−24·548	− 5	…	…
…	20·613	+21·475	0·80	45.7852	10·0
*	20·638	−24·149	1·90	46.7885	8·8
441					
…	+20·801	− 0·360	− 4	…	…
…	20·855	−38·969	− 4	…	…
…	20·948	+ 3·753	− 2	*a*	…
…	20·957	−40·341	− 5	…	…
*	21·059	+17·945	1·50	45.7853	9·3
…	+21·192	− 9·490	− 2	…	…
…	21·195	−45·955	0·75	…	…
…	21·459	+13·828	− 2	…	…
…	21·596	+ 1·759	− 3	*b*	…
…	21·669	−17·282	0·90	…	…

283, 285. C.P.D., mass.
329. Obscured by fault; 2nd image measured and corrected.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
451–510					
451					
...	+21·790	+ 9·645	− 4	*m*	...
...	21·838	−50·409	− 3	...	...
...	22·206	+47·178	− 2	*a*	...
*	22·230	−22·731	1·00	46.7886	10·0
...	22·309	−49·868	1·00	...	...
...	+22·347	−40·288	0·70	...	...
...	22·363	+52·121	− 5	*m*	...
...	22·374	−56·246	0·80	...	...
...	22·465	−23·105	− 5	...	...
*	22·545	−50·494	1·15	46.7887	9·7
461					
...	+22·708	+49·307	− 2	...	...
...	22·772	−31·319	0·70	46.7888	10·0
...	22·797	+51·932	0·80	...	...
*	22·800	+25·389	1·05	45.7854	9·8
...	22·817	+45·371	− 5	*m*	...
...	+22·824	+46·929	− 2	*a*	...
...	22·894	+44·097	− 5	*m*	...
...	22·970	−10·070	− 4	*m*	...
...	23·217	−46·355	− 5	...	...
...	23·305	+37·728	− 5	*m*	...
471					
...	+23·311	+ 6·938	− 5	*m*	...
...	23·327	+18·549	− 4	*m*	...
...	23·520	−13·724	− 4	...	...
...	23·529	−40·540	− 5	...	...
...	23·610	− 5·348	− 5	*m*	...
...	+23·813	−25·680	− 5	...	...
...	23·838	+40·974	− 1	...	...
...	23·858	+38·027	− 5	*m*	...
...	23·864	+52·806	− 4	...	...
...	24·112	+21·366	0·80	45.7855	10·0
481					
...	+24·127	+34·474	− 5	*m*	...
...	24·173	+ 2·958	− 3	*m*	...
...	24·209	−53·286	− 3	...	...
...	24·322	− 0·851	− 1	...	...
...	24·324	+44·192	0·80	...	...
...	+24·353	+31·054	− 5	*m*	...
...	24·500	+ 3·387	− 3	*m*	...
...	24·642	+39·176	− 4	*m*	...
...	24·762	+20·298	− 5	*m*	...
...	24·866	+21·081	− 3	*b*	...
491					
...	+24·873	+23·974	− 5	*m*	...
...	25·139	+14·306	− 2	...	...
*	25·203	−28·117	1·50	46.7889	9·0
*	25·335	+47·472	1·20	45.7856	9·5
...	25·469	−30·072	− 5	*m*	...
...	+25·672	+11·306	− 2	*a*	...
...	25·744	+ 5·872	− 1	...	...
...	25·751	+51·341	− 5	*m*	...
...	25·769	+46·413	− 5	*m*	...
...	25·813	−12·974	0·65	...	...
501					
...	+25·876	+ 0·313	− 5	*m*	...
...	25·890	−18·152	− 5	*m*	...
...	25·891	−44·107	− 5	...	...
*	25·899	−58·890	1·90	46.7890	9·2
...	25·950	−20·020	0·75	...	...
*	+26·001	−58·563	2·90	46.7891	7·9
*	26·050	−39·500	1·05	46.7892	9·8
...	26·054	−52·802	− 4	...	...
*	26·147	− 1·251	1·00	...	...
...	26·156	−38·293	− 5	*m*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
511–570					
511					
...	+26·190	+ 7·141	− 4	*m*	...
...	26·255	−47·786	− 5	...	...
...	26·320	+ 5·428	− 5	*m*	...
...	26·349	−34·607	− 5	*m*	...
...	26·370	−10·033	0·65	...	...
...	+26·409	+ 1·961	− 5	*m*	...
*	26·476	− 1·117	1·90	45.7857	8·8
...	26·483	−35·639	0·65	...	...
...	26·483	−41·577	− 4	*m*	...
...	26·575	+17·815	− 2	...	...
521					
...	+26·645	+23·195	− 3	*m*	...
...	26·669	−46·877	0·65	...	...
...	26·756	−43·164	0·80	...	...
...	26·861	−58·411	1·10	...	...
...	26·868	+ 4·100	0·65	...	...
...	+26·913	− 3·618	− 5	*m*	...
...	26·953	+13·039	− 2	*a*	...
...	27·001	+25·742	− 5	*m*	...
...	27·024	− 3·736	− 5	*m*	...
...	27·111	+25·992	− 5	*m*	...
531					
...	+27·235	+46·019	0·70	...	...
...	27·267	−14·452	− 4	...	...
*	27·316	−17·234	1·10	46.7893	9·6
*	27·336	+50·544	1·20	45.7858	9·8
...	27·371	−17·578	− 5	...	...
...	+27·376	−42·686	− 5	...	...
...	27·378	+32·174	− 2	...	...
...	27·435	−50·037	− 2	...	...
...	27·555	−43·663	− 5	*m*	...
...	27·614	+21·151	0·70	...	...
541					
...	+27·706	−56·342	− 5	...	...
...	27·712	+22·274	− 2	...	...
...	27·780	−32·999	− 5	*m*	...
...	27·787	−20·398	− 5	...	...
*	27·831	+ 2·071	1·15	45.7859	9·5
...	+27·849	+36·045	− 5	*m*	...
...	27·887	+15·422	− 5	*m*	...
...	27·891	−50·203	− 4	...	...
...	27·931	−22·010	− 5	...	...
†	28·021	+30·147	− 5	*m*	...
551					
...	+28·052	+ 4·897	− 3	*b*	...
...	28·104	−21·161	− 4	...	...
...	28·171	+18·516	− 4	*m*	...
...	28·182	−13·694	− 5	...	...
...	28·184	−32·799	− 5	...	...
...	+28·195	− 9·104	− 3	...	...
...	28·349	− 2·217	− 2	...	...
...	28·605	− 8·632	− 3	...	...
...	28·665	+57·377	− 3	*m*	...
...	28·732	−18·673	− 5	...	...
561					
...	+28·739	+17·289	− 5	*m*	...
...	28·764	+37·691	− 2	...	...
...	28·817	−42·850	− 5	...	...
...	28·920	+15·000	− 5	*m*	...
*	28·993	−32·228	1·10	46.7894	9·6
...	+29·076	−37·529	− 5	...	...
...	29·106	−52·042	0·90	...	...
...	29·133	−37·747	− 5	...	...
...	29·158	+44·932	− 5	*m*	...
*	29·263	+29·756	1·05	45.7860	9·8

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
571–630					
571					
...	+29·272	−53·470	− 5	...	...
...	29·298	+17·526	− 2	...	...
...	29·412	−16·885	− 5	*m*	...
†	29·472	−38·757	− 3	...	...
†	29·502	−28·710	− 3	...	...
...	+29·675	+20·373	− 5	*m*	...
*	29·710	−44·396	1·05	46.7896	9·6
...	29·710	+56·852	− 4	*m*	...
...	29·790	−20·218	0·80	46.7895	10·0
...	29·869	+55·821	− 1	...	...
581					
...	+29·946	−10·154	0·65	...	...
...	29·955	+32·234	− 5	*m*	...
...	29·989	−32·808	− 5	*m*	...
...	30·048	−53·517	− 5	...	...
...	30·110	+ 1·656	− 1	*b*	...
...	+30·194	+ 9·292	− 5	*m*	...
*	30·236	+50·733	1·05	45.7862	9·8
*	30·247	+49·046	1·20	45.7861	9·5
...	30·260	−20·810	− 4	...	...
...	30·525	+26·801	− 2	...	...
591					
...	+30·658	+21·410	− 4	*m*	...
...	30·673	+23·507	− 5	*m*	...
...	30·838	+23·093	− 5	*m*	...
...	30·851	−10·050	− 5	...	...
...	30·862	−18·913	− 5	...	...
...	+30·932	−41·541	− 5	...	...
*	30·938	−39·178	0·90	46.7898	10·0
†	31·097	− 4·832	− 5	...	...
...	31·114	− 8·890	− 2	...	...
S *	31·262	− 6·495	2·60	46.7899	7·8
601					
...	+31·382	−54·177	− 5	...	...
...	31·414	+34·629	− 3	*m*	...
...	31·444	+45·770	− 1	...	...
...	31·455	+12·842	− 5	*m*	...
...	31·582	−55·055	− 5	*m*	...
...	+31·598	−45·994	0·75	...	...
...	31·730	+57·803	− 5	*m*	...
...	31·912	−11·669	− 3	...	...
...	32·045	+ 9·707	0·75	...	...
...	32·051	−16·679	− 5	...	...
611					
...	+32·176	−30·670	− 3	...	...
...	32·248	−17·038	− 5	...	...
...	32·312	+12·989	− 4	*m*	...
...	32·533	−23·173	− 3	...	...
*	32·568	−14·935	0·90	...	...
*	+33·163	−51·089	1·40	46.7901	9·4
...	33·172	+25·265	− 1	...	...
*	33·238	+30·424	1·00	45.7863	10·0
...	33·283	−16·850	− 2	...	...
...	33·292	+18·480	− 5	*m*	...
621					
...	+33·582	+33·562	− 5	*m*	...
*	33·650	+22·297	1·10	45.7864	9·6
α *	33·786	− 0·124	1·05	45.7865	9·7
...	33·926	−47·739	− 4	...	...
...	33·953	−43·975	− 4	...	...
*	+34·051	−26·093	1·40	46.7902	9·3
...	34·088	−21·237	− 3	...	...
...	34·162	−31·522	− 3	...	...
...	34·197	− 6·544	− 5	...	...
...	34·205	−31·512	0·65	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
631–690					
631	′	′		°	
...	+34·237	+13·704	0·65	...	...
...	34·428	+19·970	− 5	*m*	...
...	34·445	−31·409	− 5	...	...
‡	34·546	− 1·275	1·35	45.7866	9·2
...	34·776	+ 7·448	− 5	*m*	...
S *	+34·838	+ 6·723	1·15	45.7867	9·4
...	34·839	− 4·114	− 5	...	...
...	34·874	+43·884	− 5	*m*	...
...	34·905	−27·220	− 4	...	...
...	34·950	+13·894	− 5	*m*	...
641					
...	+34·955	+30·467	− 4	*m*	...
...	35·041	−16·441	− 3	...	...
...	35·137	+13·447	− 5	*m*	...
...	35·155	+59·079	− 5	*m*	...
...	35·184	+27·469	− 3	...	...
...	+35·318	+22·979	0·75	...	...
...	35·331	−15·809	− 3	...	...
*	35·355	+25·833	2·00	45.7868	8·8
...	35·466	+15·743	− 5	*m*	...
...	35·489	+10·747	− 4	...	...
651					
...	+35·617	+ 5·062	− 5	*m*	...
*	35·643	−45·187	0·95	46.7903	10·0
...	35·728	−21·172	− 5	...	...
...	35·736	+42·001	0·75	...	...
...	35·842	−43·908	− 5	...	...
...	+35·878	−46·445	− 5	*m*	...
...	35·890	−12·744	− 5	...	...
...	36·142	−19·651	− 2	...	...
...	36·175	−33·924	− 5	*m*	...
...	36·317	+35·361	− 5	*m*	...
661					
...	+36·327	+ 7·475	− 4	*m*	...
...	36·411	−33·130	− 5	...	...
...	36·522	− 5·699	− 4	...	...
...	36·563	−19·388	− 4	...	...
...	36·822	−11·125	− 5	...	...
...	+36·901	+39·503	− 5	*m*	...
...	36·996	+ 6·679	− 5	*m*	...
...	37·020	−46·417	− 5	*m*	...
...	37·110	+34·145	− 4	*m*	...
...	37·228	− 2·227	− 5	...	...
671					
...	+37·352	+51·922	− 5	*m*	...
...	37·400	−12·498	− 5	...	...
...	37·454	− 1·607	− 5	...	...
...	37·460	−58·431	0·80	...	...
...	37·618	+46·230	− 5	*m*	...
*	+37·755	−46·203	1·35	46.7905	9·3
...	37·851	+53·898	− 4	*m*	...
...	37·980	− 5·512	− 4	...	...
...	38·088	+26·645	− 5	*m*	...
...	38·202	−15·242	− 5	*m*	...
681					
...	+38·275	+40·668	− 5	*m*	...
*	38·302	−20·778	0·95	46.7906	9·8
...	38·436	−30·648	− 3	...	...
...	38·547	−54·863	− 3	...	...
*	38·572	−10·879	1·10	46.7907	9·8
...	+38·585	+11·458	− 5	*m*	...
...	38·833	−35·000	− 2	...	...
...	38·846	+54·150	− 5	*m*	...
...	38·890	−24·273	− 5	...	...
...	38·907	−10·541	− 4	...	...
691–750					
691	′	′		°	
...	+38·920	+54·790	− 4	*m*	...
...	38·924	−49·522	− 1	...	...
...	38·928	−27·066	− 4	...	...
...	39·031	−40·298	− 5	...	...
...	39·083	+18·610	− 5	*m*	...
...	+39·147	+19·500	− 2	...	...
...	39·277	−22·928	− 5	...	...
...	39·710	−13·019	− 5	...	...
...	39·711	+26·735	− 5	*m*	...
...	39·714	+46·907	− 5	*m*	...
701					
...	+39·895	− 9·643	− 5	...	...
...	39·988	− 6·182	− 3	...	...
...	39·999	+ 6·725	− 4	*m*	...
...	40·040	−14·598	− 5	...	...
...	40·054	−26·817	− 4	...	...
...	+40·107	−23·043	− 2	...	...
...	40·329	+ 7·089	− 4	*m*	...
...	40·458	+25·669	− 3	*m*	...
...	40·733	+ 7·965	− 5	*m*	...
...	40·767	+51·160	0·75	...	...
711					
...	+40·933	−24·983	− 5	...	...
...	41·183	−11·633	− 1	...	...
...	41·206	−42·307	0·75	...	...
*	41·218	−44·376	1·00	46.7909	10·0
S *	41·251	−54·218	2·20	46.7910	8·3
*	+41·321	+53·719	1·00	45.7869	10·0
...	41·411	+55·613	− 4	...	...
...	41·528	−45·576	− 1	...	...
...	41·675	−37·027	− 5	...	...
...	42·078	−19·280	− 4	...	...
721					
...	+42·112	− 5·044	− 3	...	...
...	42·203	−50·164	− 5	*m*	...
*	42·295	−30·197	1·15	46.7911	9·6
...	42·510	−41·119	− 5	...	...
*	42·560	+23·430	0·95	45.7870	10·0
...	+42·593	−12·800	− 2	...	...
...	42·720	+50·217	− 5	*m*	...
...	42·904	−38·443	− 1	...	...
...	42·940	−46·549	− 5	...	...
*	42·975	−47·767	1·20	46.7912	9·6
731					
...	+42·992	−24·378	− 5	...	...
...	43·022	− 5·371	− 5	...	...
...	43·036	−36·003	− 5	...	...
...	43·043	+36·076	− 5	*m*	...
...	43·237	+35·741	0·75	...	...
...	+43·238	+ 8·687	− 5	*m*	...
...	43·420	+38·059	− 3	...	...
...	43·446	+22·327	0·65	...	...
*	43·526	+43·770	1·30	45.7871	9·4
...	43·563	+ 2·686	− 4	*m*	...
741					
...	+43·597	−28·569	− 4	...	...
...	43·634	+34·097	− 4	*m*	...
...	43·755	− 6·743	− 1	...	...
...	43·777	+32·638	− 1	...	...
*	43·798	+ 1·017	0·90	...	...
*	+43·897	+35·574	1·00	...	...
...	43·967	+ 5·905	− 5	*m*	...
...	44·032	−26·337	0·90	...	...
*	44·057	+11·562	1·20	45.7872	9·5
...	44·181	+24·627	− 2	...	...
751–810					
751	′	′		°	
...	+44·204	−26·039	− 1	...	...
...	44·303	−10·946	0·95	46.7913	10·0
†	44·459	+20·769	− 5	*m*	...
†	44·462	−15·727	− 4	...	...
...	44·584	+49·651	− 4	...	...
...	+44·673	+32·284	0·65	...	...
...	44·691	−41·839	− 3	...	...
...	44·778	−33·343	− 5	...	...
...	44·980	−22·713	− 2	...	...
...	45·304	+52·196	− 4	...	...
761					
...	+45·337	−48·801	− 5	...	...
...	45·478	+15·554	− 5	*m*	...
...	45·560	+35·542	− 4	*e*	...
...	45·579	+ 0·595	− 5	*m*	...
...	45·711	+49·195	− 5	*m*	...
*	+45·846	+43·887	1·10	45.7873	10·0
...	45·904	+42·420	− 4	*e*	...
...	45·953	+10·506	− 5	*m*	...
*	46·091	+28·721	1·50	45.7874	9·2
...	46·103	+ 0·056	− 2	...	...
771					
*	+46·126	−52·307	2·10	46.7914	8·2
...	46·132	−31·971	− 5	...	...
...	46·182	−50·138	− 1	...	...
...	46·209	−12·251	− 5	*m*	...
...	46·222	+11·231	− 4	*e*	...
...	+46·250	+34·753	− 5	*m*	...
...	46·342	+ 8·138	− 2	...	...
...	46·382	− 2·840	− 5	...	...
...	46·647	+14·904	− 4	*e*	...
...	46·685	+ 7·492	− 5	*m*	...
781					
*	+46·692	+29·033	2·00	45.7875	8·5
...	46·720	+52·198	− 3	*e*	...
...	46·724	−47·875	− 5	...	...
...	46·731	+11·879	0·70	...	...
...	46·780	+13·069	− 3	*e*	...
...	+46·944	−43·832	− 5	...	...
...	46·969	+18·016	− 5	*m*	...
...	47·025	+44·476	− 5	*m*	...
*	47·045	+48·720	1·40	45.7876	9·7
...	47·127	−12·879	0·70	...	...
791					
...	+47·147	+ 1·762	− 5	*m*	...
...	47·197	−10·085	0·70	...	...
...	47·238	−50·144	1·10	...	...
...	47·245	−12·921	− 5	...	...
...	47·407	+39·827	− 1	...	...
...	+47·526	+46·683	0·95	45.7877	10·0
...	47·742	−23·700	− 5	...	...
...	47·753	+ 6·528	− 3	*e*	...
...	47·794	+34·183	− 5	*m*	...
...	47·878	+ 5·631	− 5	*m*	...
801					
...	+48·176	−18·635	0·65	...	...
...	48·180	−43·711	− 4	...	...
...	48·233	+30·509	0·70	...	...
...	48·260	−23·871	− 4	...	...
*	48·402	−29·263	0·90	...	...
...	+48·417	−34·427	− 5	*m*	...
...	48·684	−18·962	− 5	*m*	...
...	48·687	+10·920	− 5	*m*	...
...	48·713	+32·434	− 4	*e*	...
...	48·722	− 9·291	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
811–870					
811	′	′		°	
...	+48·800	−50·683	− 1	...	...
...	48·888	+51·431	− 5	*m*	...
...	48·969	−43·152	− 4	...	...
...	48·985	−22·684	− 3	...	...
*	49·001	−30·753	1·10	46.7915	9·6
...	+49·291	+ 8·499	0·75	...	...
...	49·334	− 0·517	− 5	*e*	...
...	49·567	−17·992	0·75	...	...
*	49·743	−29·292	1·10	46.7916	9·8
...	49·798	+18·059	− 5	*m*	...
821					
...	+49·818	−41·624	0·65	...	...
...	49·839	+10·773	0·70	...	...
...	49·853	+18·279	− 5	*m*	...
...	49·900	+16·731	− 4	*e*	...
...	49·965	+16·187	− 2	*e*	...
...	+50·164	+27·518	− 5	*e*	...
...	50·230	−17·583	0·65	...	...
...	50·258	+53·921	− 2	...	...
...	50·298	+43·367	0·65	...	...
...	50·319	+20·658	− 3	*e*	...
831					
...	+50·459	−35·407	− 3	...	...
...	50·511	+23·031	− 5	*m*	...
*	50·573	−46·425	1·30	46.7918	9·8
...	50·598	+17·028	− 3	*e*	...
...	50·633	−15·658	0·70	...	...
...	+50·653	−40·980	0·80	...	...
...	50·707	+24·446	− 2	...	...
...	50·730	−23·698	− 5	*m*	...
*	50·801	−25·261	1·20	46.7917	9·4
...	50·859	−38·740	− 5	...	...
841					
...	+50·962	−22·803	− 5	...	...
...	50·996	+42·242	− 3	...	...
*	51·053	−12·851	0·95	...	...
...	51·082	−28·200	− 5	*e*	...
...	51·236	+38·164	0·90	...	...
...	+51·313	− 6·330	− 5	...	...
...	51·447	−26·786	− 2	...	...
...	51·483	− 7·049	− 5	...	...
...	51·573	−22·519	− 4	...	...
...	51·655	−44·382	− 4	...	...
851					
...	+51·660	+31·766	− 3	*e*	...
...	51·781	+47·404	− 5	*e*	...
...	51·829	+12·097	0·75	...	...
...	51·994	+23·658	− 3	*e*	...
...	52·012	+39·512	− 2	*e*	...
...	+52·016	+ 4·408	− 5	*m*	...
...	52·032	+25·210	− 3	...	...
...	52·171	−21·854	− 5	...	...
...	52·183	+35·569	0·65	...	...
...	52·195	− 4·290	− 5	*m*	...
861					
...	+52·234	−30·447	− 4	...	...
...	52·247	+ 3·226	− 5	*m*	...
...	52·359	−22·468	− 5	...	...
...	52·398	−48·271	− 4	...	...
*	52·404	+48·741	1·40	45.7878	9·8
...	+52·408	−43·009	− 3	...	...
...	52·508	−21·590	− 4	...	...
...	52·691	−21·966	− 2	...	...
...	52·762	−33·701	− 5	...	...
...	52·766	+35·650	− 3	*e*	...
871–930					
871	′	′		°	
...	+52·809	−35·361	− 5	...	...
...	52·814	−36·142	0·95	...	...
...	52·853	−45·658	− 4	...	...
...	53·097	+ 3·986	− 2	*e*	...
...	53·116	−20·537	0·65	...	...
...	+53·173	−33·603	− 1	...	...
...	53·173	−35·936	− 3	...	...
...	53·209	− 0·506	0·70	*e*	...
...	53·232	−11·531	− 2	...	...
...	53·280	+16·713	− 5	*e*	...
881					
...	+53·389	− 5·738	− 5	*m*	...
...	53·399	− 3·533	− 4	...	...
...	53·431	−30·871	− 5	*m*	...
*	53·536	+51·086	1·90	45.7879	9·4
...	53·579	+13·048	− 3	...	...
...	+53·592	− 9·508	− 5	...	...
...	53·602	− 1·608	− 4	...	...
...	53·658	+56·166	− 1	...	...
...	53·725	−31·609	0·65	...	...
...	53·726	−57·823	− 5	...	...
891					
...	+53·752	−30·543	− 2	...	...
...	53·770	+52·491	− 3	...	...
...	53·896	− 6·578	− 5	...	...
...	53·925	+11·819	− 5	*e*	...
...	53·954	−40·974	− 4	...	...
...	+53·965	−10·916	− 1	...	...
...	54·142	+45·624	− 5	*m*	...
...	54·143	−47·407	− 4	...	...
...	54·314	−10·430	− 1	...	...
*	54·318	−34·109	1·00	46.7919	10·0
901					
...	+54·799	−29·511	− 3	...	...
...	54·915	−34·917	1·00	...	...
...	54·987	−45·197	− 1	...	...
*	55·199	−47·425	1·15	46.7921	9·6
*	55·237	−41·765	1·10	46.7920	10·0
...	+55·358	−12·354	− 4	...	...
...	55·497	−10·897	− 4	...	...
...	55·539	−15·663	− 3	...	...
*	55·612	−17·085	1·10	46.7922	9·8
...	55·640	−48·756	− 4	...	...
911					
...	+55·719	−38·289	− 1	...	...
...	55·720	+15·563	− 2	...	...
*	55·916	−15·562	1·00	...	...
...	55·923	+10·627	− 5	*e*	...
...	55·945	+ 9·742	− 2	*e*	...
...	+55·997	− 1·613	− 5	*m*	...
...	56·085	+28·802	− 5	*e*	...
...	56·115	−18·437	− 4	...	...
...	56·166	+56·403	− 5	...	...
*	56·215	+27·302	1·05	45.7880	9·8
921					
*	+56·309	+ 6·357	1·00	...	...
...	56·451	+37·044	− 4	*e*	...
...	56·456	−57·489	− 5	...	...
...	56·506	+ 4·876	− 4	...	...
*	56·533	−46·090	1·15	46.7923	9·8
...	+56·553	+11·738	0·65	...	...
...	56·582	+47·778	− 5	*m*	...
...	56·702	+ 0·858	− 5	*m*	...
N	56·742	−57·444	− 5	...	...
*	56·745	+34·772	1·10	45.7881	10·0
931–961					
931	′	′		°	
...	+56·900	+38·425	− 5	*m*	...
...	57·240	+11·798	− 5	*m*	...
...	57·248	+24·754	− 5	*e*	...
*	57·276	−29·284	1·50	46.7924	9·3
...	57·290	+ 5·577	− 4	...	...
...	+57·438	−20·230	0·65	...	...
*	57·498	−43·444	1·70	46.7925	9·4
...	57·507	+ 5·582	− 5	*m*	...
...	57·522	+33·814	− 5	*e*	...
...	57·552	+21·549	− 4	*e*	...
941					
*	+57·555	+36·796	1·25	45.7882	10·0
*	57·584	−55·797	2·10	46.7927	8·6
*	57·591	+20·023	1·70	45.7883	9·4
...	58·184	+33·130	− 5	*e*	...
*	58·188	−13·521	1·00	46.7926	10·0
...	+58·201	−44·785	− 4	...	...
...	58·233	− 1·772	− 5	...	...
...	58·250	+11·699	− 3	*e*	...
...	58·347	−41·173	− 4	...	...
...	58·730	−22·445	− 1	...	...
951					
...	+58·743	+12·711	− 5	*m*	...
...	58·792	−16·615	− 4	...	...
...	58·815	−37·044	− 4	...	...
...	58·932	−30·310	− 3	...	...
...	59·016	−25·900	0·65	...	...
...	+59·051	−25·227	− 3	...	...
†	59·116	+45·108	− 4	...	...
...	59·189	−32·169	− 5	...	...
...	59·191	+21·481	− 4	...	...
*	59·199	−40·657	1·20	46.7929	10·0
961					
...	+59·340	+33·731	− 4	*e*	...

929. Image very diffused.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
1–60					
1	′	′		°	
†	−60·121	−38·729	− 3	...	...
...	59·803	+35·321	− 4	E	...
*	59·772	−48·034	1·40	46.7912	9·6
*	59·770	+43·678	1·00	45.7873	10·0
...	59.745	−28·819	− 4	...	...
...	−59·660	+42·195	− 5	E	...
*	59·584	−11·175	1·00	46.7913	10·0
*	59·392	−26·573	1·00	...	...
...	59·305	−15·954	− 3	...	...
...	59·223	−26·272	− 2	...	...
11					
...	−59·161	+51·992	− 3	E	...
*	59·030	+28·521	1·40	45.7874	9·2
*	58·713	+48·554	1·30	45.7876	9·7
...	58·559	−22·937	− 1	...	...
*	58·447	+28·853	1·90	45.7875	8·5
...	−58·409	−33·574	− 4	...	...
...	58·378	+11·037	− 3	E	...
...	58·241	−42·070	− 5	...	...
*	58·172	+46·520	1·10	45.7877	10·0
...	58·156	+ 7·948	0·70	...	...
21					
...	−58·125	− 0·138	− 1	F	...
...	58·078	+39·653	0·65	...	...
...	58·060	+14·729	− 2	E	...
...	57·884	+11·705	0·75	...	...
...	57·874	+12·896	− 4	E	...
...	−57·761	− 3·029	− 5	...	...
...	56·949	+30·368	0·80	...	...
...	56·725	−10·244	0·70	...	...
...	56·707	−13·034	0·75	...	...
...	56.685	+ 6·397	− 4	E	...
31					
...	−56·528	+32·301	− 5	E	...
...	56·482	−50·317	− 3	...	...
*	56·463	−52·489	2·50	46.7914	8·2
...	56·018	−48·044	− 5	...	...
...	55·906	−43·995	− 5	...	...
...	−55·769	−23·829	− 5	...	...
...	55·650	+53·831	− 1	...	...
...	55·482	−18·754	− 2	...	...
...	55·423	−50·300	− 1	...	...
...	55·280	+43·270	− 1	...	...
41					
...	−55·237	− 9·392	− 2	...	...
...	55·227	−23·982	− 4	...	...
...	55·218	+ 8·412	0·70	...	...
...	54·942	+27·449	− 5	E	...
...	54·924	−29·358	0·75	...	...
...	−54·893	− 0·595	− 5	E	...
...	54·874	+16·657	− 5	E	...
...	54·790	+16·110	− 4	E	...
...	54·774	+ 0·906	− 5	M	...
...	54·733	+10·686	− 2	...	...
51					
...	−54·709	−43·830	− 5	...	...
...	54·567	+42·182	− 4	...	...
...	54·565	−22·774	− 5	...	...
...	54·558	+20·595	− 5	E	...
...	54·300	+24·396	− 3	...	...
*	−54·271	−30·839	1·10	46.7915	9·6
...	54·198	+38·122	0·70	...	...
...	54·171	+16·976	− 4	E	...
...	54·106	−18·071	0·65	...	...
...	53·937	+47·381	− 5	E	...
61–120					
61	′	′		°	
...	−53·856	−50·776	− 3	...	...
*	53·582	−29·354	0·95	46.7916	9·8
...	53·568	+31·727	− 4	E	...
...	53·471	+39·491	− 5	E	...
...	53·450	−17·634	− 3	...	...
...	−53·369	+48·728	0·95	45.7878	9·8
...	53·283	+25·136	− 5	M	...
...	53·217	− 1·182	− 5	...	...
...	53·169	+35·546	− 1	...	...
...	53·118	−41·683	− 3	...	...
71					
...	−53·107	−15·711	− 2	...	...
...	53·007	+25·196	− 4	...	...
...	52·986	+23·644	− 4	E	...
...	52·794	+12·076	− 2	...	...
...	52·783	−12·883	− 2	...	...
...	−52·726	− 6·355	− 5	...	...
...	52·678	−35·441	− 5	...	...
*	52·624	−25·294	1·10	46.7917	9·4
...	52·604	+35·652	− 5	E	...
...	52·329	+56·192	− 1	...	...
81					
*	−52·308	+51·108	1·60	45.7879	9·4
...	52·282	−41·023	0·65	...	...
...	52·281	−28·212	− 5	E	...
*	52·199	−46·465	1·15	46.7918	9·8
...	52·182	−38·782	− 5	...	...
...	−52·115	+52·524	− 5	...	...
...	51·955	−22·523	− 4	...	...
...	51·947	−26·786	− 4	...	...
...	51·465	+16·738	− 5	E	...
...	51·384	−21·843	− 5	...	...
91					
...	−51·274	+ 4·020	− 3	E	...
...	51·182	−22·457	− 5	...	...
...	51·073	+13·081	− 3	...	...
...	51·055	−30·442	− 5	...	...
...	51·047	−21·572	− 5	...	...
...	−51·014	− 0·472	− 2	E	...
...	50·867	−21·937	− 4	...	...
...	50·863	+35·221	− 5	M	...
...	50·731	− 3·493	− 4	...	...
...	50·695	+11·864	− 5	E	...
101					
...	−50·636	−11·500	− 4	...	...
...	50·594	− 1·559	− 4	...	...
...	50·489	−42·989	− 5	...	...
...	50·478	−20·495	− 2	...	...
...	50·345	− 9·465	− 5	...	...
...	−50·337	−48·259	− 5	...	...
...	50·315	−35·331	− 5	...	...
...	50·290	−36·116	0·70	...	...
...	50·017	−33·553	− 2	...	...
...	49·951	−45·626	− 4	...	...
111					
...	−49·944	−35·892	− 4	...	...
...	49·933	−10·853	− 3	...	...
...	49·613	−10·343	− 2	...	...
...	49·537	−30·462	− 2	...	...
...	49·521	−31·531	− 1	...	...
...	−49·076	+28·915	− 5	E	...
...	49·003	+15·672	− 2	...	...
...	48·990	−40·893	− 5	...	...
...	48·962	+37·176	− 4	E	...
...	48·913	− 3·728	− 5	M	...
121–180					
121	′	′		°	
*	−48·887	+27·407	1·00	45.7880	9·8
...	48·853	−34·017	0·90	46.7919	10·0
...	48·650	+10·751	− 5	E	...
...	48·632	−47·351	− 5	...	...
...	48·595	+ 9·858	− 2	E	...
...	−48·574	+34·917	0·90	45.7881	10·0
...	48·518	−29·419	− 2	...	...
...	48·494	−12·261	− 2	...	...
...	48·377	−10·799	− 4	...	...
†	48·218	−34·824	0·80	...	...
131					
...	−48·200	−15·563	− 3	...	...
...	48·128	+ 6·487	0·80	...	...
*	48·088	−16·965	1·00	46.7922	9·8
...	48·061	+11·854	− 2	...	...
...	47·890	+ 5·013	− 1	...	...
*	−47·836	+36·960	1·05	45.7882	10·0
*	47·834	−15·440	0·95	...	...
...	47·834	−45·097	− 3	...	...
...	47·782	+33·956	− 5	E	...
...	47·770	+24·905	− 5	E	...
141					
...	−47·699	−41·654	0·95	46.7920	10·0
...	47·546	−18·317	− 3	...	...
*	47·540	−47·318	1·20	46.7921	9·6
...	47·363	+21·707	− 4	E	...
...	47·324	−38·168	0·65	...	...
‡	−47·281	+20·174	1·15	45.7883	9·4
...	47·129	+ 5·741	− 2	...	...
...	47·109	+33·305	− 4	E	...
...	47·057	−48·635	− 4	...	...
...	46·554	+45·287	0·65	...	...
151					
...	−46·462	+56·859	− 5	M	...
...	46·368	+11·881	− 3	E	...
*	46·241	−45·935	1·15	46.7923	9·8
...	46·176	−20·062	0·65	...	...
*	46·030	−29·122	1·15	46.7924	9·3
...	−45·956	+33·937	− 4	E	...
...	45·943	− 1·588	− 5	...	...
...	45·732	+ 9·786	− 5	M	...
...	45·724	+21·682	− 3	...	...
*	45·632	−13·336	0·80	46.7926	10·0
161					
...	−45·552	+56·491	− 5	M	...
*	45·374	−43·273	1·10	46.7925	9·4
...	45·322	+23·240	− 2	...	...
...	45·037	+ 8·867	− 4	...	...
*	44·962	+23·928	1·80	45.7884	9·0
...	−44·927	−16·392	− 5	...	...
*	44·909	−55·610	2·20	46.7927	8·6
...	44·880	+59·324	0·85	...	...
...	44·850	+44·058	− 5	M	...
...	44·821	+ 1·437	− 5	M	...
171					
...	−44·819	−22·217	− 4	...	...
...	44·670	−44·589	− 5	...	...
...	44·653	+10·291	− 4	...	...
...	44·618	−40·957	− 5	...	...
*	44·465	− 6·711	1·40	46.7928	9·0
...	−44·411	−25·668	− 3	...	..
...	44·410	−24·999	− 4	...	...
...	44·374	−30·086	− 3	...	...
...	44·359	+43·167	− 5	M	...
...	44·278	−36·810	− 5	...	...

MJ measured from 1, 109, 241, 375, 515, 639, 769, 897, 1027, 1147, 1237, 1343.
ES „ „ 44, 164, 300; 455, 566, 700, 839, 965, 1088, 1192, 1299, 1410.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
181–240					
181					
...	−44·177	−12·102	− 5	...	...
...	44·172	+27·323	− 5	M	...
...	44·133	+22·912	− 5	M	...
...	44·057	+36·420	− 3	B	...
...	44·057	−13·909	− 5	...	...
...	−44·055	−31·929	− 5	...	...
...	43·949	+16·837	− 5	M	...
...	43·881	+ 8·825	− 4	...	...
*	43·787	−40·415	0·85	46.7929	10·0
...	43·702	+30·684	0·80	45.7885	10·0
191					
...	−43·667	−12·215	− 5	...	...
...	43·623	+ 3·120	− 5	M	...
...	43·612	−16·518	− 5	...	...
...	43·507	−31·066	− 5	...	...
...	43·491	+22·786	0·65	...	...
*	−43·440	−36·686	0·95	46.7930	10·0
...	43·391	+45·077	− 5	M	...
...	43·358	−45·384	− 5	...	...
...	43·249	−20·811	− 3	...	...
...	43·084	+23·789	− 3	...	...
201					
...	−42·969	−49·570	− 5	...	...
*	42·883	− 7·748	0·85	46.7931	10·0
...	42·736	+15·748	− 5	M	...
...	42·634	+11·056	− 4	...	...
...	42·547	+30·313	0·75	...	...
*	−42·342	−36·387	0·95	46.7932	10·0
...	42·336	+14·214	− 5	M	...
...	42·302	+31·554	− 5	M	...
S *	42·275	+ 7·262	1·15	45.7886	9·4
...	42·275	− 6·606	− 5	...	...
211					
*	−42·273	−11·878	1·00	46.7934	9·5
*	42·270	+37·888	1·15	45.7887	9·4
...	42·234	−13·306	− 4	...	...
...	42·231	+14·413	− 4	...	...
...	41·998	+14·521	− 5	M	...
*	−41·987	−56·839	1·05	46.7933	9·8
...	41·980	−40·090	− 4	...	...
...	41·909	+55·823	− 4	...	...
...	41·835	−43·541	− 5	...	...
†	41·783	+30·078	− 5	M	...
221					
...	−41·713	+42·852	− 4	...	...
...	41·663	−37·682	− 3	...	...
...	41·587	+20·901	− 4	...	...
...	41·499	−30·282	− 5	...	...
...	41·466	−26·814	− 3	...	...
...	−41·421	−46·955	0·75	...	...
...	41·408	−16·299	− 5	...	...
...	41·360	−18·241	− 4	...	...
...	41·308	+38·023	− 5	M	...
...	41·288	−18·823	− 5	...	...
231					
...	−41·129	−42·258	− 4	...	...
...	41·007	−44·098	− 4	...	...
...	40·905	+26·691	− 5	M	...
*	40·802	+ 4·488	0·85	45.7888	9·8
...	40·741	+50·376	− 2	...	...
...	−40·503	+25·262	− 5	M	...
...	40·335	−40·413	− 3	...	...
...	40·290	+ 3·536	− 4	M	...
‡	40·235	−10·408	1·30	46.7935	9·0
...	40·222	− 4·695	− 3	...	...
241–300					
241					
†	−40·146	+ 0·188	− 2	...	...
...	39·961	+29·148	− 5	M	...
*	39·710	−18·198	1·00	46.7936	9·8
...	39·664	+12·307	− 3	...	...
...	39·638	−25·672	− 3	...	...
...	−39·595	+50·133	− 2	...	...
...	39·492	−41·341	− 2	...	...
...	39·359	−23·590	− 5	...	...
...	39·351	−41·232	− 5	...	...
...	39·302	−31·495	− 2	...	...
251					
*	−39·294	−16·072	0·80	...	...
...	39·280	+35·204	− 3	...	...
...	39·242	+24·405	− 1	...	...
...	39·198	+29·861	− 5	M	...
...	39·099	−25·144	− 5	M	...
*	−39·056	+ 8·941	0·90	45.7889	10·0
*	38·974	+ 5·304	1·00	45.7890	9·8
...	38·800	− 8·502	− 3	...	...
...	38·771	−26·396	− 4	...	...
...	38·722	−12·900	− 2	...	...
261					
...	−38·668	− 5·142	− 5	...	...
...	38·406	+34·599	− 5	M	...
S *	38·375	−29·928	2·00	46.7937	8·6
*	38·171	+10·041	1·00	45.7891	9·6
...	38·082	−18·465	− 5	M	...
*	−37·914	−24·206	1·00	46.7939	10·0
...	37·870	− 7·793	− 2	...	...
...	37·860	−30·932	− 4	...	...
*	37·840	−17·838	1·05	46.7942	9·8
*	37·812	−19·916	0·75		
271				46.7941	9·5
‡	−37·707	−19·844	0·85		
*	37·664	−51·919	1·10	...	...
...	37·653	− 9·541	− 4	...	...
...	37·592	+58·390	− 5	M	...
...	37·571	−31·337	− 5	...	...
*	−37·551	−40·079	1·50	46.7940	9·2
...	37·496	−44·207	− 3	...	...
...	37·443	+30·650	− 1	...	...
...	37·343	−15·553	− 2	...	...
...	37·189	−27·427	− 5	...	...
281					
*	−37·141	−15·861	0·90	46.7944	10·0
*	37·071	−42·892	1·05	46.7943	9·8
...	36·984	−32·611	− 4	...	...
...	36·877	+59·472	− 1	...	...
*	36·660	−42·786	0·95	46.7945	10·0
...	−36·652	− 5·872	− 5	...	...
...	36·629	+11·599	0·65	...	...
...	36·506	−42·851	− 5	M	...
...	36·413	+52·990	− 3	A	...
...	36·382	+ 1·242	− 2	...	...
291					
...	−36·366	+ 3·936	− 3	...	...
...	36·363	+58·225	− 3	B	...
...	36·269	−57·471	− 5	...	...
*	36·254	+48·865	0·95	...	...
...	35·796	−35·232	− 3	...	...
...	−35·736	−28·000	− 5	...	...
*	35·576	−22·830	1·00	46.7946	9·8
...	35·431	−55·784	0·80	...	...
...	35·425	−25·010	− 3	...	...
...	34·968	− 1·207	− 5	...	...
301–360					
301					
...	−34·903	−21·588	− 5	...	...
†	34·901	+30·097	− 3	...	...
...	34·814	+ 5·663	− 4	M	...
...	34·757	+24·840	0·65	...	...
...	34·720	+35·318	− 3	...	...
...	−34·664	−46·444	− 5	...	...
...	34·624	−44·374	− 4	...	...
N	34·591	−12·269	− 2	...	...
...	34·547	−46·512	− 5	...	...
...	34·516	+51·659	− 5	M	...
311					
*	−34·288	−41·273	0·90	46.7947	9·8
...	34·279	−28·836	− 3	...	...
...	34·252	+36·807	− 4	M	...
...	34·223	−38·905	− 5	...	...
...	34·212	−49·538	0·65	...	...
...	−34·137	+ 0·751	− 4	...	...
*	34·104	− 7·253	0·75	...	...
...	34·070	− 3·126	− 2	...	...
...	34·062	−22·191	− 3	...	...
...	34·062	−55·943	− 4	...	...
321					
...	−34·055	−17·072	− 4	...	...
...	34·037	−21·464	− 5	...	...
*	33·979	−52·232	1·15	46.7948	9·3
*	33·969	− 3·264	0·85	45.7892	9·8
...	33·948	+24·853	− 5	M	...
...	−33·896	−10·400	− 5	...	...
...	33·879	−10·968	− 4	...	...
...	33·842	+47·353	− 5	M	...
...	33·691	−36·772	− 3	...	...
...	33·650	+16·880	− 4	...	...
331					
...	−33·622	−55·593	− 5	...	...
...	33·583	−11·823	− 5	...	...
...	33·424	+21·572	− 2	...	...
...	33·314	− 7·715	− 4	...	...
...	33·300	−36·577	− 5	...	...
*	−33·191	−12·859	0·80	46.7949	10·0
...	33·177	−15·104	− 4	...	...
*	32·966	−17·355	0·90	46.7950	9·8
...	32·927	+ 3·528	− 5	M	...
...	32·559	−27·039	− 2	...	...
341					
...	−32·557	+14·416	− 5	M	...
...	32·502	−43·501	0·65	46.7951	10·0
...	32·462	−18·962	− 2	46.7952	10·0
*	32·435	− 6·462	0·75	46.7953	10·0
...	32·304	−23·728	− 5	...	...
...	−32·287	− 3·071	− 3	...	...
...	32·211	−51·625	− 3	...	...
...	32·176	+ 7·646	− 5	M	...
*	32·115	+34·762	0·90	45.7893	9·6
...	32·103	− 5·464	− 4	...	...
351					
...	−32·030	− 2·371	− 5	...	...
...	31·983	−29·931	− 4	...	...
...	31·825	−34·251	− 5	...	...
...	31·792	− 7·709	− 4	...	...
...	31·748	+48·061	− 5	M	...
...	−31·743	− 8·047	− 5	...	...
...	31·654	−25·927	− 5	...	...
...	31·585	+10·510	− 5	M	...
...	31·394	−32·691	− 5	...	...
...	31·349	+49·060	− 5	M	...

308. Partly obscured by fault.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
361–420					
361					
*	−31′279	+28′605	0·80	45.7894	10·0
...	31·177	+22·923	0·65	45.7895	10·0
...	31·127	−10·663	− 4	...	...
...	31·116	+32·477	− 5	M	...
...	30·996	−26·493	− 3	...	...
...	−30·986	−16·117	− 5	...	...
...	30·974	+51·657	0·75	...	...
...	30·879	+15·428	− 2	...	...
...	30·802	+18·473	− 5	M	...
*	30·784	−56·969	0·85	46.7954	9·8
371					
...	−30·562	+ 1·220	− 5	M	...
...	30·368	−49·027	− 5	...	...
...	30·315	−45·245	− 4	...	...
...	30·274	− 8·121	− 3	...	...
*	30·086	−58·294	1·15	46.7955	9·7
‡	−30·049	−34·766	1·05	46.7956	9·5
...	29·975	+55·457	− 5	M	...
...	29·882	−21·772	− 2	...	...
...	29·782	−45·008	− 1	...	...
...	29·727	+36·739	− 2	...	...
381					
...	−29·709	−32·048	− 5	M	...
...	29·575	−53·115	0·90	46.7957	10·0
...	29·466	+ 6·438	− 1	...	...
*	29·375	+53·604	1·60	45.7896	9·2
...	29·372	−49·845	− 4	...	...
...	−29·255	−28·885	− 5	...	...
...	29·252	−20·059	− 2	...	...
*	29·138	−14·738	0·85	...	...
...	29·120	+35·584	− 2	...	...
...	29·093	+35·711	− 3	...	...
391					
...	−29·093	−39·131	− 4	...	...
*	29·092	−33·550	1·00	46.7959	10·0
...	29·075	−59·460	− 3	...	...
*	29·057	−39·915	1·10	46.7958	9·5
...	29·018	− 0·845	0·65	...	...
...	−28·968	+44·260	− 3	...	...
...	28·915	−37·266	− 3	...	...
...	28·891	−35·528	− 5	M	...
...	28·771	−21·474	− 5	...	...
...	28·621	−59·407	− 4	...	...
401					
...	−28·532	−21·409	− 5	...	...
...	28·367	−19·161	− 3	...	...
...	28·361	−24·226	− 1	...	...
...	28·295	+ 4·107	0·65	...	...
*	28·292	+36·195	1·60	45.7897	9·0
*	−28·263	−27·343	1·00	46.7961	10·0
*	28·156	−43·990	1·00	46.7960	9·8
...	27·967	−25·806	− 3	...	...
...	27·897	−13·280	− 3	...	...
...	27·841	− 7·192	− 4	...	...
411					
...	−27·550	−19·134	− 4	...	...
...	27·549	+39·651	− 3	B	...
*	27·373	+22·871	2·60	45.7898	8·4
...	27·346	−10·223	− 3	...	...
...	27·326	−19·548	− 5	...	...
...	−27·320	−35·862	− 5	...	...
...	27·257	−16·735	− 5	...	...
...	27·169	−38·605	0·75	...	...
...	27·021	−45·331	− 1	...	...
*	26·818	+27·069	0·95	45.7899	9·8
421–480					
421					
...	−26′732	+29′172	− 2	...	...
...	26·709	+ 7·562	− 3	...	...
...	26·704	−21·981	− 5	...	...
...	26·617	+58·175	− 5	...	...
...	26·615	− 6·505	− 3	...	...
...	−26·513	−22·868	− 3	...	...
*	26·504	+18·326	0·85	45.7900	10·0
*	26·431	+14·365	0·85	...	...
...	26·280	−36·588	− 1	...	...
...	26·115	+17·884	− 4	...	...
431					
...	−26·115	−52·096	0·70	...	...
*	26·088	−36·135	0·80	...	...
...	26·042	+45·369	0·75	45.7902	10·0
...	26·035	−11·085	− 2	...	...
...	25·991	−31·830	− 4	...	...
...	−25·916	+21·835	− 2	...	...
*	25·851	+ 8·554	0·85	45.7901	10·0
...	25·840	+42·428	0·75	45.7903	10·0
...	25·786	+41·817	− 3	B	...
*	25·761	−25·113	1·00	46.7963	9·8
441					
...	−25·755	+44·608	− 3	B	...
...	25·739	−20·488	− 2	...	...
*	25·738	−44·150	1·05	46.7962	9·8
...	25·684	+30·923	− 2	...	...
...	25·615	+40·754	− 4	B	...
*	−25·612	+20·556	1·10	45.7904	9·5
...	25·498	−32·141	− 2	...	...
...	25·486	−56·652	− 3	...	...
...	25·458	+30·623	− 4	M	...
...	25·438	−56·406	− 3	...	...
451					
...	−25·417	+ 7·897	− 2	...	...
...	25·386	+31·370	− 2	...	...
...	25·325	−58·468	− 4	...	...
...	25·280	− 2·230	− 5	M	...
†	25·226	−57·736	− 1	46.7964	10·0
...	−25·093	−21·664	− 5	...	...
...	25·053	−22·514	0·65	46.7966	10·0
...	24·870	−16·166	− 5	...	...
*	24·843	−48·108	0·95	46.7965	9·8
*	24·678	+59·111	1·25	44.7872	9·4
461					
N	−24·667	+56·061	− 4	...	...
...	24·656	−23·578	0·70	46.7967	10·0
...	24·563	−48·756	− 5	...	...
...	24·466	−14·729	− 5	...	...
...	24·454	−25·438	− 5	...	...
...	−24·422	−24·110	0·70	46.7968	10·0
...	24·175	+27·304	0·75	45.7905	10·0
...	24·169	+ 7·887	− 1	...	...
...	24·040	−59·224	− 1	...	...
S *	23·976	+52·923	3·35	45.7906	7·2
471					
...	−23·891	−44·406	− 5	...	...
...	23·797	−12·717	− 5	...	...
...	23·715	+ 6·410	0·70	...	...
...	23·697	−11·732	− 5	...	...
*	23·614	+12·185	1·20	45.7907	9·4
...	−23·594	−34·879	− 5	...	...
...	23·470	+17·996	− 5	M	...
...	23·451	−32·790	− 5	...	...
...	23·421	−40·142	− 5	...	...
*	23·330	−56·937	1·40	46.7969	9·0
481–540					
481					
...	−23′083	+46′053	− 5	M	...
*	22·780	+ 4·215	1·00	45.7908	9·7
...	22·671	−39·178	− 5	...	...
...	22·560	+14·313	− 5	M	...
...	22·303	+46·227	0·65	...	...
...	−22·204	−33·785	− 5	...	...
...	22·186	−22·240	− 1	...	...
...	22·186	−45·596	− 4	...	...
‡	22·126	−44·738	1·15	46.7970	9·0
...	22·074	−47·357	− 5	...	...
491					
...	−21·926	+39·906	− 5	M	...
...	21·915	+57·777	− 4	...	...
...	21·880	−41·746	− 5	...	...
...	21·879	−54·145	− 5	...	...
*	21·871	− 7·982	1·15	46.7971	9·4
...	−21·685	+49·852	− 5	M	...
...	21·638	−16·715	− 5	...	...
...	21·504	− 9·240	− 3	...	...
...	21·350	−19·915	− 5	...	...
...	21·033	−58·394	− 4	...	...
501					
...	−20·973	+20·611	− 5	M	...
...	20·778	− 5·032	− 5	M	...
*	20·730	−58·499	1·20	46.7972	9·4
...	20·728	−58·688	− 3	...	...
...	20·722	−27·130	− 4	...	...
...	−20·671	+25·216	− 5	M	...
...	20·642	+20·584	− 2	...	...
...	20·641	+24·648	− 5	M	...
...	20·544	+39·620	− 4	M	...
...	20·489	−49·302	0·65	...	...
511					
S *	−20·487	− 9·961	1·30	46.7973	8·8
...	20·439	−26·092	− 5	...	...
...	20·402	−23·792	− 5	...	...
...	20·266	+57·260	− 5	...	...
...	19·906	+ 2·737	− 5	M	...
...	−19·874	+37·146	0·65	...	...
...	19·804	+ 9·433	− 5	M	...
...	19·653	+44·817	− 2	...	...
...	19·562	+15·631	− 3	...	...
...	19·539	+35·739	− 2	...	...
521					
*	−19·526	−29·318	1·00	46.7974	10·0
...	19·501	−17·980	− 2	...	...
...	19·459	+54·613	− 5	M	...
n	19·382	−57·183	0·80	46.7975	10·0
...	19·365	+23·313	− 2	...	...
n	−19·350	−57·436	0·75	46.7975	10·0
...	19·072	+35·924	− 3	B	...
...	18·759	+15·758	− 3	B	...
...	18·687	+35·532	− 1	...	...
...	18·612	−53·920	− 5	...	...
531					
...	−18·370	−47·333	− 3	...	...
...	18·264	−26·505	− 5	...	...
...	18·252	−46·379	− 5	M	...
...	17·968	−46·068	− 5	...	...
*	17·890	−21·058	1·60	46.7976	8·8
...	−17·853	−42·198	− 3	...	...
...	17·794	−42·198	− 5	...	...
...	17·760	+25·673	0·80	...	...
...	17·686	+ 7·048	− 5	M	...
...	17·600	−24·394	0·70	...	...

461. Partly obscured by fault.
524, 526. C.P.D., suspected double.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
541–600					
541					
...	−17·531	−26·401	− 4	...	...
...	17·320	− 3·985	− 5	M	...
...	17·223	−48·417	− 2	...	...
...	17·006	+42·345	− 5	M	...
...	16·998	−43·098	− 5	...	...
...	−16·948	−46·824	− 3	...	...
...	16·834	+18·923	− 1	...	...
...	16·831	−33·351	− 5	...	...
...	16·778	−35·471	0·65	...	...
...	16·661	−12·923	− 4	...	...
551					
...	−16·598	+49·306	0·65	...	...
*	16·378	+14·210	1·20	45.7909	9·0
...	16·321	+ 7·637	− 1	...	...
*	16·317	+50·665	1·10	45.7910	9·6
...	16·209	−19·205	− 5	M	...
...	−16·096	+ 9·814	0·65	...	...
...	16·032	−34·836	− 4	...	...
...	15·955	−29·239	− 5	...	...
...	15·876	−27·301	0·70	46.7977	10·0
...	15·780	−39·227	− 1	...	...
561					
...	−15·704	−35·817	− 2	...	...
...	15·541	−44·667	− 4	...	...
...	15·485	−27·777	− 2	...	...
*	15·448	−49·808	1·05	46.7978	10·0
...	15·442	−39·068	0·85	...	...
...	−15·164	+ 9·160	− 5	M	...
...	14·998	−40·438	− 3	...	...
*	14·898	+41·247	2·10	45.7912	8·5
*	14·849	+20·220	1·20	45.7911	9·4
...	14·815	+44·944	− 4	...	...
571					
...	−14·766	+ 7·400	0·75	...	...
...	14·714	+ 9·675	− 5	M	...
...	14·705	− 3·023	− 5	...	...
...	14·608	+43·594	− 5	M	...
...	14·576	− 4·001	− 5	...	...
...	−14·382	+52·202	− 5	M	...
...	14·377	−23·560	− 4	...	...
S *	14·322	−43·238	1·95	46.7979	8·2
...	14·246	+ 6·595	0·75	45.7913	10·0
...	14·199	−53·278	− 3	...	...
581					
*	−14·059	−45·260	1·10	46.7980	9·5
*	13·977	+11·618	0·90	45.7914	9·8
...	13·955	−28·230	− 4	...	...
...	13·612	−13·397	− 4	...	...
...	13·563	−36·432	− 4	...	...
...	−13·436	−37·089	− 4	...	...
...	13·360	+24·678	− 3	...	...
...	13·316	−19·321	− 3	...	...
...	13·305	−11·019	− 3	...	...
...	13·133	−15·118	− 5	...	...
591					
...	−13·118	+38·224	− 5	M	...
...	12·991	−51·220	− 5	...	...
...	12·959	−24·239	− 5	...	...
*	12·884	+54·781	1·05	45.7915	9.4
...	12·821	−36·768	− 5	...	...
...	−12·679	−44·994	− 5	...	...
*	12·652	+16·603	1·05	45.7916	9·5
...	12·579	+28·336	− 2	...	...
N	12·458	+23·468	0·65	45.7917	10·0
...	12·432	+22·176	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
601–660					
601					
*	−12·398	+37·480	1·30	45.7918	9·0
*	12·362	− 3·858	1·05	46.7981	9·8
...	12·245	− 8·625	− 5	M	...
...	12·244	−58·015	− 5	...	...
...	12·243	+41·803	− 4	...	...
*	−12·181	− 8·862	1·20	46.7982	9·4
...	12·131	− 8·363	− 4	...	...
...	12·057	+34·338	− 4	...	...
...	12·015	− 3·183	− 5	M	...
...	11·849	+43·359	− 4	M	...
611					
...	−11·832	−29·944	− 5	...	...
...	11·803	+50·093	− 5	...	...
*	11·714	−43·466	1·00	46.7984	9·7
...	11·681	−45·229	− 5	...	...
...	11·675	− 7·152	− 3	...	...
...	−11·629	+29·650	− 4	...	...
...	11·612	−19·433	− 3	...	...
...	11·553	+34·486	− 3	...	...
...	11·548	−52·240	− 5	...	...
*	11·395	+17·712	0·75	45.7919	10·0
621					
...	−11·300	−23·449	− 5	...	...
...	11·290	+55·204	− 5	M	...
...	11·263	+ 2·221	− 5	M	...
...	11·256	−31·918	− 3	...	...
...	11·225	+ 5·329	− 5	M	...
...	−11·055	+ 1·485	0·80	...	...
...	10·964	−34·159	− 5	...	...
...	10·899	−42·594	− 3	...	...
...	10·852	−19·224	− 5	...	...
...	10·743	+27·112	− 5	M	...
631					
...	−10·631	−58·410	− 5	...	...
*	10·603	−43·943	1·00	46.7985	9·6
...	10·480	−35·328	− 5	...	...
...	10·447	−58·821	− 1	...	...
...	10·405	+25·554	− 3	...	...
...	−10·371	+ 6·245	− 5	M	...
...	10·321	+31·972	− 3	...	...
†	10·302	−12·456	− 4	...	...
...	10·145	− 3·442	− 5	...	...
...	10·122	−37·859	0·65	...	...
641					
...	−10·104	+ 8.504	− 5	M	...
...	10·014	+11·907	− 5	M	...
...	9·967	−14·575	− 4	...	...
...	9·926	+58·146	0·65	...	...
...	9·745	−41·532	− 2	...	...
...	− 9·603	+26·846	− 3	B	...
*	9·523	+ 2·986	1·10	45.7920	9·6
...	9·478	−35·495	0·75	...	...
...	9·443	−40·861	− 2	...	...
...	9·419	−55·123	0·65	...	...
651					
...	− 9·400	−41·424	− 2	...	...
...	9·389	+29·029	0·65	...	...
...	9·358	+52·299	− 5	M	...
...	9·294	+ 7·336	− 3	...	...
S *	9·167	+26·281	2·45	45.7921	8·5
...	− 9·109	−43·267	− 3	...	...
...	8·792	+34·432	− 4	M	...
...	8·722	+27·254	− 1	A	...
*	8·653	−45·820	0·95	46.7987	10·0
...	8·584	−57·815	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
661–720					
661					
...	− 8·466	+ 7·164	− 5	M	...
...	8·312	+39·485	− 2	B	...
...	8·206	+39·781	− 5	M	...
...	8·143	−48·201	− 1	...	...
...	8·081	−47·905	− 5	...	...
...	− 7·936	−56·998	− 4	...	...
...	7·795	+54·923	0·65	...	...
...	7·763	+18·064	0·90	45.7922	10·0
...	7·723	+36·967	− 1	...	...
...	7·668	+ 2·763	− 2	...	...
671					
...	− 7·491	−23·016	− 5	...	...
...	7·474	−29·228	0·75	...	...
...	7·260	− 7·066	− 5	...	...
...	7·236	− 5·243	− 4	...	...
...	7·213	−37·499	0·65	...	...
*	− 7·194	− 8·248	1·20	46.7988	9·4
...	7·034	+36·112	− 2	...	...
...	7·003	−30·949	− 2	...	...
...	6·995	+45·107	− 2	M	...
...	6·994	+24·403	0·75	...	...
681					
αm *	− 6·979	+ 0·428	1·10	45.7923	9·8
*	6·962	+33·501	1·50	45.7924	9·4
...	6·839	−35·192	− 2	...	...
...	6·798	+40·552	− 4	M	...
...	6·732	− 2·323	− 5	M m	...
...	− 6·717	+45·428	0·65	...	...
...	6·675	−34·994	− 2	...	...
*	6·553	−31·169	0·95	46.7989	9·8
...	6·523	−21·630	− 2	...	...
...	6·482	−38·903	− 2	...	...
691					
†	− 6·227	−29·837	− 2	...	...
...	6·085	+ 9·886	− 1	...	...
...	6·007	+42·591	− 3	...	...
*	5·989	−56·718	1·30	46.7990	9·4
*	5·847	−46·512	1·10	46.7991	9·4
...	− 5·747	+15·520	− 3	M	...
...	5·598	− 2·921	0·75	...	...
...	5·554	− 2·881	− 5	M m	...
...	5·303	+36·478	− 3	...	...
...	5·140	−48·419	− 5	...	...
701					
...	− 5·138	−42·299	− 5	...	...
*	5·052	−55·369	1·10	46.7992	9·7
...	4·719	+30·502	− 5	M	...
*	4·697	+26·856	1·00	45.7925	9·7
†	4·696	−24·786	− 3	...	...
...	− 4·640	+44·708	− 4	...	...
...	4·578	+ 1·966	− 5	M	...
...	4·457	−47·779	− 5	...	...
...	4·448	−26·827	− 3	...	...
...	4·350	−10·651	− 5	...	...
711					
*	− 4·345	−55·219	1·00	46.7993	10·0
...	4·155	+ 6·652	− 5	M	...
...	4·122	−50·364	− 3	...	...
...	4·019	+40·600	− 4	M	...
...	4·000	− 0·521	− 1	45.7926	10·0
...	− 3·988	+38·508	− 4	...	...
...	3·986	+57·847	− 4	...	...
...	3·985	−44·390	− 5	...	...
...	3·917	−57·413	− 5	...	...
...	3·820	+43·293	− 5	M	...

599. Partly obscured by fault.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
721–780					
721				°	
...	− 3′783	−11′362	0·70	...	...
...	3·739	+39·461	− 4	...	...
...	3·556	−41·420	− 5	...	...
†	3·475	−49·722	− 3	...	...
*	3·431	−38·768	0·85	46.7994	9·8
...	− 3·407	−23·215	− 5	...	...
...	3·391	−13·019	0·70	46.7995	9·5
...	3·358	−12·919	0·70		
...	3·213	−44·095	− 3	...	...
*	2·855	−44·455	0·80	46.7996	10·0
731					
*	− 2·774	− 3·937	1·10	46.7997	9·4
...	2·756	−41·577	− 5	...	...
...	2·693	− 0·858	− 5	M *m*	...
...	2·567	+43·993	− 2	...	...
...	2·483	+30·759	− 3	...	...
*	− 2·302	−45·094	0·80	46.7999	10·0
...	2·142	−33·055	− 3	...	...
*	2·120	−11·565	1·10	46.8000	9·5
...	2·108	+ 4·675	0·80	45.7927	10·0
...	2·062	−25·591	− 3	...	...
741					
...	− 1·993	−19·926	− 3	...	...
*	1·960	+18·828	0·80	45.7928	10·0
...	1·815	−20·562	− 5	...	...
...	1·812	+56·099	− 4	M	...
...	1·810	−30·880	− 4	...	...
...	− 1·336	−35·065	− 5	...	...
...	1·330	−39·573	− 5	...	...
...	1·310	+58·331	0·70	...	...
...	1·283	+24·776	− 5	...	...
...	1·263	−20·975	− 5	...	...
751					
...	− 1·218	+40·400	− 5	M	...
...	1·211	−53·973	− 4	...	...
...	1·074	+ 3·479	− 4	M	...
...	1·061	+ 9·053	− 5	M	...
...	0·742	+ 5·535	− 4	M	...
...	− 0·741	−41·727	− 5	...	...
...	0·735	+57·770	− 4	...	...
*	0·700	−41·048	1·10	46.8001	9·4
...	0·698	−18·592	− 3	...	...
*	0·681	+55·494	1·05	45.7929	9·6
761					
...	− 0·654	+48·468	− 5	M	...
...	0·581	+53·599	− 5	M	...
...	0·545	+37·022	− 4	M	...
...	0·485	+26·813	− 5	M	...
...	0·460	−51·627	− 5	...	...
...	− 0·454	−21·105	− 5	...	...
...	0·446	−56·257	− 3	...	...
...	0·425	−16·163	− 5	...	...
†	0·203	+55·970	− 3	...	...
†	0·188	+59·933	0·70	...	...
771					
...	− 0·168	+20·684	− 4	M	...
...	0·134	− 8·696	− 5	...	...
...	0·117	+33·368	0·80	...	...
...	− 0·045	−32·184	− 5	...	...
...	+ 0·052	+18·651	− 5	M	...
*	+ 0·132	+26·926	0·80	...	...
...	0·144	+35·706	− 3	M	...
...	0·155	+ 9·179	− 2	M	...
...	0·177	+41·726	− 3	M	...
...	0·202	−46·223	− 3	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
781–840					
781				°	
...	+ 0′213	−20′089	− 3	...	...
*	0·218	+ 4·653	1·00	45.7930	10·0
...	0·234	− 7·043	− 4	...	...
...	0·266	+32·166	− 5	M	...
...	0·368	+35·898	− 3	M	...
...	+ 0·381	−23·080	− 3	...	...
...	0·419	+38·643	− 4	M	...
...	0·573	−19·123	0·70	...	...
...	0·607	− 1·797	0·65	...	...
...	0·928	+ 6·254	− 3	M	...
791					
...	+ 1·004	+59·296	− 5	M	...
...	1·041	+ 1·794	− 5	M *a*	...
*	1·101	+ 1·595	2·00	45.7931	8·6
...	1·153	− 6·121	− 5	M	...
...	1·256	−48·390	− 4	...	...
...	+ 1·276	+ 4·597	− 3	M	...
...	1·278	−56·180	− 3	...	...
...	1·348	−47·030	0·85	...	...
...	1·924	+22·350	− 5	M	...
...	2·001	+ 0·953	− 1	...	...
801					
...	+ 2·092	−28·602	− 3	...	...
...	2·209	+ 4·834	− 3	M	...
...	2·311	+58·903	− 1	...	...
...	2·444	+48·924	− 3	...	...
...	2·657	+26·651	− 3	M	...
...	+ 2·657	−10·469	− 5	...	...
*	2·808	+30·982	0·95	45.7932	10·0
...	2·832	+37·190	− 4	M	...
...	2·974	+13·621	0·65	...	...
†	3·015	+45·054	− 2	...	...
811					
...	+ 3·026	+23·882	− 5	M	...
...	3·165	−50·380	− 2	...	...
...	3·169	+33·120	− 3	B	...
*	3·172	−26·430	0·85	...	...
...	3·184	−17·750	− 5	...	...
...	+ 3·390	+12·839	0·65	...	...
...	3·406	−23·794	− 2	...	...
...	3·448	+46·827	− 3	M	...
*	3·451	+15·536	1·15	45.7933	9·8
...	3·583	+30·680	− 5	M	...
821					
...	+ 3·591	−12·338	0·65	...	...
...	3·610	− 6·114	− 4	...	...
...	3·642	− 5·239	− 4	...	...
...	3·711	− 6·827	− 5	M *m*	...
...	3·722	−28·491	− 3	...	...
...	+ 3·733	+ 5·468	− 1	M	...
...	3·989	−38·509	− 4	...	...
*	3·992	+43·209	0·85	...	...
...	4·007	−57·889	− 5	...	...
...	4·025	−42·105	0·65	...	...
831					
...	+ 4·035	−56·431	0·75	...	...
...	4·061	+13·591	0·85	...	...
...	4·110	−58·856	− 1	...	...
...	4·122	−16·843	− 4	...	...
...	4·202	+19·634	0·80	...	...
...	+ 4·450	+32·208	− 4	M	...
...	4·514	+17·057	− 4	M	...
...	4·643	+14·631	− 3	...	...
†	4·716	− 2·381	− 5	...	...
...	5·033	−34·137	− 3	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
841–900					
841				°	
...	+ 5′072	+42′759	− 4	...	...
*	5·146	−46·058	0·75	46.8002	10·0
*	5·219	+48·144	0·80	...	...
...	5·365	+48·572	− 3	...	...
...	5·416	−17·431	− 5	...	...
...	+ 5·549	+ 1·729	− 5	M	...
†	5·634	+35·065	0·65	...	...
...	5·722	+36·648	− 5	M	...
...	5·936	−34·334	− 3	...	...
...	6·025	+19·009	− 5	M	...
851					
...	+ 6·052	+18·590	− 4	...	...
...	6·092	−53·105	− 5	...	...
...	6·107	−48·679	0·80	...	...
...	6·139	+53·875	− 1	...	...
...	6·239	+20·984	− 5	M	...
...	+ 6·348	−43·611	− 3	...	...
...	6·370	−41·188	− 5	...	...
...	6·454	−12·771	− 4	...	...
...	6·546	+45·836	− 3	...	...
*	6·774	+43·106	1·10	45.7934	9·4
861					
...	+ 6·783	−51·084	− 3	...	...
...	6·995	+16·571	− 2	...	...
...	7·015	+21·338	− 3	...	...
...	7·049	−53·868	− 5	...	...
...	7·229	− 6·467	0·80	46.8003	10·0
...	+ 7·447	+51·092	− 5	...	...
...	7·501	+26·496	− 4	...	...
...	7·657	−58·741	− 5	...	...
...	7·678	+45·321	− 5	...	...
...	7·722	−48·643	− 2	...	...
871					
*	+ 7·773	− 1·452	2·80	45.7935	8·1
...	7·781	+ 7·745	− 1	...	...
...	7·796	−52·772	− 3	...	...
S *	7·870	+25·731	1·20	45.7936	9·4
...	7·896	+37·560	− 5	...	...
...	+ 8·096	−36·316	0·75	...	...
...	8·133	−28·419	− 5	M	...
...	8·136	−43·684	− 5	...	...
...	8·202	+16·357	0·75	45.7937	10·0
...	8·399	+47·746	− 3	...	...
881					
...	+ 8·477	−14·233	− 5	...	...
...	8·561	+23·516	− 5	...	...
...	8·653	−24·947	− 5	...	...
...	8·715	+29·845	− 4	...	...
*	8·757	−40·516	1·20	46.8004	9·4
...	+ 8·795	+ 7·044	− 2	...	...
...	8·917	+54·374	− 5	...	...
*	9·059	+44·054	0·95	45.7938	9·8
...	9·096	+25·144	− 4	...	...
...	9·222	+ 5·010	− 4	...	...
891					
α*	+ 9·240	+ 0·280	1·05	45.7939	9·6
...	9·309	− 2·607	− 4	...	...
...	9·311	+47·729	− 4	...	...
...	9·523	−54·008	− 1	...	...
*	9·560	−29·566	0·75	46.8005	10·0
...	+ 9·600	−25·620	− 5	...	...
‡	9·702	−23·875	0·95	46.8006	10·0
‡	9·735	+30·293	1·20	45.7940	9·6
...	9·780	−10·342	0·90	46.8007	10·0
...	9·857	+16·808	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
901–960					
901					
...	+ 9·880	−29·085	− 2	...	...
*	9·989	+36·215	1·00	45.7941	9·8
*	10·022	−52·551	1·00	46.8008	10·0
...	10·041	+21·198	− 3	...	...
...	10·165	+44·900	− 2	...	...
...	+10·263	+33·772	− 5	...	...
...	10·374	+ 9·060	− 1	...	...
*	10·427	−35·424	1·40	46.8010	9·2
*	10·432	−28·560	0·90	46.8009	9·8
...	10·446	+24·545	− 2	...	...
911					
...	+10·452	+58·979	− 5	...	...
*	10·510	+45·228	1·00	45.7942	9·8
...	10·520	+21·536	− 4	...	...
...	10·524	−44·063	0·70	...	...
*	10·604	−36·135	1·05	46.8011	9·5
...	+10·654	−14·109	− 3	...	...
S *	10·749	− 5·602	2·80	46.8013	8·0
*	10·823	−44·545	1·10	46.8012	9·2
...	10·948	+23·240	0·70	...	...
...	11·030	+48·304	− 2	...	...
921					
...	+11·085	+48·740	− 2	...	...
*	11·191	+40·843	1·00	45.7943	9·8
...	11·264	−38·079	− 2	...	...
...	11·285	+29·825	− 4	...	...
...	11·314	−17·022	− 4	...	...
...	+11·327	+43·745	− 5	...	...
...	11·342	+20·668	0·85	...	...
...	11·496	+56·888	− 5	...	...
...	11·618	−22·180	− 5	...	...
...	11·696	+24·174	− 3	...	...
931					
...	+12·022	+43·276	− 5	...	...
...	12·027	−58·393	− 3	...	...
...	12·093	−51·003	− 4	...	...
...	12·097	−50·186	− 4	...	...
*	12·184	−57·443	1·05	46.8014	9·8
...	+12·211	−50·532	− 4	...	...
N	12·483	−24·119	− 3	*a*	...
...	12·624	−41·125	− 5	...	...
...	12·630	+26·532	− 5	...	...
...	12·989	+42·379	− 2	...	...
941					
...	+13·023	+54·222	− 5	...	...
...	13·108	−25·766	− 4	...	...
*	13·157	−45·414	0·95	46.8015	10·0
...	13·201	−19·518	− 3	...	...
*	13·427	−39·574	1·10	46.8016	9·4
...	+13·457	−18·856	− 1	...	...
...	13·512	+ 6·035	− 3	...	...
...	13·642	−59·267	− 1	...	...
*	13·648	+ 9·253	1·30	45.7944	9·5
...	13·789	− 2·011	0·80	...	...
951					
...	+13·793	−52·249	− 4	...	...
...	13·812	−53·929	− 1	...	...
...	13·866	−23·750	− 3	...	...
...	14·006	−44·226	− 2	...	...
...	14·052	−22·498	− 5	...	...
...	+14·252	−21·460	− 5	...	...
...	14·327	+27·739	− 3	...	...
S *	14·404	−47·355	2·40	46.8018	7·9
*	14·409	+30·911	0·85	...	...
...	14·429	−23·366	− 4	...	...
961–1020					
961					
...	+14·451	−38·151	− 2	...	...
...	14·476	+ 5·700	− 1	...	...
...	14·526	+ 6·320	0·90	45.7945	10·0
...	14·607	+19·697	0·90	45.7946	10·0
...	14·695	−54·459	− 4	...	...
...	+15·085	+25·334	0·80	45.7947	10·0
...	15·251	+32·815	− 3	...	...
...	15·251	+18·946	− 5	...	...
...	15·271	+52·499	− 2	...	...
...	15·308	+18·235	− 2	...	...
971					
*	+15·354	+ 7·609	1·05	45.7948	10·0
...	15·394	−33·524	− 5	...	...
*	15·541	−34·171	1·05	46.8019	9·4
...	15·557	+10·763	− 1	...	...
...	15·557	+ 3·704	− 5	...	...
...	+15·897	−20·395	− 4	...	...
*	16·162	−56·656	1·35	46.8020	9·2
...	16·186	+32·662	− 3	...	...
...	16·343	+42·011	− 2	...	...
...	16·375	+16·576	− 2	...	...
981					
...	+16·752	−26·493	− 5	*a*	...
...	16·765	−25·528	− 5	...	...
...	16·884	−46·209	− 5	...	...
...	16·925	−24·598	− 4	...	...
...	16·956	+28·543	− 3	...	...
...	+16·990	+13·464	− 5	...	...
...	17·093	+41·480	− 2	...	...
...	17·198	+59·403	0·80	44.7908	10·0
...	17·257	+23·916	0·75	...	...
*	17·392	+46·960	1·00	45.7949	9·8
991					
...	+17·497	+ 0·627	− 5	...	...
...	17·534	+18·026	− 2	...	...
...	17·616	+ 8·057	− 5	...	...
...	17·616	−40·212	− 3	...	...
...	17·630	−27·284	− 5	...	...
*	+17·744	+27·928	1·30	45.7950	9·4
...	17·745	+23·100	− 5	...	...
...	17·768	+ 1·932	− 5	...	...
...	17·829	+36·045	− 3	...	...
...	17·977	−34·343	− 4	...	...
1001					
...	+18·043	+34·291	− 4	...	...
*	18·075	+ 7·156	1·30	45.7952	9·4
*	18·131	+44·005	0·80	45.7951	10·0
†	18·461	−29·793	− 4	...	...
...	18·473	+36·299	− 3	...	...
...	+18·481	+34·386	− 5	...	...
...	18·481	+20·678	0·70	...	...
...	18·518	− 5·227	− 5	...	...
†	18·623	+ 5·078	− 5	...	...
...	18·641	−21·708	− 5	...	...
1011					
*	+18·809	+14·522	0·90	45.7954	9·6
...	18·810	−54·005	− 1	...	...
...	18·840	+ 0·292	− 5	*m*	...
*	18·868	+37·269	1·70	45.7953	9·0
...	18·882	−42·161	0·70	...	...
...	+18·916	−32·512	− 4	...	...
...	18·976	+42·779	− 2	...	...
...	18·997	−32·447	− 5	...	...
...	19·007	−50·099	0·75	...	...
...	19·077	+36·833	− 5	...	...
1021–1080					
1021					
...	+19·085	+ 2·117	− 4	...	...
...	19·202	+25·515	− 5	...	...
...	19·226	+53·341	− 5	...	...
...	19·273	+43·794	− 4	...	...
. .	19·298	−46·047	− 5	...	...
...	+19·497	+56·800	− 5	...	...
‡	19·646	−53·867	1.30	46.8021	9.0
†	19·665	+48·303	− 5	...	...
...	19·959	−35·542	0·65	...	...
*	20·005	−31·408	0·90	...	...
1031					
...	+20·009	+45·219	0·80	...	...
...	20·064	+39·724	− 5	...	...
*	20·093	+41·612	1·00	45.7955	9·8
...	20·131	−56·664	− 2	...	...
*	20·152	+34·376	1·00	45.7956	9·7
...	+20·272	−53·411	− 5	...	...
†	20·274	−24·804	− 2	...	...
...	20·404	+33·319	0·80	...	...
S *	20·590	+40·905	1·40	45.7957	9·0
*	20·951	−12·768	0·95	46.8022	10·0
1041					
...	+20·958	−45·963	− 5	...	...
*	20·997	+55·964	0·80	45.7958	10·0
...	21·140	−46·000	− 3	...	...
...	21·329	+43·084	− 3	...	...
...	21·347	−33·191	− 3	...	...
...	+21·599	− 9·712	− 4	...	...
...	21·642	−10·762	− 5	...	...
...	21·649	+57·052	− 5	...	...
*	21·698	+17·342	1·15	45.7959	9·6
...	21·699	+12·868	0·65	...	...
1051					
...	+21·801	+10·609	− 3	...	...
...	21·828	+31·880	− 5	...	...
...	21·845	+36·444	0·80	...	...
*	21·849	+34·578	1·15	45.7960	9·3
...	21·881	−32·037	− 5	...	...
...	+21·951	−47·171	− 5	...	...
...	22·277	+41·600	0·65	...	...
...	22·471	−44·150	− 4	...	...
*	22·523	+14·477	1·05	45.7961	9·4
...	22·592	−27·284	− 3	...	...
1061					
...	+22·657	+ 8·219	0·65	...	...
*	22·669	− 1·666	0·75	...	...
*	22·767	− 0·081	0·75	α	...
*	22·795	−38·928	1·25	46.8023	9·3
...	22·814	+50·156	− 4	...	...
...	+22·958	+12·026	0·65	...	...
*	22·972	+56·884	1·25	44.7915	9·4
...	23·000	−34·095	− 3	...	...
*	23·124	− 2·379	2·20	45.7962	8·2
...	23·243	+27·712	− 4	...	...
1071					
...	+23·257	+28·807	0·70	...	...
...	23·410	− 3·607	0·75	...	...
*	23·488	−12·311	1·05	46.8024	9·7
...	23·528	+23·117	− 4	...	...
...	23·610	−34·199	− 1	...	...
...	+23·706	− 9·230	− 5	...	...
...	23·709	−20·992	− 1	...	...
...	23·832	−38·007	− 2	...	...
...	23·909	−51·723	− 5	...	...
...	23·961	+55·082	0·75	45.7963	10·0

937. 1st image obscured by fault.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
1081–1140					
1081	′	′		°	
...	+24·007	−24·403	− 4	...	...
*	24·008	+36·910	0·85	45.7964	10·0
...	24·055	+36·843	− 4	...	...
...	24·131	+14·167	− 2	...	...
*	24·254	+24·891	1·05	45.7965	9·8
...	+24·493	+ 0·332	0·65	α	...
‡	24·569	−35·588	1·20	46.8025	9·8
*	24·801	+24·214	0·95	45.7966	9·7
...	25·084	+23·435	− 4	...	...
...	25·116	+19·476	− 3	...	...
1091					
...	+25·361	+49·235	0·80	45.7967	10·0
...	25·380	−35·216	− 4	...	...
...	25·425	+36·481	− 4	...	...
...	25·457	+ 0·468	− 5	...	...
...	25·483	−13·170	− 5	...	...
...	+25·484	−13·107	− 5	*a*	...
*	25·493	−24·961	0·85	46.8026	10·0
...	25·514	−43·123	− 2	...	...
...	25·551	−19·458	0·65	...	...
‡	25·568	+29·995	0·95	45.7968	9·6
1101					
*	+25·597	− 1·354	5·00	45.7969	6·8
...	25·662	+ 6·906	− 3	...	...
...	25·812	−24·652	− 4	...	...
...	25·873	+18·446	− 1	...	...
...	25·896	+52·761	− 3	...	...
...	+25·923	−46·470	− 5	...	...
...	25·928	−20·980	− 5	...	...
...	26·064	−41·834	− 5	...	...
...	26·170	+23·666	− 5	...	...
...	26·190	+41·544	− 5	...	...
1111					
...	+26·223	−58·188	− 4	...	...
...	26·354	−43·945	− 2	...	...
...	26·436	−53·478	0·80	...	...
*	26·490	+14·439	1·05	45.7970	9·4
...	26·578	+47·780	− 4	...	...
...	+26·620	−58·064	− 5	...	...
...	26·625	−46·944	− 2	...	...
...	26·975	−47·376	− 3	...	...
...	27·032	−22·386	− 5	...	...
*	27·200	−30·636	1·15	46.8027	9·2
1121					
*	+27·400	−39·029	1·05	46.8028	9·5
...	27·453	+11·971	0·70	45.7972	10·0
...	27·482	+38·301	0·80	45.7971	10·0
...	27·528	+54·291	− 3	...	...
...	27·530	−34·517	− 5	...	...
...	+27·718	−28·451	− 3	...	...
...	27·796	+42·708	− 5	...	...
†	27·858	+30·080	− 5	...	...
...	27·999	+41·183	− 5	...	...
...	28·019	− 9·139	− 1	46.8029	10·0
1131					
...	+28·109	−11·273	− 5	...	...
...	28·142	+44·841	− 3	...	...
...	28·229	−42·545	− 3	...	...
...	28·525	− 7·529	− 5	...	...
*	28·567	−56·630	1·70	46.8030	9·0
...	+28·635	−40·839	− 4	...	...
...	28·660	−36·936	− 5	...	...
...	28·703	−53·819	− 3	...	...
...	28·714	−11·553	− 1	...	...
...	28·812	−17·339	− 3	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
1141–1200					
1141	′	′		°	
...	+28·919	−25·899	− 3	...	...
...	28·923	+39·490	0·75	...	...
...	28·923	−52·515	− 2	...	...
...	28·943	+32·686	− 1	...	...
...	28·957	− 5·040	− 5	...	...
...	+29·305	+33·303	− 5	...	...
...	29·776	−17·854	− 5	...	...
*	29·834	+57·715	1·30	44.7926	9·2
...	29·883	+37·800	− 4	...	...
...	29·930	− 6·887	− 3	...	...
1151					
*	+30·191	+15·778	1·10	45.7973	9·6
†	30·478	−39·829	− 3	...	...
*	30·651	+19·105	0·95	...	...
...	30·707	+47·250	− 4	...	...
*	30·896	+28·666	0·90	...	...
...	+30·944	+30·572	− 1	...	...
...	30·992	−13·158	0·85	...	...
...	31·242	−27·071	− 5	...	...
...	31·324	−16·090	− 2	...	...
...	31·332	+12·753	0·65	...	...
1161					
*	+31·459	+52·817	1·40	45.7974	9·2
...	31·529	−29·990	− 3	...	...
...	31·595	− 7·822	− 5	*m*	...
...	31·624	− 0·524	− 2	...	...
...	31·722	−16·414	− 3	...	...
...	+31·729	+29·907	− 3	...	...
...	31·905	−38·919	− 2	...	...
...	31·969	−45·610	− 1	...	...
...	32·062	+41·450	− 5	...	...
...	32·080	−37·776	− 3	...	...
1171					
*	+32·146	− 3·666	0·90	46.8031	10·0
*	32·591	−57·486	1·20	46.8033	8·8
*	32·763	−57·359	1·60		
‡	32·874	+30·006	1·10	45.7975	9·6
*	32·961	−10·298	0·95	46.8032	9·8
*	+33·344	+23·280	1·00	45.7976	9·7
...	33·427	− 7·064	− 2	...	...
...	33·537	−25·839	0·70	...	...
...	33·545	−16·385	− 3	...	...
...	33·601	− 9·068	− 5	...	...
1181					
...	+33·669	+ 0·504	− 5	...	...
...	33·689	+55·540	0·95	...	...
...	33·689	+54·179	0·65	...	...
...	33·741	+21·562	− 3	...	...
...	33·847	+36·143	− 4	...	...
...	+34·066	−39·557	0·80	...	...
...	34·071	+58·211	0·80	...	...
...	34·115	−42·689	− 5	...	...
...	34·355	+24·829	− 5	...	...
...	34·542	+15·888	− 4	...	...
1191					
†	+34·610	+23·576	− 2	...	...
...	34·993	+52·167	− 5	...	...
...	35·072	−27·336	− 5	...	...
...	35·115	−41·512	0·65	...	...
‡	35·454	+44·999	0·85	45.7977	9·7
...	+35·932	+17·716	− 5	...	...
*	35·936	−22·811	1·05	46.8035	9·6
...	35·972	+28·429	− 5	...	...
...	36·078	+35·174	− 5	...	...
...	36·297	−53·857	0·85	46.8036	10·0

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
1201–1260					
1201	′	′		°	
...	+36·462	−31·885	− 4	...	...
...	36·601	−12·902	− 5	...	...
...	36·620	−22·167	− 4	...	...
*	36·770	+45·560	0·85	45.7978	9·8
...	36·862	−16·437	− 5	...	...
...	+36·920	+59·578	− 4	...	...
...	36·926	−28·109	− 5	...	...
...	37·155	+26·126	− 3	...	...
...	37·179	−40·836	0·65	46.8037	10·0
S *	37·201	+ 6·650	1·23	45.7979	9·2
1211					
...	+37·349	−45·918	− 3	...	...
...	37·371	−14·376	− 3	...	...
...	37·585	+25·815	− 5	...	...
...	37·620	+41·745	− 4	...	...
...	37·724	−26·772	− 5	...	...
...	+37·759	−26·868	− 5	...	...
...	37·784	−46·653	− 5	...	...
...	38·359	+41·019	− 3	...	...
...	38·403	+ 9·464	− 3	...	...
...	38·411	−54·345	− 5	*m*	...
1221					
...	+38·447	−31·696	− 5	...	...
...	38·468	−26·369	− 3	...	...
...	38·581	+38·485	− 5	...	...
...	38·864	+33·679	− 5	...	...
...	38·911	+43·278	− 5	...	...
...	+39·070	− 6·788	− 4	...	...
...	39·098	+ 4·752	− 5	...	...
S * [	39·164	−15·846	2·65	46.8038	7·9
... [	39·290	−15·805	0·70	...	...
...	39·216	− 9·615	− 5	...	...
1231					
...	+39·286	−18·629	− 4	...	...
...	39·322	−21·401	− 4	*a*	...
...	39·382	−30·522	− 4	...	...
‡	39·383	−19·874	0·80	46.8039	10·0
*	39·462	−38·522	1·10	46.8040	9·4
...	+39·485	+32·684	− 3	...	...
...	39·734	+ 0·572	− 2	...	...
...	39·779	−33·651	0·80	...	...
...	40·122	+31·030	− 5	...	...
...	40·165	−28·091	− 2	...	...
1241					
*	+40·438	− 3·364	1·10	45.7980	9·5
†	40·444	−14·840	− 3	...	...
...	40·538	− 9·155	0·65	...	...
...	40·609	−23·452	− 2	...	...
...	40·689	−16·100	− 5	...	...
...	+40·704	+39·853	− 1	...	...
...	40·998	−10·700	− 5	...	...
...	41·046	−52·830	− 3	...	...
*	41·074	+43·380	1·00	45.7981	10·0
...	41·142	+18·007	− 2	...	...
1251					
*	+41·175	−48·717	1·00	46.8041	10·0
...	41·228	−22·310	− 5	...	...
...	41·238	−23·161	− 2	...	...
†	41·255	−44·800	0·65	...	...
...	41·264	−30·708	− 5	...	...
...	+41·381	+25·278	0·65	...	...
...	41·460	+ 6·763	− 5	...	...
...	41·548	−16·262	− 3	...	...
...	41·564	−22·518	− 5	...	...
...	41·629	−19·138	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
1261–1320					
1261					
...	+41·670	+36·005	− 5	...	...
...	41·672	+ 6·329	0·75	...	...
...	41·766	−38·772	0·65	...	...
...	41·877	+58·718	− 1	...	...
...	42·078	+10·886	0·75	...	...
...	+42·283	+45·108	0·65	...	...
...	42·378	− 3·842	− 2	...	...
...	42·467	−33·573	0·80	...	...
*	42·623	+20·803	1·10	45.7982	9·4
...	42·639	−50·651	− 2	...	...
1271					
*	+42·665	+34·539	0·85	...	...
*	42·821	−19·465	0·95	46.8042	9·8
*	42·989	− 1·755	1·80	45.7983	8·6
...	43·220	+29·496	− 2	...	...
*	43·229	−25·671	0·85	...	...
...	+43·267	−28·102	0·65	...	...
*	43·326	− 5·171	1·20	46.8043	9·4
...	43·342	−13·319	− 3	...	...
...	43·467	+28·012	− 5	...	...
*	43·472	−50·817	1·20	46.8044	9·6
1281					
...	+43·529	+31·879	0·70	...	...
*	43·608	+12·846	0·95	...	...
...	43·629	−44·505	− 3	...	...
...	43·647	+26·968	− 5	...	...
...	43·751	+25·778	− 4	...	...
...	+43·769	+24·343	0·70	...	...
...	43·910	+17·357	− 2	...	...
*	43·921	+53·256	1·10	...	...
...	43·967	−21·116	− 5	...	...
...	44·073	+52·387	− 3	...	...
1291					
...	+44·162	−13·496	− 2	...	...
...	44·199	−35·409	− 3	*e*	...
...	44·214	−25·591	− 3	...	...
...	44·294	−18·745	− 4	...	...
*	44·341	+21·452	1·00	45.7984	9·5
...	+44·525	+18·005	− 3	...	...
†	44·545	−31·323	− 2	...	...
‡	44·562	+ 2·233	1·15	45.7985	9·4
...	44·698	−56·046	− 5	...	...
...	44·752	+17·201	− 5	...	...
1301					
...	+44·775	−17·695	− 3	...	...
...	44·917	+48·355	− 5	...	...
...	44·965	− 2·831	− 5	...	...
...	45·128	−30·782	− 5	...	...
...	45·221	− 3·698	− 1	...	...
...	+45·340	+14·978	− 3	...	...
...	45·498	+13·246	− 5	...	...
...	45·684	−51·857	− 1	...	...
...	45·691	+15·836	− 3	...	...
...	45·811	−25·100	− 5	...	...
1311					
...	+46·111	−15·635	− 2	...	...
...	46·231	− 1·290	− 5	...	...
...	46·382	+43·295	− 4	...	...
...	46·453	−32·237	− 3	...	...
...	46·712	+55·922	− 3	...	...
*	+46·842	+32·377	0·95	45.7986	9·6
...	46·895	−41·680	− 1	...	...
...	47·040	−25·525	− 5	...	...
...	47·058	+36·775	− 4	...	...
...	47·195	+48·752	− 5	...	...
1321–1380					
1321					
...	+47·363	+37·971	0·80	45.7987	10·0
...	47·397	−52·126	− 4	...	...
...	47·445	− 4·558	− 5	...	...
...	47·547	+22·835	− 3	...	...
...	47·783	−12·100	0·65	46.8045	10·0
...	+48·137	+53·145	0·65	...	...
...	48·203	+ 0·767	− 5	...	...
...	48·323	−28·500	− 3	...	...
...	48·344	+53·530	− 5	...	...
...	48·347	−26·855	− 4	...	...
1331					
...	+48·429	+31·424	− 4	...	...
...	48·455	−35·407	− 4	...	...
...	48·734	− 0·808	− 5	*m*	...
...	48·793	+17·578	− 5	...	...
...	48·880	−57·689	0·80	...	...
...	+48·883	−28·055	− 5	...	...
*	48·957	+ 5·942	1·00	45.7988	9·5
*	49·017	−22·862	1·05	46.8046	9·7
...	49·057	− 4·099	− 4	...	...
...	49·214	−11·784	− 3	...	...
1341					
* [	+49·422	−28·010	1·80	46.8047	8·6
...	49·469	−12·801	− 5	...	...
...	49·696	+ 4·298	− 5	...	...
...	50·127	− 7·342	− 3	...	...
...	50·142	+10·820	0·70	...	...
*	+50·194	−54·540	1·30	46.8048	9·5
...	50·209	+55·964	− 5	...	...
...	50·325	+23·664	0·75	...	...
*	50·375	− 7·670	0·90	...	...
...	50·577	+ 4·245	− 3	...	...
1351					
...	+50·644	−20·219	0·70	...	...
...	50·644	−45·824	− 5	...	...
...	50·863	+21·152	− 3	...	...
...	50·964	−18·394	0·75	...	...
*	50·975	−16·010	2·10	46.8049	8·6
...	+51·120	−14·475	0·80	...	...
...	51·178	+18·813	− 5	...	...
*	51·395	+18·605	0·85	...	...
...	51·521	+49·655	− 5	...	...
...	51·597	−18·523	0·75	...	...
1361					
...	+51·605	+10·008	− 3	...	...
...	51·636	+ 7·132	− 5	...	...
...	51·642	+23·200	− 4	...	...
...	51·665	−15·765	0·65	...	...
...	51·683	+21·784	− 3	...	...
...	+51·730	+21·609	− 3	...	...
...	51·741	−53·221	− 4	...	...
*	51·757	+ 6·119	1·00	45.7989	9·7
*	51·981	+ 4·759	1·10	45.7990	9·4
...	51·995	− 2·302	− 2	...	...
1371					
...	+52·008	+22·506	− 3	...	...
...	52·046	+42·890	− 4	...	...
...	52·091	+17·906	− 2	...	...
...	52·175	−43·585	− 1	...	...
...	52·181	+13·141	− 2	...	...
...	+52·225	+30·099	− 1	...	...
*	52·256	+ 5·343	1·40	45.7991	9·0
...	52·515	+ 4·216	0·65	...	...
*	52·549	+ 4·814	0·95	45.7993	10·0
†	52·564	+10·093	− 2	...	...
1381–1440					
1381					
...	+52·668	− 7·557	− 4	...	...
...	52·777	+12·043	− 2	...	...
...	52·831	− 9·654	− 3	...	...
...	52·847	− 7·802	− 5	*m*	...
...	52·866	+11·982	− 5	...	...
...	+52·921	+ 6·675	− 2	...	...
*	53·020	+31·952	1·10	45.7992	9·6
*	53·048	+48·742	0·90	...	...
...	53·154	− 1·495	− 2	...	...
...	53·261	+12·177	− 2	...	...
1391					
...	+53·289	−20·194	− 3	...	...
...	53·293	−28·058	− 3	...	...
...	53·321	− 7·125	− 3	...	...
...	53·464	+11·580	− 2	...	...
...	53·503	+46·622	0·90	...	...
...	+53·509	−12·414	− 5	...	...
*	53·596	−27·598	1·05	46.8051	9·8
*	53·839	+36·095	1·05	45.7994	10·0
...	53·958	−53·653	− 1	...	...
*	54·023	+44·232	1·30	45.7995	9·6
1401					
...	+54·027	+49·639	− 5	...	...
...	54·090	−15·432	0·75	...	...
...	54·120	− 0·225	0·75	*e*	...
...	54·158	−42·306	− 4	*a*	...
...	54·191	−27·491	− 5	...	...
...	+54·280	−28·422	− 4	...	...
...	54·283	+38·126	0·95	...	...
...	54·324	+21·184	− 3	...	...
†	54·513	−21·979	0·70	...	...
†	54·632	+34·935	− 5	...	...
1411					
‡	+54·673	+51·063	1·00	45.7996	9·6
*	54·866	−51·335	1·10	46.8052	10·0
...	54·908	+10·186	− 3	...	...
...	54·918	+30·492	− 3	...	...
...	54·980	+36·906	− 5	...	...
...	+55·054	−56·708	− 4	...	...
...	55·082	+32·730	− 5	...	...
...	55·088	− 1·422	− 5	*m*	...
...	55·392	+ 0·471	− 5	...	...
...	55·569	−24·407	− 2	...	...
1421					
...	+55·605	−12·350	− 3	...	...
*	55·836	−46·599	1·05	46.8053	9·7
...	55·874	+53·326	− 3	...	...
*	55·921	+49·819	1·15	45.7997	9·5
...	56·091	+24·283	0·70	...	...
...	+56·201	−15·194	− 5	...	...
...	56·300	+56·652	− 5	...	...
*	56·305	+20·207	1·00	45.7998	9·3
...	56·314	+44·067	− 3	...	...
...	56·425	−32·279	0·65	...	...
1431					
...	+56·562	−45·220	− 5	...	...
...	56·590	−14·518	0·80	...	...
...	56·611	−28·805	0·65	...	...
†	56·649	−14·848	− 3	...	...
...	56·684	−34·307	0·65	...	...
...	+56·749	−15·491	− 2	...	...
...	56·839	+46·725	0·95	45.8000	10·0
*	56·908	+20·793	1·90	45.8001	8·8
...	56·965	+ 8·123	− 4	...	...
*	56·986	+55·870	2·30	45.7999	8·6

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
1441–1460					
1441					
...	+57′065	−32′255	0·65	...	...
...	57·072	+24·714	− 3	...	...
...	57·082	+37·773	− 5	...	...
...	57·155	+ 5·975	− 5	...	...
...	57·204	−18·039	− 5	...	...
...	+57·210	−28·067	0·65	...	...
...	57·215	+23·230	0·65	...	...
...	57·237	+52·081	− 5	...	...
...	57·424	+ 6·556	− 4	...	...
...	57·478	−42·523	− 4	...	...
1451					
...	+57·508	+ 9·716	− 3	...	...
...	57·559	−36·016	0·70	...	...
...	57·599	−35·546	− 5	...	...
*	57·669	−10·199	1·00	46.8054	9·8
...	57·734	+21·728	− 5	...	...
...	+57·916	− 4·639	0·80	...	...
*	58·033	−43·951	1·60	46.8056	9·3
...	58·119	−13·091	− 5	...	...
...	58·200	−43·410	0·95	...	...
*	58·257	− 4·298	2·00	46.8055	8·6

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
1461–1476					
1461					
...	+58′257	−14′964	− 2	...	...
...	58·260	+18·295	− 3	...	...
...	58·275	+40·873	0·75	45.8002	10·0
...	58·327	−13·455	− 5	...	...
...	58·349	−29·703	0·70	...	...
...	+58·579	−11·363	− 5	...	...
†	58·660	+ 5·132	− 4	...	...
...	58·699	− 6·249	− 5	...	...
...	58·757	− 9·984	− 5	...	...
...	58·777	+ 5·882	− 4	...	...
1471					
...	+58·898	−16·404	− 4	...	...
...	58·912	−25·024	− 5	...	...
...	59·017	+21·466	− 3	...	...
...	59·143	+48·583	− 1	...	...
...	59·249	+29·474	− 3	...	...
†	+59·488	−41·511	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. ...	C.P.D. No.	C.P.D. Mag.

1–30					
1					
...	−60′214	−25′943	0·65	...	...
...	60·113	−28·363	− 2	...	...
...	60·033	−50·933	− 5	...	...
...	60·024	+16·964	− 5	...	...
*	59·750	+ 1·994	1·25	45.7985	9·4
...	−59·672	−13·728	− 5	...	...
...	59·599	− 2·268	− 5	...	...
...	59·376	+14·758	− 2	...	...
...	59·371	−18·964	− 5	...	...
...	59·269	+55·727	− 4	...	...
11					
...	−59·250	−25·829	− 5	...	...
†	59·231	−44·732	− 5	...	...
...	59·218	+43·077	− 4	...	...
*	59·180	−51·070	1·10	46.8044	9·6
...	59·161	+13·027	− 4	...	...
...	−59·047	+15·619	− 2	...	...
...	58·950	−35·626	− 5	E	...
...	58·920	− 3·919	− 1	...	...
...	58·918	−17·924	− 4	...	...
...	58·730	−31·526	− 3	...	...
21					
*	−58·419	+32·195	1·20	45.7986	9·6
...	58·338	+36·589	− 5	...	...
...	58·157	−30·996	− 5	...	...
*	58·065	+37·793	1·00	45.7987	10·0
...	57·986	− 1·483	− 5	...	...
...	−57·813	−56·266	− 5	...	...
...	57·769	+52·992	− 1	...	...
...	57·647	−25·289	− 5	...	...
...	57·638	−15·821	0·75	...	...
...	57·578	+53·377	− 5	...	...

31–60					
31					
...	−57′412	+22′680	− 2	...	...
...	56·941	−52·047	− 3	...	...
...	56·777	−32·402	− 1	...	...
...	56·666	− 4·712	− 5	...	...
...	56·090	−12·228	0·75	46.8045	10·0
...	−56·039	−41·823	0·65	...	...
...	55·792	+55·876	− 5	...	...
*	55·476	+ 5·834	1·20	45.7988	9·5
...	55·213	−52·249	− 5	...	...
...	55·077	−26·954	− 3	...	...
41					
...	−55·067	− 4·184	− 2	...	...
...	55·030	−28·596	0·80	...	...
...	54·734	+ 3·018	− 3	...	...
...	54·692	−35·496	− 3	...	...
...	54·678	+ 4·214	− 5	...	...
...	−54·664	+23·594	0·65	...	...
...	54·663	−11·849	0·65	...	...
*	54·517	−22·942	1·30	46.8046	9·7
...	54·439	+10·758	0·75	...	...
...	54·392	−12·877	− 5	...	...
51					
...	−54·279	+49·604	− 4	...	...
...	54·043	+21·097	− 4	...	...
*	53·944	−28·077	2·00	46.8047	8·6
...	53·911	+40·688	− 5	...	...
...	53·896	− 7·405	− 3	...	...
...	−53·793	+ 4·185	− 4	...	...
*	53·634	− 7·719	0·85	...	...
...	53·581	−57·744	1·00	...	...
...	53·562	+42·867	− 3	...	...
...	53·428	+18·579	0·90	...	...

61–90					
61					
...	−53′325	+23′155	− 4	...	...
...	53·246	+21·757	− 3	...	...
...	53·189	+21·581	− 3	...	...
...	53·169	−11·736	− 4	...	...
†	52·978	+30·081	− 1	...	...
...	−52·961	−20·243	0·65	...	...
...	52·957	+ 9·994	0·65	...	...
...	52·939	+22·484	− 4	...	...
...	52·851	+ 7·105	− 5	...	...
*	52·766	−16·042	1·90	46.8049	8·6
71					
...	−52·731	+17·897	− 2	...	...
...	52·718	−18·420	0·80	...	...
...	52·707	+48·735	0·95	...	...
...	52·687	−14·495	0·75	...	...
*	52·682	+ 6·099	1·00	45.7989	9·7
...	−52·475	+13·134	− 2	...	...
*	52·409	+ 4·742	1·30	45.7990	9·4
*	52·328	−54·568	1·40	46.8048	9·5
*	52·235	+31·949	1·10	45.7992	9·6
...	52·209	+46·631	0·80	...	...
81					
...	−52·176	−45·852	− 5	...	...
...	52·173	− 2·304	0·65	...	...
*	52·159	+ 5·340	1·60	45.7991	9·0
...	52·082	−15·777	0·65	...	...
...	52·074	−18·523	0·75	...	...
...	−52·072	+11·044	− 5	...	...
†	51·989	+10·102	0·65	...	...
...	51·860	+ 4·218	− 2	...	...
...	51·857	+12·058	− 4	...	...
*	51·830	+ 4·819	0·90	45.7993	10·0

ES measured from 1, 429, 604, 815, 1003, 1209, 1389, 1607, 1790, 1940.
MJ „ „ 39, 173, 331, 516, 702, 905, 1115, 1291, 1496, 1705, 1870, 2019.
MC „ „ 107, 259.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
91–150					
91					
...	−51·765	+49·672	− 3	...	...
*	51·603	+44·267	1·20	45.7995	9·6
...	51·540	+ 6·700	− 2	...	...
*	51·533	+36·119	1·10	45.7994	10·0
...	51·364	+12·205	0·65	...	...
...	−51·344	− 7·543	− 4	...	...
*	51·163	+51·098	1·30	45.7996	9·6
...	51·160	+38·172	1·00	...	...
...	51·155	+11·612	− 1	...	...
...	51·121	− 9·626	− 3	...	...
101					
...	−51·047	− 1·473	− 1	...	...
...	50·824	−53·187	− 5	...	...
...	50·720	− 7·083	− 3	...	...
...	50·709	+34·992	− 4	...	...
...	50·704	−43·572	0·75	...	...
...	−50·596	+21·235	− 3	...	...
†	50·278	+30·562	− 5	...	...
...	50·129	− 0·158	0·65	E	...
...	50·086	−28·000	− 5	...	...
...	50·041	+53·412	− 3	...	...
111					
*	−49·873	+49·902	1·20	45.7997	9·5
*	49·795	−27·527	0·90	46.8051	9·8
...	49·717	+56·753	− 5	...	...
...	49·690	−15·360	− 2	...	...
...	49·672	+10·262	− 3	...	...
...	−49·329	+44·156	− 3	...	...
...	49·186	−27·410	− 5	...	...
...	49·093	−28·333	− 5	...	...
...	49·056	−21·897	− 2	...	...
*	49·012	+55·987	2·10	45.7999	8·6
121					
...	−48·908	+24·390	0·65	...	...
...	48·875	+ 0·565	− 3	...	...
*	48·874	+46·838	0·90	45.8000	10·0
...	48·645	+52·205	− 4	...	...
...	48·628	−53·550	− 1	...	...
*	−48·558	+20·330	1·05	45.7998	9·3
...	48·335	+37·903	− 5	...	...
...	48·256	−12·228	− 3	...	...
*	47·982	+20·933	1·70	45.8001	8·8
...	47·944	+24·850	− 3	...	...
131					
...	−47·920	−24·294	− 4	...	...
...	47·761	+23·367	− 2	...	...
...	47·755	−51·219	0·95	46.8052	10·0
...	47·567	−15·066	− 4	...	...
...	47·542	+ 8·262	− 4	...	...
...	−47·403	−56·573	− 4	...	...
...	47·281	+ 6·118	− 4	...	...
...	47·254	+41·035	0·85	45.8002	10·0
...	47·195	−14·373	0·65	...	...
...	47·188	+21·888	− 4	...	...
141					
...	−47·181	+56·380	− 5	...	...
...	47·132	−14·698	− 3	...	...
...	47·045	+ 9·874	− 3	...	...
...	47·036	+ 6·708	− 3	...	...
...	47·024	−47·324	− 5	...	...
...	−47·014	−15·345	− 2	...	...
*	46·941	−46·455	1·05	46.8053	9·7
...	46·799	−32·127	− 2	...	...
...	46·721	−28·651	− 2	...	...
...	46·639	+48·765	− 1	...	...
151–210					
151					
...	−46·555	+18·476	− 2	...	...
...	46·484	−17·879	− 5	...	...
...	46·482	−34·146	− 3	...	...
...	46·271	−45·050	− 5	...	...
*	46·258	−10·014	0·90	46.8054	9·8
...	−46·182	− 4·464	0·65	...	...
...	46·165	−32·087	− 2	...	...
...	46·153	−27·893	− 3	...	...
*	46·071	+46·181	0·95	...	...
...	45·926	+29·677	− 3	...	...
161					
...	−45·899	+21·666	− 3	...	...
*	45·841	− 4·100	2·00	46.8055	8·6
...	45·753	+ 5·332	− 3	...	...
...	45·724	−12·907	− 5	...	...
...	45·661	+ 6·078	− 4	...	...
...	−45·561	−35·832	0·65	...	...
...	45·535	−35·356	− 4	...	...
...	45·529	−14·767	− 3	...	...
...	45·501	−13·254	− 5	...	...
...	45·496	+42·003	− 5	...	...
171					
...	−45·441	−42·328	− 5	...	...
†	45·323	+45·762	0·65	...	...
...	45·245	−24·588	− 5	...	...
*	44·984	−29·483	0·95	...	...
N * [	44·858	−43·727	1·40	46.8056	9·3
... [	−44·828	−43·790	0·65	...	...
...	44·850	−16·176	− 1	...	...
...	44·726	+48·090	− 4	...	...
*	44·703	−43·190	0·95	...	...
...	44·639	−34·539	− 3	...	...
181					
...	−44·572	+ 2·874	− 5	...	...
...	44·549	+43·638	− 4	...	...
...	44·455	+39·793	− 3	...	...
...	44·354	+34·306	1·00	...	...
...	44·296	−34·564	− 4	...	...
...	−44·227	−32·965	− 4	...	...
...	44·114	−28·235	− 5	...	...
...	44·112	−11·438	− 4	...	...
...	44·046	−14·362	0·65	...	...
...	43·976	−22·879	− 5	M	...
191					
...	−43·961	+ 3·840	− 1	...	...
†	43·926	−19·840	− 3	...	...
*	43·879	−24·174	1·05	...	...
...	43·865	+32·126	− 5	...	...
...	43·772	−27·789	− 2	...	...
...	−43·732	−27·327	− 4	...	...
...	43·691	+11·551	− 5	...	...
...	43·530	− 0·217	− 4	M	...
...	43·508	+32·729	− 5	...	...
...	43·475	−20·866	− 1	...	...
201					
...	−43·464	−41·254	− 1	...	...
†	43·373	−24·750	− 1	...	...
...	43·241	−23·252	− 4	...	...
...	43·230	+ 2·670	− 5	...	...
*	43·228	− 4·271	1·00	...	...
...	−43·216	− 8·592	− 5	...	...
...	43·186	+55·307	− 3	...	...
*	43·151	− 6·815	1·80	46.8057	8·9
...	43·118	−20·964	− 5	M	...
*	43·053	−35·985	1·00	...	...
211–270					
211					
*	−43·033	−43·607	1·10	...	...
...	43·011	− 6·221	− 4	M	...
*	42·829	+19·590	1·60	45.8003	9·2
*	42·785	−41·516	1·15	...	...
...	42·647	−20·071	− 2	...	...
...	−42·611	−45·995	− 1	...	...
...	42·527	+16·638	− 3	...	...
...	42·482	−30·402	− 3	...	...
...	42·451	+ 4·183	− 5	...	...
...	42·355	−23·043	0·75	...	...
221					
...	−42·304	−16·444	− 2	...	...
...	42·179	−26·795	− 3	...	...
...	42·161	+57·843	− 1	...	...
...	42·142	+56·579	− 1	...	...
...	42·008	+17·807	− 3	...	...
...	−41·988	−29·572	− 3	...	...
...	41·956	−29·342	− 3	...	...
*	41·943	−22·702	0·95	...	...
...	41·920	−31·614	− 5	...	...
...	41·862	−44·037	− 1	...	...
231					
...	−41·841	−53·469	0·65	...	...
*	41·826	+35·598	1·30	45.8005	9·5
...	41·826	+ 1·539	− 5	...	...
*	41·769	− 5·409	1·00	...	...
...	41·763	−58·012	− 3	...	...
...	−41·725	−27·687	− 4	M	...
...	41·723	−54·244	− 3	...	...
...	41·677	−54·152	0·65	...	...
*	41·643	+22·923	1·80	45.8004	9·0
†	41·609	−29·776	0·75	...	...
241					
* [	−41·608	−19·398	1·50	46.8058	9·3
... [	41·584	−19·465	− 2	...	...
...	41·518	− 0·568	− 5	...	...
...	41·326	+21·517	0·70	...	...
...	41·313	− 1·759	− 4	...	...
...	−41·144	+ 2·687	− 5	...	...
...	40·933	+42·892	− 3	...	...
...	40·861	+ 4·374	− 5	...	...
...	40·843	+ 7·878	0·70	...	...
...	40·833	+21·217	0·65	...	...
251					
...	−40·765	−31·675	− 3	...	...
...	40·652	−11·626	0·70	...	...
...	40·623	−58·398	− 3	...	...
...	40·618	−30·545	− 3	...	...
...	40·542	+21·851	− 2	...	...
...	−40·519	+ 8·356	0·65	...	...
...	40·466	−48·186	− 5	...	...
...	40·419	+41·860	− 4	...	...
...	40·230	− 1·608	− 5	...	...
...	40·098	+17·650	− 5	...	...
261					
...	−40·044	−45·815	0·65	...	...
...	39·987	+28·991	− 4	...	...
...	39·932	−52·774	− 3	...	...
...	39·878	+57·999	0·65	...	...
...	39·810	+28·411	0·65	...	...
...	−39·793	−22·965	− 5	...	...
...	39·518	−48·423	− 5	...	...
...	39·357	−11·452	− 5	...	...
...	39·356	+56·434	− 3	...	...
...	39·275	−17·657	− 5	...	...

175. Var. L=8·8—10·0.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
271–330					
271	′	′		°	
...	−39·259	−42·876	− 4	...	...
...	39·212	−49·308	− 4	...	...
...	39·203	− 7·072	− 3	...	...
...	39·167	−52·284	− 5	...	...
...	39·057	+ 5·513	− 4	...	...
...	−39·041	− 7·344	0·75	...	...
*	38·920	+25·670	2·10	45.8006	9·0
...	38·698	−50·180	− 4	...	...
...	38·670	−26·084	− 1	...	...
...	38·654	−32·202	− 5	...	...
281					
S *	−38·631	−28·108	2·20	46.8059	7·9
...	38·620	+ 1·647	0·65	...	...
...	38·565	+20·994	− 5	...	...
*	38·562	−37·533	1·00	...	...
...	38·556	+54·326	− 4	...	...
...	−38·528	−29·565	− 2	...	...
...	38·494	−24·439	− 1	...	...
...	38·394	+24·521	− 5	...	...
*	38·383	+28·569	1·70	45.8007	9·2
...	38·270	−30·947	− 4	...	...
291					
*	−38·179	+27·976	1·10	45.8008	9·5
...	38·087	−28·744	− 4	...	...
...	37·994	−37·688	− 5	...	...
...	37·972	−27·891	0·75	...	...
*	37·958	+45·854	1·50	45.8009	9·2
...	−37·890	+38·096	− 3	...	...
...	37·731	− 7·036	0·65	...	...
*	37·675	+15·222	0·90	...	...
S *	37·550	+59·627	2·00	44.7956	8·6
...	37·545	−35·253	− 3	...	...
301					
...	−37·528	−27·130	− 3	...	...
...	37·512	−27·051	− 3	...	...
*	37·449	−58·416	1·00	...	...
...	37·390	−25·717	− 5	...	...
...	37·254	−27·479	− 5	...	...
*	−37·154	−45·914	1·15	...	...
...	37·067	− 3·093	− 5	...	...
...	36·882	− 1·227	− 4	...	...
...	36·817	+ 3·617	− 5	...	...
...	36·793	−12·512	0·65	...	...
311					
...	−36·679	+13·049	− 2	...	...
*	36·615	−55·164	1·10	...	...
...	36·535	+10·400	− 2	...	...
*	36·498	+ 1·691	1·00	45.8010	9·6
...	36·483	−51·807	− 4	...	...
...	−36·479	−16·307	− 3	...	...
...	36·340	−34·026	0·80	...	...
...	36·197	−40·931	− 5	...	...
*	36·114	−57·444	1·05	...	...
...	36·063	+33·939	− 3	...	...
321					
...	−36·058	−15·361	− 5	...	...
...	35·923	− 6·216	− 5	...	...
...	35·874	−23·035	− 2	...	...
...	35·632	−33·105	− 5	...	...
*	35·619	−20·944	2·00	46.8062	8·6
...	−35·534	−11·921	− 3	...	...
*	35·528	−53·838	1·40	46.8060	9·2
‡	35·452	−58·699	1·15	46.8061	9·6
...	35·450	− 8·340	− 3	...	...
...	35·444	+19·283	− 4	...	...
331–390					
331	′	′		°	
...	−35·338	−20·809	− 1	...	...
...	35·290	−12·891	0·70	...	...
...	35·260	−27·731	− 3	...	...
...	35·256	−23·726	− 4	...	...
...	35·196	+10·435	− 4	...	...
...	−35·134	−25·998	− 1	...	...
...	34·997	−31·187	− 4	...	...
*	34·912	−22·097	1·20	...	...
...	34·883	+ 1·376	− 5	M	...
*	34·854	−11·218	1·80	46.8063	9·2
341					
*	−34·853	+31·860	1·00	...	...
*	34·831	−50·223	1·10	...	...
...	34·819	−47·408	− 4	...	...
...	34·708	+ 1·378	− 4	...	...
...	34·705	−34·506	0·65	...	...
...	−34·626	−16·462	− 4	...	...
...	34·603	+11·301	− 5	...	...
‡	34·568	− 9·782	0·80	...	...
...	34·503	− 9·387	0·70	...	...
...	34·490	−14·557	− 3	...	...
351					
...	−34·327	−43·544	− 5	...	...
...	34·315	−40·407	− 2	...	...
...	34·291	−45·541	− 5	...	...
...	34·144	+42·748	− 4	...	...
*	34·130	+ 3·251	1·10	45.8011	9·6
...	−34·111	−23·838	− 3	...	...
...	34·102	+24·156	− 5	...	...
...	34·014	−38·150	0·65	...	...
*	34·009	−38·523	0·90	...	...
*	33·884	+29·605	1·00	...	...
361					
...	−33·834	−36·983	0·75	...	...
...	33·830	−38·413	− 4	...	...
...	33·828	+ 7·459	− 4	...	...
...	33·694	+41·017	− 5	...	...
...	33·651	−15·701	− 1	...	...
...	−33·580	+32·951	− 5	...	...
...	33·530	−43·384	− 4	...	...
...	33·524	−46·745	− 4	...	...
...	33·444	−35·841	− 3	...	...
...	33·360	−14·054	− 5	M	...
371					
...	−33·355	+ 3·932	0·65	...	...
...	33·122	+ 2·554	0·65	...	...
...	33·107	−55·801	− 3	...	...
...	33·074	+43·257	0·80	...	...
...	33·012	+36·929	− 4	...	...
...	−32·973	−43·859	− 5	...	...
...	32·972	−44·356	− 3	...	...
...	32·965	−14·196	0·80	...	...
...	32·958	− 5·533	− 3	...	...
...	32·923	+35·313	− 5	...	...
381					
...	−32·895	− 6·619	− 4	...	...
*	32·882	+10·836	1·60	45.8012	9·2
...	32·821	+11·426	− 5	...	...
...	32·779	− 4·521	− 1	...	...
...	32·766	−53·662	− 3	...	...
...	−32·747	−44·298	− 4	...	...
...	32·630	+28·787	− 5	...	...
...	32·613	−44·597	0·75	...	...
...	32·520	−13·364	− 2	...	...
...	32·457	−13·080	− 5	...	...
391–450					
391	′	′		°	
...	−32·439	−37·249	0·80	...	...
...	32·437	−35·944	− 4	...	...
...	32·424	−36·709	0·80	...	...
...	32·376	−21·344	0·75	...	...
...	32·374	−32·537	− 1	...	...
...	−32·265	+ 1·710	− 5	...	...
...	32·120	+42·810	− 4	...	...
...	32·115	− 9·615	− 3	...	...
...	32·071	+37·486	− 5	...	...
...	32·069	+22·353	− 4	...	...
401					
...	−32·068	−43·114	0·70	...	...
...	31·936	+18·249	− 4	...	...
...	31·882	−33·856	0·65	...	...
*	31·755	−27·855	0·90	...	...
...	31·749	−35·949	− 3	...	...
...	−31·744	− 6·743	− 5	M	...
...	31·627	−36·533	− 5	M	...
*	31·534	−19·985	1·00	...	...
...	31·428	+36·350	− 5	...	...
...	31·412	−42·083	− 5	M	...
411					
*	−31·404	+35·740	1·05	...	...
...	31·324	−44·914	− 5	...	...
...	31·320	− 3·806	0·90	...	...
...	31·264	+48·008	0·70	...	...
...	31·251	−33·946	0·65	...	...
...	−31·122	+ 8·968	− 3	...	...
...	31·079	+44·309	− 3	...	...
...	31·079	−27·303	0·80	...	...
...	31·030	−25·589	− 5	...	...
...	31·027	−34·963	0·80	...	...
421					
...	−30·886	−49·842	− 3	...	...
...	30·775	−38·477	0·75	...	...
S *	30·696	+ 4·123	1·50	45.8013	9·0
...	30·696	−35·883	− 4	...	...
...	30·628	− 3·430	− 1	...	...
...	−30·471	+18·297	− 4	...	...
...	30·423	+ 3·929	− 2	...	...
†	30·413	−33·939	0·70	...	...
‡	30·339	−44·207	1·35	46.8064	9·0
...	30·306	−42·121	− 1	...	...
431					
...	−30·183	+16·579	− 5	...	...
...	30·120	+54·755	0·90	...	...
...	29·913	−53·130	0·90	...	...
...	29·843	−34·427	− 2	...	...
*	29·824	+17·552	0·90	...	...
*	−29·819	+31·473	1·60	45.8014	9·2
...	29·782	−12·084	− 4	...	...
...	29·754	+25·981	− 5	...	...
...	29·731	+10·718	0·70	...	...
...	29·586	− 0·056	− 5	M	...
441					
...	−29·561	+53·463	− 4	...	...
*	29·529	− 8·431	2·10	46.8065	8·6
...	29·528	− 4·003	− 4	...	...
...	29·487	−37·153	− 3	...	...
...	29·360	−16·405	0·70	...	...
...	−29·329	+22·360	− 3	...	...
...	29·295	− 9·175	− 5	...	...
...	29·261	+19·518	− 5	...	...
...	29·172	+ 9·908	− 2	...	...
...	29·146	+56·781	0·75	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
451–510					
451	′	′	°		
...	−29·121	−16·085	− 5	...	...
*	29·029	−10·087	0·85	...	...
...	29·021	+26·393	− 5	...	...
...	28·894	+59·118	− 5	...	...
...	28·855	−47·090	− 1	...	...
...	−28·827	−35·836	0·65	...	...
...	28·818	−14·319	− 5	...	...
...	28·747	+30·184	− 5	...	...
...	28·734	− 8·788	− 2	...	...
...	28·601	+10·921	− 5	...	...
461					
...	−28·514	+ 2·197	− 5	...	...
...	28·438	+12·627	− 4	...	...
...	28·403	+31·757	0·65	...	...
...	28·307	−37·363	− 2	...	...
...	28·301	− 1·534	− 5	...	...
...	−28·300	−13·730	− 4	...	...
...	28·191	− 3·619	0·75	...	...
*	27·909	−40·102	1·40	46.8066	9·4
...	27·835	− 5·931	− 3	...	...
...	27·833	−36·487	0·65	...	...
471					
...	−27·812	−48·993	− 5	...	...
...	27·712	+14·908	− 5	...	...
S*	27·565	−47·707	2·80	46.8067	7·4
...	27·556	−35·839	− 2	...	...
*	27·533	−19·008	1·50	46.8068	9·0
...	−27·435	−40·531	− 5	...	...
...	27·391	+56·753	− 3	...	...
...	27·391	+ 6·067	− 4	...	...
...	27·289	−18·260	− 3	...	...
...	27·205	+33·849	− 4	...	...
481					
...	−27·164	+47·811	− 3	...	...
...	27·134	−22·881	− 4	...	...
...	27·123	+32·715	− 2	...	...
...	27·046	+26·515	− 2	...	...
*	27·036	−14·494	1·70	46.8070	9·0
...	−27·007	+19·437	− 5	...	...
...	27·000	+20·652	− 3	...	...
...	26·993	+54·180	− 3	...	...
*	26·840	−28·669	2·00	46.8069	8·6
...	26·777	−17·202	− 3	...	...
491					
...	−26·704	−36·000	− 2	...	...
*	26·601	−24·708	1·25	46.8072	9·3
...	26·536	−50·688	0·75	...	...
...	26·486	+37·191	− 5	...	...
...	26·392	+11·396	− 3	...	...
*	−26·388	−47·828	1·20	46.8071	9·3
...	26·287	−36·209	0·75	...	...
...	26·232	+51·436	− 5	...	...
...	26·221	+50·212	− 5	...	...
...	26·219	+12·737	− 5	...	...
501					
...	−26·212	−54·450	− 3	...	...
...	26·157	+24·531	− 2	...	...
...	25·981	+ 9·377	0·75	...	...
...	25·977	− 6·531	− 3	...	...
...	25·896	−32·431	− 5	...	...
†	−25·887	+20·070	− 5	...	...
*	25·880	+ 8·344	1·20	45.8015	9·3
n*	25·879	−28·101	1·05	46.8073	9·5
...	25·715	−40·553	− 2	...	...
n*	25·636	−28·242	1·00	46.8073	9·5
511–570					
511	′	′	°		
...	−25·559	+38·581	− 5	...	...
...	25·541	−33·127	− 5	...	...
...	25·494	+39·225	− 5	...	...
‡	25·477	−40·018	1·50	46.8074	9·0
†	25·410	− 1·146	− 5	...	...
†	−25·407	−56·930	0·65	...	...
‡	25·319	− 7·755	1·15	46.8077	9·6
...	25·248	+38·936	− 3	...	...
...	25·187	+41·395	− 3	...	...
*	25·111	+53·411	1·20	...	...
521					
...	−25·100	+35·256	0·70	...	...
*	25·042	+ 7·732	1·05	...	...
*	25·039	−48·906	1·20	46.8076	9·4
...	25·002	−35·895	− 4	...	...
*	24·793	+46·909	1·30	45.8016	9·5
...	−24·773	−18·401	− 5	...	...
...	24·703	+ 1·918	0·85	...	...
*	24·679	− 0·428	1·00	...	...
...	24·603	−25·494	− 3	...	...
...	24·574	+41·150	0·65	...	...
531					
...	−24·474	− 1·720	0·80	...	...
...	24·455	−13·826	0·90	...	...
...	24·417	+15·655	0·75	...	...
*	24·334	−35·129	1·00	...	...
...	24·282	+ 4·624	− 5	...	...
...	−24·282	−53·514	1·00	...	...
...	24·252	−28·857	0·65	...	...
...	24·069	+42·349	− 3	...	...
*	23·830	−52·712	1·40	46.8078	9·4
...	23·806	+44·335	0·90	...	...
541					
...	−23·768	−43·356	− 5	...	...
*	23·749	−45·355	1·10	46.8079	9·6
...	23·676	+24·549	− 5	...	...
...	23·643	+49·580	− 1	...	...
...	23·622	+20·496	− 1	...	...
...	−23·571	+21·572	0·65	...	...
...	23·487	+13·620	0·70	...	...
*	23·359	+ 2·747	1·20	...	...
...	23·244	−30·794	− 1	...	...
...	23·210	+31·178	− 3	...	...
551					
...	−23·124	+45·933	0·80	...	...
‡	23·036	+10·103	1·50	45.8017	9·2
n	23·029	+25·310	0·85	45.8018	9·6
...	23·009	−20·028	− 4	...	...
...	23·003	+41·981	− 3	...	...
†	−22·973	−14·868	− 5	...	...
n‡	22·916	+25·100	1·05	45.8018	9·6
*	22·850	+29·814	1·00	...	...
...	22·816	−49·925	0·65	...	...
...	22·812	+29·224	− 5	...	...
561					
†	−22·803	−14·860	− 4	...	...
...	22·715	−23·166	− 5	...	...
...	22·690	−43·286	− 4	...	...
...	22·676	− 0·736	− 3	...	...
...	22·659	−49·112	− 2	...	...
...	−22·584	+28·035	− 5	...	...
...	22·535	+40·651	− 3	...	...
...	22·526	−44·065	0·75	...	...
...	22·498	−13·407	0·65	...	...
...	22·470	−26·950	0·70	...	...
571–630					
571	′	′	°		
*	−22·439	−32·278	1·00	...	...
...	22·422	+35·672	− 1	...	...
...	22·372	+22·636	− 3	...	...
...	22·314	+35·843	− 5	...	...
...	22·265	−26·710	0·65	...	...
...	−22·220	−54·625	− 5	...	...
*	22·180	−34·904	1·00	...	...
...	22·163	+27·593	0·80	...	...
...	22·047	+26·135	− 4	...	...
...	22·046	+47·400	− 3	...	...
581					
*	−21·954	+41·796	1·00	...	...
...	21·950	+ 6·106	0·80	...	...
*	21·870	+57·946	2·90	44.7963	7·3
...	21·858	− 2·814	− 5	...	...
...	21·762	− 8·955	− 2	...	...
...	−21·680	+33·928	0·75	...	...
...	21·635	−33·845	− 5	M	...
*	21·551	+22·476	1·20	45.8019	9·6
...	21·425	−46·206	− 5	...	...
...	21·328	− 6·321	− 3	...	...
591					
...	−21·309	−42·057	0·70	...	...
...	21·308	−16·357	− 5	...	...
...	21·258	−16·763	− 3	...	...
...	21·238	− 8·072	− 2	...	...
...	21·196	−12·324	− 3	...	...
...	−21·077	−17·918	− 2	...	...
...	21·035	−31·386	− 3	...	...
‡	21·031	− 4·853	1·00	...	...
*	20·961	−55·375	1·20	...	...
...	20·868	−24·646	− 4	...	...
601					
*	−20·753	+29·559	1·20	45.8020	9·6
...	20·670	+22·841	0·95	...	...
...	20·560	−16·305	− 5	...	...
...	20·333	−23·109	− 5	...	...
...	20·291	− 0·269	0·75	...	...
...	−20·245	+23·513	− 4	...	...
...	20·013	−47·517	− 4	...	...
...	19·989	−40·556	− 3	...	...
...	19·961	+24·503	0·65	...	...
...	19·959	+29·550	0·65	...	...
611					
...	−19·872	−57·300	− 3	...	...
...	19·840	+40·865	− 5	...	...
...	19·702	−24·442	− 3	...	...
...	19·663	+29·990	− 5	...	...
...	19·619	+51·952	− 5	...	...
...	−19·613	−32·048	− 5	...	...
...	19·601	−31·744	− 5	...	...
*	19·522	+20·672	1·70	45.8021	9·0
...	19·362	+24·208	− 4	...	...
...	19·247	+50·376	− 2	...	...
621					
...	−19·193	+12·164	− 4	...	...
...	19·189	−36·277	− 5	...	...
...	19·147	+19·022	− 4	...	...
...	19·062	+52·521	− 3	...	...
...	19·013	− 0·087	− 5	M	...
*	−18·892	+23·459	1·10	45.8022	9·5
...	18·876	− 0·799	− 5	...	...
...	18·864	+57·538	0·90	...	...
...	18·827	−34·124	− 5	...	...
...	18·813	−52·022	− 5	...	...

508. 510, C.P.D., mass.
553, 557. C.P.D., mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
631–690					
631	′	′		°	
…	−18·772	−37·674	− 5	…	…
…	18·716	−12·012	− 4	…	…
…	18·632	+ 8·428	− 5	…	…
…	18·581	+31·479	− 4	…	…
*	18·535	−20·340	0·80	…	…
…	−18·424	+36·477	− 2	…	…
…	18·388	−39·111	0·70	…	…
…	18·352	+33·556	0·70	…	…
…	18·250	+26·404	− 4	…	…
…	18·243	−34·275	− 2	…	…
641					
…	−18·216	+33·737	− 5	…	…
…	18·205	−58·941	0·85	…	…
*	18·153	−13·513	0·90	…	…
…	18·151	+ 6·979	− 3	…	…
…	18·124	+57·862	− 5	…	…
…	−18·045	+24·712	− 3	…	…
…	17·926	+ 5·462	− 2	…	…
…	17·917	−10·645	− 5	…	…
…	17·914	+32·631	− 3	…	…
…	17·897	−11·997	− 4	…	…
651					
…	−17·830	−33·035	− 4	…	…
…	17·829	−50·862	− 5	…	…
…	17·641	+12·857	− 3	…	…
…	17·641	−46·640	− 4	…	…
…	17·585	+29·402	− 5	…	…
*	−17·496	−32·167	0·75	…	…
…	17·459	+ 9·438	− 5	…	…
…	17·437	−34·000	0·75	…	…
…	17·434	+28·894	0·65	…	…
…	17·370	+ 2·858	− 2	…	…
661					
…	−17·368	−58·809	− 1	…	…
…	17·271	−22·760	− 5	…	…
…	17·251	+31·567	− 5	…	…
*	17·073	− 2·736	2·20	45.8023	8·4
…	17·004	−15·917	− 5	M	…
n *	−16·901	+21·765	1·05	45.8024	9·4
…	16·896	+38·268	− 5	…	…
…	16·872	+23·370	− 5	…	…
…	16·812	+ 3·562	− 4	…	…
…	16·791	+13·507	− 5	…	…
671					
n *	−16·767	+21·532	1·05	45.8024	9·4
…	16·747	+49·277	− 5	…	…
…	16·711	−39·148	− 5	…	…
…	16·710	−54·126	− 4	…	…
…	16·642	+14·771	− 4	…	…
…	−16·500	+44·917	− 2	…	…
…	16·484	−52·754	− 3	…	…
…	16·305	+ 9·840	− 5	…	…
…	16·261	+35·101	− 5	…	…
…	16·257	+45·562	− 3	…	…
681					
…	−16·225	−58·845	− 5	…	…
…	16·201	−40·033	− 4	…	…
…	16·200	+48·553	0·85	…	…
…	16·165	−29·033	− 1	…	…
…	16·164	+45·933	− 5	…	…
…	−16·163	+13·404	− 2	…	…
…	16·130	+ 7·988	− 5	…	…
*	16·130	−52·235	1·10	46.8081	9·6
…	15·949	−41·449	− 5	…	…
…	15·922	−20·467	− 5	…	…
691–750					
691	′	′		°	
…	−15·847	−38·274	− 5	…	…
*	15·836	+47·731	1·00	…	…
…	15·819	−20·283	− 3	…	…
…	15·809	+34·882	− 5	…	…
…	15·682	−21·958	− 5	…	…
…	−15·679	−43·078	− 2	…	…
…	15·599	− 6·122	− 5	…	…
*	15·573	+34·778	1·40	45.8026	9·3
*	15·542	+33·773	1·15	45.8025	9·4
…	15·512	−37·686	− 5	…	…
701					
n ‡	−15·488	+35·196	2·30	45.8027	8·2
†	15·399	−52·537	0·80	…	…
…	15·309	− 9·386	− 4	…	…
…	15·280	−34·179	− 5	…	…
†	15·202	−49·788	− 2	…	…
†	−15·192	+25·022	− 4	…	…
n *	15·154	+35·197	1·25	45.8027	8·2
*	15·148	+40·781	0·95	…	…
…	15·094	−46·178	− 3	…	…
…	15·093	−34·013	0·65	…	…
711					
…	−15·047	−23·081	0·65	…	…
S *	15·038	+31·744	2·40	45.8028	8·2
…	15·012	+35·942	0·90	…	…
*	14·988	+34·357	1·30	…	…
…	14·924	− 6·813	− 4	…	…
…	−14·870	−19·355	− 5	…	…
*	14·850	+33·349	1·10	…	…
…	14·739	−38·168	− 4	…	…
…	14·708	−18·985	− 4	…	…
…	14·659	+34·036	− 2	…	…
721					
…	−14·557	−53·346	− 4	…	…
…	14·516	+34·593	0·90	…	…
…	14·492	−20·558	0·65	…	…
†	14·437	− 9·855	0·65	…	…
…	14·420	+41·351	− 3	…	…
*	−14·413	+46·982	1·05	…	…
…	14·336	+33·842	0·70	…	…
…	14·250	+ 4·583	− 3	…	…
…	14·198	+51·832	− 1	…	…
…	14·193	−23·380	− 3	…	…
731					
…	−14·161	+29·929	0·75	…	…
…	14·157	−22·011	0·80	…	…
…	14·141	+51·648	− 1	…	…
S *	14·120	−16·472	2·00	46.8082	8·6
…	14·105	−37·131	− 4	…	…
…	−14·101	+16·984	0·80	…	…
*	13·930	−37·539	1·05	…	…
…	13·770	+ 3·014	− 2	…	…
…	13·713	+15·891	− 5	…	…
…	13·550	+16·833	− 4	…	…
741					
*	−13·503	−12·076	1·40	46.8084	9·2
…	13·484	+37·584	− 1	…	…
…	13·462	+36·407	− 4	…	…
…	13·359	−19·207	− 2	…	…
…	13·357	−43·462	− 4	…	…
*	−13·336	−31·433	1·10	46.8083	9·6
…	13·328	+27·247	0·75	…	…
…	13·305	+38·730	− 5	…	…
…	13·260	−42·866	− 4	…	…
*	13·240	+34·764	1·40	45.8030	9·2
751–810					
751	′	′		°	
*	−13·166	+15·792	1·10	…	…
…	13·144	−20·120	− 3	…	…
…	13·074	−38·472	− 5	M	…
…	13·044	+34·778	− 1	…	…
…	12·971	+26·702	− 2	…	…
…	−12·949	−13·123	− 5	…	…
*	12·940	+ 7·688	1·10	45.8029	9·6
…	12·938	+48·593	0·85	…	…
…	12·926	+ 6.626	0·75	…	…
…	12·899	+22·863	− 4	…	…
761					
…	−12·685	−33·753	− 5	…	…
…	12·657	+40·273	− 5	…	…
…	12·585	+40·170	− 4	…	…
…	12·536	−30·490	− 3	…	…
…	12·471	+ 6·539	− 4	…	…
…	−12·431	− 6·468	0·65	…	…
…	12·401	+ 2·215	− 3	…	…
…	12·334	+39·538	− 2	…	…
*	12·293	− 6·812	1·20	46.8085	9·3
…	12·260	−35·124	− 3	…	…
771					
…	−12·228	− 1·371	− 4	M	…
†	12·198	+ 5·060	− 5	…	…
…	12·192	−27·503	− 5	…	…
†	12·181	+25·039	− 5	…	…
…	12·120	−17·747	0·65	…	…
…	−12·106	−38·759	− 5	…	…
…	11·985	−42·855	− 3	…	…
*	11·972	−23·227	0·80	…	…
…	11·881	− 4·434	0·65	…	…
…	11·872	+38·614	− 4	…	…
781					
*	−11·819	+11·727	1·40	45.8031	9·2
…	11·786	+28·728	− 5	…	…
…	11·627	− 9·429	0·65	…	…
…	11·603	+34·221	− 4	…	…
…	11·550	− 6·020	0·85	…	…
*	−11·507	+38·125	1·05	…	…
…	11·485	−36·254	− 5	…	…
…	11·231	− 3·274	− 2	…	…
…	11·222	−36·259	− 4	…	…
…	11·216	−20·349	− 5	…	…
791					
…	−11·184	+36·376	0·80	…	…
*	11·147	−45·940	1·00	…	…
…	11·136	+40·611	− 3	…	…
…	11·132	+49·791	− 3	…	…
…	11·122	−21·840	− 5	…	…
…	−11·105	+25·824	− 5	…	…
…	11·039	+37·753	− 3	…	…
…	11·025	−18·138	− 5	…	…
…	10·993	+ 3·386	− 5	…	…
…	10·976	+46·311	0·70	…	…
801					
…	−10·917	+27·061	− 1	…	…
…	10·880	−26·400	− 1	…	…
…	10·854	−39·443	− 2	…	…
…	10·832	−16·828	− 1	…	…
…	10·737	−48·278	0·65	…	…
…	−10·716	−13·851	0·90	…	…
…	10·667	−53·577	− 3	…	…
*	10·645	+28·699	1·00	…	…
…	10·629	− 3·567	− 4	…	…
†	10·582	−59·717	− 1	…	…

666, 671. C.P.D., suspected double.
701, 707. C.P.D., probably mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
811–870					
811	′	′	°		
†	−10·511	−37·998	0·65	...	...
...	10·500	−38·334	− 3	...	...
‡	10·495	−51·894	0·95	46.8087	9·6
‡	10·487	−37·763	1·70	46.8088	8·8
†	10·399	−14·740	− 2	...	...
...	−10·310	−55·704	0·70	...	...
...	10·282	−21·831	− 5	...	...
...	10·275	+14·143	− 5	...	...
*	10·210	−51·319	1·05	46.8089	9·6
...	10·147	−35·956	− 3	...	...
821					
n	−10·130	+26·624	0·75	45.8033	9·3
...	10·127	−49·202	− 3	...	...
*	10·009	+34·250	1·25	45.8032	9·5
...	9·998	+43·149	− 5	...	...
*	9·955	− 8·666	1·10	46.8090	9·6
...	− 9·928	−43·202	− 1	...	...
n *	9·925	+26·436	1·35	45.8033	9·3
*	9·903	−33·510	0·90	...	...
...	9·899	+17·494	− 5	...	...
...	9·813	+55·542	− 5	...	...
831					
...	− 9·808	+27·049	− 2	...	...
...	9·786	+10·426	− 4	...	...
†	9·692	−14·864	− 5	...	...
...	9·587	+37·687	− 5	...	...
*	9·568	−54·557	0·90	...	...
...	− 9·476	+ 0·941	− 5	...	...
...	9·458	+52·715	− 5	...	...
...	9·433	−17·446	0·70	...	...
...	9·339	−27·407	− 3	...	...
...	9·299	−14·426	− 3	...	...
841					
...	− 9·273	−45·358	0·75	...	...
...	9·242	−43·045	− 1	...	...
...	9·158	+ 4·715	− 5	...	...
...	9·144	+17·717	− 5	...	...
...	9·131	+40·892	− 4	...	...
...	− 9·045	+ 8·760	0·75	...	...
‡	9·044	− 9·890	0·80	...	...
...	9·040	−16·367	− 5	...	...
...	8·923	+51·210	0·80	...	...
*	8·910	− 2·347	2·20	45.8034	8·2
851					
*	− 8·669	+48·575	2·00	45.8035	8·6
*	8·669	−21·698	0·80	...	...
†	8·638	+49·942	− 2	...	...
...	8·618	−37·174	− 4	...	...
*	8·612	+17·123	0·90	...	...
*	− 8·594	+19·104	0·90	...	...
...	8·590	−10·385	− 3	...	...
*	8·523	+55·138	1·05	45.8036	9·6
...	8·355	− 1·220	− 2	...	...
...	8·342	+25·782	− 4	...	...
861					
...	− 8·192	+56·319	− 3	...	...
...	8·175	−11·928	− 5	...	...
...	8·154	+38·821	− 2	...	...
...	8·147	+ 1·174	− 5	...	...
...	8·084	+30·516	− 5	M	...
*	− 8·083	+33·925	0·95	45.8037	9·6
...	7·958	−14·926	− 5	M *m*	...
...	7·910	−22·534	0·80	...	...
...	7·855	+30·222	− 3	...	...
...	7·770	+50·242	− 5	...	...
871–930					
871	′	′	°		
...	− 7·630	−29·045	− 5	...	...
...	7·620	−38·276	− 5	...	...
...	7·598	+ 0·962	− 5	...	...
...	7·549	+52·587	− 5	...	...
...	7·363	−26·099	− 5	...	...
...	− 7·362	−35·945	− 5	M *m*	...
...	7·321	+40·199	− 3	...	...
...	7·241	+33·001	− 5	...	...
...	7·228	+49·308	− 3	...	...
...	7·219	− 4·770	− 1	...	...
881					
...	− 7·154	−27·839	− 4	M *m*	...
*	7·143	−24·461	1·00	46.8091	9·6
...	6·840	+52·072	− 3	...	...
...	6·734	−37·469	− 5	...	...
...	6·614	+20·266	− 5	...	...
*	− 6·583	−52·367	1·15	46.8092	9·4
...	6·548	+ 1·281	− 5	...	...
...	6·543	+13·807	− 5	...	...
...	6·493	− 9·155	− 5	*m*	...
...	6·380	+35·758	− 4	...	...
891					
...	− 6·377	−30·453	− 5	M	...
...	6·361	+31·475	− 5	M	...
...	6·338	+36·975	− 3	...	...
...	6·335	+28·193	− 5	...	...
†	6·273	− 9·894	0·65	...	...
...	− 6·245	−12·477	0·75	...	...
...	6·224	−26·516	0·65	...	...
...	6·168	−40·873	− 5	...	...
...	6·162	+36·194	− 5	...	...
...	5·978	−29·240	− 2	...	...
901					
...	− 5·972	+49·638	− 5	...	...
...	5·938	−19·521	− 4	...	...
...	5·748	− 3·564	− 3	...	...
...	5·622	−44·970	− 2	...	...
†	5·398	− 4·618	0·75	...	...
...	− 5·311	−14·020	− 5	*m*	...
...	5·221	+ 2·702	− 3	...	...
*	4·987	−37·764	1·10	...	...
...	4·967	+26·520	− 1	...	...
...	4·948	+28·531	− 4	...	...
911					
...	− 4·920	+21·600	0·80	...	...
...	4·880	−28·295	− 1	...	...
...	4·867	+26·865	0·80	...	...
...	4·827	−19·283	− 2	...	...
*	4·815	−15·572	1·05	46.8093	9·5
...	− 4·749	+40·491	0·70	...	...
...	4·632	+41·307	− 5	*m*	...
...	4·630	−55·106	− 5	...	...
...	4·608	−39·358	− 5	...	...
...	4·575	−42·694	− 4	...	...
921					
...	− 4·523	−26·061	− 5	*m*	...
*	4·505	+22·691	1·00	45.8038	9·6
*	4·457	+24·645	1·00	45.8039	9·6
...	4·429	+22·372	− 5	...	...
...	4·417	+21·226	− 5	...	...
...	− 4·359	+18·943	− 4	...	...
...	4·283	−27·025	− 3	...	...
...	4·228	−31·290	− 5	*m*	...
...	4·220	+26·674	− 5	...	...
...	4·201	−16·308	− 5	*m*	...
931–990					
931	′	′	°		
...	− 4·170	+25·762	0·65	...	...
...	4·168	+25·702	− 3	...	...
...	4·123	−38·848	− 5	...	...
...	4·047	+44·036	0·85	...	...
*	4·007	−28·318	1·00	...	...
...	− 3·881	−18·705	− 5	...	...
...	3·805	+27·488	0·70	...	...
...	3·788	+30·614	− 2	...	...
...	3·736	−45·417	− 5	...	...
...	3·691	−39·178	− 5	*m*	...
941					
*	− 3·541	−30·881	1·00	...	...
...	3·538	−16·717	− 5	*m*	...
†	3·527	−39·746	− 2	...	...
...	3·518	+52·317	− 2	...	...
...	3·438	− 7·141	− 3	...	...
...	− 3·419	+53·574	− 3	...	...
*	3·327	−32·996	1·05	...	...
...	3·286	−54·153	− 1	...	...
...	3·274	+52·849	− 4	...	...
...	3·257	+22·902	− 4	...	...
951					
...	− 3·252	−45·772	0·65	...	...
...	3·113	+48·663	− 1	...	...
...	3·111	+51·359	− 4	...	...
...	3·063	−40·296	− 2	...	...
...	2·907	+37·345	− 3	...	...
...	− 2·892	−35·899	0·70	...	...
*	2·873	+28·528	1·15	45.8040	9·6
...	2·829	−27·457	− 2	...	...
...	2·758	+42·066	0·65	...	...
...	2·666	+27·586	− 5	*m*	...
961					
...	− 2·625	+27·126	− 4	*m*	...
*	2·620	+20·252	1·40	45.8041	9·3
*	2·589	−55·545	1·20	46.8094	9·5
...	2·486	−12·912	0·80	...	...
...	2·466	+30·354	0·90	...	...
*	− 2·454	−18·862	1·40	46.8095	9·5
...	2·328	+58·417	0·65	...	...
*	2·281	+48·016	1·70	45.8042	9·2
*	2·215	+53·219	2·70	45.8043	7·8
...	2·165	−19·235	− 3	...	...
971					
...	− 2·121	+20·135	− 3	...	...
...	2·088	−10·425	− 4	M *m*	...
...	2·055	−51·250	− 5	*m*	...
...	2·032	−28·779	0·70	...	...
...	2·003	−22·111	− 2	...	...
...	− 1·948	−21·185	0·75	...	...
...	1·941	+ 8·702	− 3	...	...
...	1·933	+44·780	− 3	...	...
...	1·925	−36·861	− 5	...	...
...	1·871	−20·474	0·65	...	...
981					
...	− 1·803	−27·313	− 3	...	...
...	1·796	− 6·601	− 5	...	...
...	1·783	+34·526	− 3	...	...
...	1·755	+42·351	0·70	...	...
*	1·754	−55·505	1·90	46.8096	8·9
...	− 1·654	+18·652	− 5	...	...
...	1·632	+46·475	− 5	...	...
*	1·372	−38·510	1·00	...	...
...	1·368	+14·705	− 4	...	...
...	1·283	− 1·239	− 3	...	...

821, 827. C.P.D., possible mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
991-1050					
991	′	′		°	
...	− 1·274	−21·007	− 3	...	...
...	1·269	−48·863	− 3	...	...
*	1·169	+27·851	1·40	45.8044	9·2
...	1·140	+39·071	− 3	...	...
...	0·872	−22·689	− 5	...	...
*	− 0·819	−38·934	1·20	46.8097	9·5
...	0·791	+ 2·947	− 1	...	...
...	0·785	− 0·558	− 4	*m*	...
...	0·691	−12·928	0·75	...	...
...	0·586	− 6·849	− 1	...	...
1001					
...	− 0·567	+22·782	− 5	...	...
†	0·510	−48·740	− 3	...	...
†	0·405	+35·529	− 5	...	...
...	0·191	−27·651	− 5	...	...
...	0·180	−16·884	− 2	...	...
*	− 0·165	+10·631	0·95	45.8045	9·6
...	0·154	−50·428	− 5	...	...
...	0·145	−26·683	− 5	*m*	...
*	0·127	−41·416	1·50	46.8098	9·0
...	0·100	−34·692	− 5	...	...
1011					
...	− 0·064	+24·046	− 5	...	...
...	+ 0·043	−53·382	− 5	...	...
...	0·052	+33·065	− 4	...	...
...	0·082	−41·299	− 3	...	...
...	0·094	+22·927	− 4	...	...
*	+ 0·112	+28·788	0·80	....	...
*	0·145	−30·592	0·80	...	...
...	0·173	−18·208	− 4	...	...
...	0·259	−49·398	0·70	...	...
...	0·288	−19·082	− 5	*m*	...
1021					
...	+ 0·293	−22·331	− 5	...	...
*	0·306	+35·919	0·85	...	...
N	0·374	+13·734	− 5	...	...
...	0·427	−19·189	− 1	...	...
...	0·449	−10·440	− 5	...	...
...	+ 0·483	+25·961	− 5	...	...
...	0·502	+13·770	− 2	...	...
...	0·527	+ 2·554	− 4	...	...
†	0·564	− 4·837	− 5	M	...
...	0·598	+21·897	− 4	...	...
1031					
...	+ 0·631	− 3·758	− 4	...	...
...	0·732	−18·291	− 5	*m*	...
...	0·752	−12·160	− 5	...	...
...	0·769	−17·969	− 3	...	...
...	0·770	−40·304	− 5	...	...
...	+ 0·825	+15·809	− 3	...	...
...	0·865	−24·224	− 2	...	...
...	0·882	+ 0·236	0·85	M *f*	...
...	0·888	+18·447	− 2	...	...
...	0·890	−41·087	− 3	...	...
1041					
...	+ 0·908	+42·089	0·75	...	...
...	0·910	−15·198	− 4	...	...
*	0·945	−24·467	1·60	46.8099	8·9
...	0·983	+14·079	− 5	...	...
...	1·047	−15·068	− 5	...	...
...	+ 1·064	−17·426	− 3	...	...
...	1·149	−17·378	− 3	...	...
...	1·219	+19·793	− 5	...	...
...	1·435	− 7·478	0·65	...	...
...	1·442	+51·024	− 5	*m*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1051-1110					
1051	′	′		°	
...	+ 1·482	+22·173	0·80	...	...
...	1·483	+29·402	− 5	...	...
...	1·503	+48·366	− 4	...	...
...	1·504	+51·713	− 5	...	...
...	1·567	−50·053	− 5	...	...
...	+ 1·568	+54·135	− 5	...	...
...	1·579	− 0·788	− 3	...	...
...	1·639	−48·947	− 5	...	...
...	1·640	−18·479	− 5	...	...
*	1·674	−10·653	0·90	...	...
1061					
...	+ 1·680	+49·686	− 4	...	...
...	1·716	+27·041	− 5	...	...
...	1·719	+ 9·074	− 4	...	...
...	1·858	+35·754	− 2	...	...
...	1·923	+30·983	0·80	...	...
...	+ 2·018	−18·158	− 5	...	...
... [	2·144	+58·940	− 3	...	...
... [	2·187	+58·842	0·70	...	...
...	2·291	+54·125	− 4	...	...
...	2·387	+37·159	0·70	...	...
1071					
...	+ 2·419	+10·016	− 5	...	...
...	2·466	+46·669	− 4	...	...
...	2·482	−42·221	− 5	...	...
...	2·516	−54·112	− 3	...	...
†	2·538	−19·831	− 3	...	...
...	+ 2·564	−48·371	− 5	...	...
...	2·604	−15·283	− 3	...	...
...	2·752	+ 9·778	− 4	...	...
...	2·782	+29·295	− 4	...	...
*	2·827	+34·030	1·10	45.8046	9·6
1081					
...	+ 2·842	+30·398	− 4	...	...
...	3·025	−11·735	0·80	...	...
...	3·081	−55·015	− 5	...	...
...	3·124	+53·737	− 5	...	...
...	3·133	+57·645	− 5	...	...
...	+ 3·216	−27·379	− 5	...	...
...	3·244	+10·389	− 2	...	...
...	3·363	−40·834	− 4	...	...
...	3·434	−28·958	− 5	...	...
...	3·439	−46·223	− 5	...	...
1091					
...	+ 3·499	+28·868	− 5	...	...
...	3·526	−28·183	− 4	...	...
...	3·528	−49·178	− 5	...	...
...	3·571	−16·822	− 5	M *m*	...
...	3·618	+17·131	− 3	...	...
...	+ 3·627	+27·652	− 5	...	...
...	3·656	+24·685	− 5	...	...
†	3·694	−39·830	− 4	...	...
...	3·779	+46·740	− 5	...	...
*	3·826	+23·306	1·10	...	...
1101					
...	+ 3·845	−31·578	− 5	M *m*	...
...	3·880	+13·510	− 1	...	...
...	3·905	−44·133	− 5	...	...
...	4·103	−24·624	− 4	...	...
...	4·235	−22·016	− 5	...	...
...	+ 4·252	−34·294	0·75	...	...
*	4·290	−37·119	1·00	46.8100	9·6
...	4·318	+56·210	0·95	...	...
...	4·333	−38·202	− 5	M *m*	...
...	4·379	−38·202	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1111-1170					
1111	′	′		°	
...	+ 4·389	−30·085	− 2	...	...
...	4·404	+43·004	− 3	...	...
‡	4·419	−41·924	1·15	46.8101	9·3
...	4·489	+24·248	− 5	...	...
...	4·710	+40·864	− 5	...	...
...	+ 4·745	+33·880	− 4	...	...
*	4·868	+ 9·242	0·95	...	...
...	4·881	−23·440	0·70	...	...
...	4·933	+ 3·013	− 5	...	...
*	4·984	− 2·597	1·50	45.8047	9·0
1121					
*	+ 4·997	−50·135	1·40	46.8102	9·2
*	5·029	−29·954	0·85	...	...
*	5·129	+17·606	0·95	...	...
...	5·130	− 4·262	− 5	...	...
‡	5·144	−39·777	0·90	...	...
...	+ 5·284	+22·375	0·70	...	...
...	5·296	−29·339	− 3	...	...
...	5·338	−33·684	− 5	...	...
...	5·362	−24·512	− 4	...	...
...	5·382	+26·972	0·80	...	...
1131					
...	+ 5·457	+39·559	0·65	...	...
...	5·548	+35·188	− 4	...	...
...	5·725	+35·218	− 3	...	...
*	5·749	−12·701	1·00	...	...
...	5·857	+49·828	− 4	...	...
...	+ 5·924	+ 0·306	− 3	*a m*	...
...	5·973	− 5·360	− 2	...	...
...	5·988	−17·948	− 5	...	...
...	6·011	+ 9·641	− 5	...	...
...	6·035	+29·688	0·65	...	...
1141					
*	+ 6·047	+19·501	2·40	45.8048	8·4
...	6·070	+ 5·600	0·85	...	...
...	6·147	+19·289	− 2	...	...
·*	6·149	−16·300	1·40	46.8103	9·2
*	6·157	+28·817	1·15	45.8049	9·6
...	+ 6·189	−36·319	− 2	...	...
*	6·299	+31·357	0·95	...	...
*	6·430	+20·456	1·00	...	...
...	6·469	−51·142	− 5	...	...
...	6·491	− 8·337	− 5	...	...
1151					
...	+ 6·497	+47·352	0·65	...	...
...	6·503	+15·320	− 5	...	...
...	6·522	−33·580	− 3	...	...
...	6·621	− 2·643	− 5	...	...
...	6·772	+11·581	0·85	...	...
...	+ 6·781	−49·977	− 2	...	...
†	6·788	−34·766	− 4	*m*	...
*	6·803	−27·771	1·05	46.8104	9·5
...	6·830	− 1·511	0·70	...	...
...	6·997	− 6·695	− 5	*m*	...
1161					
...	+ 7·058	−36·031	− 3	...	...
...	7·083	−30·307	0·70	...	...
...	7·168	− 2·133	− 5	M *m*	...
...	7·201	+ 3·478	− 4	M	...
...	7·213	+28·912	− 5	...	...
...	+ 7·259	−45·363	− 1	...	...
...	7·266	−45·883	− 1	...	...
...	7·370	+25·330	0·65	...	...
...	7·442	−22·160	− 5	...	...
*	7·504	+ 2·914	3·30	45.8050	8·0

1023. Partly obscured by flaw.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1171–1230					
1171	′	′		°	
...	+ 7·627	−26·917	− 4	...	...
...	7·694	+47·348	0·65	...	...
...	7·725	−39·121	− 1	...	...
...	7·769	+25·312	− 2	...	...
...	7·786	−19·171	0·70	...	...
...	+ 7·913	+ 3·106	− 5	...	...
...	7·934	+21·594	− 1	...	...
...	7·936	+38·827	0·65	...	...
...	8·008	+56·907	− 5	...	...
...	8·207	+ 0·660	− 5	...	...
1181					
...	+ 8·416	−47·416	− 5	M *m*	...
...	8·450	− 8·636	− 4	...	...
...	8·456	− 6·719	0·75	...	...
...	8·545	+11·915	− 4	...	...
...	8·634	+25·490	0·65	...	...
...	+ 8·661	+54·847	− 5	...	...
...	8·758	+11·587	− 3	...	...
...	8·840	+57·142	− 5	...	...
...	8·849	+42·689	− 5	...	...
...	8·857	+46·215	0·65	...	...
1191					
...	+ 8·895	− 6·349	− 5	...	...
...	8·943	+28·327	− 4	...	...
...	9·032	−43·716	− 2	...	...
...	9·053	+19·075	− 3	...	...
...	9·065	− 2·305	− 5	...	...
...	+ 9·120	−46·732	− 3	...	...
...	9·146	+30·085	0·75	...	...
...	9·147	+22·553	0·65	...	...
*	9·177	− 6·975	0·95	...	...
...	9·180	+49·367	0·80	...	...
1201					
...	+ 9·206	− 3·266	− 2	...	...
...	9·249	+21·811	− 1	...	...
...	9·259	−37·568	− 5	*m*	...
...	9·265	+19·969	− 5	...	...
...	9·270	−23·003	0·65	...	...
S ‡	+ 9·358	−43·732	2·65	46.8105	7·7
...	9·417	−16·669	− 4	...	...
†	9·522	+ 3·958	− 1	...	...
†	9·588	+42·750	− 3	...	...
...	9·779	−12·438	− 2	...	...
1211					
...	+10·053	+43·100	− 5	...	...
...	10·079	− 7·900	− 5	*m*	...
...	10·112	+37·992	− 5	...	...
...	10·222	+17·849	− 4	...	...
...	10·292	+36·733	− 5	...	...
...	+10·314	+ 5·975	− 3	...	...
...	10·314	−42·694	− 5	...	...
...	10·569	+ 4·207	− 5	...	...
...	10·632	+ 9·027	− 5	...	...
...	10·641	−57·374	− 4	...	...
1221					
...	+10·843	−36·450	− 3	...	...
...	10·844	−31·150	− 5	*m*	...
...	10·879	+29·840	− 5	...	...
...	10·883	−32·914	− 3	...	...
...	10·889	−36·601	0·75	...	...
...	+10·932	−22·477	− 5	...	...
...	10·933	−29·426	− 5	...	...
...	10·939	+30·603	0·80	45.8051	9·6
...	11·003	+30·653	− 4	...	...
...	11·078	+24·594	− 2	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1231–1290					
1231	′	′		°	
...	+11·158	−31·924	0·75	...	...
...	11·160	+36·134	− 3	...	...
...	11·234	−22·998	− 3	...	...
...	11·254	+23·698	− 5	...	...
...	11·257	+30·145	− 5	...	...
...	+11·338	−24·206	− 5	...	...
...	11·392	+49·315	− 5	...	...
...	11·465	+18·211	− 5	...	...
*	11·527	−16·294	0·90	...	...
...	11·618	−26·644	0·70	...	...
1241					
...	+11·688	−30·102	− 1	...	...
...	11·751	+20·472	− 2	...	...
...	11·755	+21·457	− 2	...	...
...	11·766	−23·945	− 4	...	...
...	11·800	+24·933	− 5	...	...
...	+11·841	+20·735	− 4	...	...
...	11·932	−37·749	− 1	...	...
...	12·006	−37·251	− 5	...	...
...	12·007	+24·454	− 5	...	...
...	12·015	−37·096	− 1	...	...
1251					
...	+12·063	− 7·726	− 5	...	...
...	12·115	−20·920	0·70	...	...
...	12·266	+52·960	− 5	...	...
...	12·299	+27·074	− 2	...	...
...	12·399	− 9·892	− 5	*m*	...
...	+12·516	+15·335	− 5	...	...
*	12·749	+12·851	1·90	45.8052	8·8
...	12·859	+25·191	− 5	*m*	...
...	12·898	−28·273	0·70	...	...
...	12·905	−49·531	− 3	...	...
1261					
...	+13·037	+20·419	− 5	...	...
...	13·237	+ 9·152	− 5	...	...
...	13·389	+28·095	0·85	...	...
...	13·495	−15·353	− 5	...	...
...	13·642	+28·358	− 5	...	...
...	+13·650	+25·634	− 5	...	...
...	13·697	−12·895	− 5	...	...
*	13·702	+37·462	1·80	45.8053	8·8
...	13·745	+ 1·844	− 3	...	...
...	13·751	+12·396	− 5	...	...
1271					
...	+13·802	+ 7·475	− 3	...	...
...	13·809	+31·799	− 5	...	...
...	13·825	−10·352	− 5	...	...
...	13·827	+ 1·575	− 5	...	...
...	13·840	+13·668	− 2	...	...
...	+13·858	−56·825	− 4	...	...
...	13·972	+14·320	− 3	...	...
...	14·023	+28·373	− 5	...	...
...	14·072	+36·115	− 5	...	...
...	14·108	−41·617	− 5	...	...
1281					
...	+14·109	+36·392	− 4	...	...
...	14·163	−16·047	− 5	...	...
...	14·217	+23·975	− 5	...	...
...	14·268	−23·369	− 3	...	...
...	14·285	+10·130	− 5	...	...
†	+14·330	− 4·917	− 5	...	...
...	14·377	+16·780	− 5	...	...
...	14·378	−26·765	− 5	...	...
...	14·382	+ 2·333	− 3	...	...
†	14·438	−47·495	− 1	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1291–1350					
1291	′	′		°	
...	+14·588	+22·493	− 2	...	...
...	14·723	− 7·745	0·65	...	...
...	14·783	−56·136	− 3	...	...
...	14·838	+21·245	− 5	...	...
*	14·880	+35·953	1·05	45.8054	9·5
...	+14·913	−26·289	− 2	...	...
...	15·045	+ 9·200	− 5	...	...
...	15·081	−34·013	− 5	...	...
...	15·095	−22·225	− 3	...	...
...	15·123	+29·559	− 3	...	...
1301					
...	+15·192	+52·644	0·75	...	...
...	15·262	+55·619	− 3	...	...
...	15·280	−36·600	− 2	...	...
...	15·280	−41·007	− 4	...	...
...	15·418	−32·766	− 5	...	...
...	+15·425	+27·135	− 4	...	...
...	15·438	−17·284	0·75	...	...
...	15·456	+ 8·781	− 5	...	...
...	15·516	− 1·388	0·65	...	...
...	15·562	+16·041	− 5	...	...
1311					
...	+15·568	+28·312	− 5	*m*	...
*	15·609	−41·136	1·20	46.8106	9·4
...	15·839	−12·332	− 5	*m*	...
...	15·877	+37·600	0·75	...	...
...	15·881	+24·542	− 5	*m*	...
...	+15·948	+54·744	− 1	...	...
...	15·973	−12·258	− 5	*m*	...
...	16·034	−39·433	0·80	...	...
...	16·072	+45·763	0·90	...	...
...	16·282	+52·004	− 3	...	...
1321					
...	+16·287	+ 5·758	− 3	...	...
...	16·320	+55·615	− 1	...	...
...	16·334	−12·386	0·65	...	...
...	16·391	+24·893	− 5	...	...
...	16·404	+39·316	0·70	...	...
...	+16·417	−24·176	− 1	...	...
...	16·499	+20·690	− 5	...	...
...	16·500	− 1·274	− 5	...	...
...	16·515	−15·912	− 4	*m*	...
...	16·550	+ 4·217	− 4	...	...
1331					
...	+16·554	+ 2·715	− 2	...	...
...	16·696	+ 2·648	0·80	...	...
...	16·798	−31·607	0·80	...	...
...	16·876	+ 3·762	− 2	...	...
...	16·935	+25·898	− 2	...	...
...	+16·966	− 9·571	0·65	...	...
...	16·980	+12·263	− 5	*m*	...
...	17·030	−33·283	0·70	...	...
...	17·078	+10·809	− 4	...	...
...	17·157	+20·571	0·70	...	...
1341					
...	+17·186	−12·069	− 5	...	...
...	17·225	−44·046	− 4	...	...
†	17·233	+24·970	− 3	...	...
...	17·236	+28·958	− 5	*m*	...
...	17·260	+31·635	− 5	...	...
...	+17·365	−35·198	0·85	...	...
...	17·426	+57·221	− 1	...	...
...	17·426	+16·342	− 5	...	...
...	17·426	−14·057	− 5	*m*	...
...	17·469	−20·680	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1351–1410					
1351					
...	+17·514	−41·337	− 5	*m*	...
...	17·530	+48·892	− 4	...	...
...	17·542	+32·024	0·80	...	...
*	17·556	+50·159	0·95	...	...
...	17·603	−38·422	− 5	...	...
*	+17·615	+26·200	0·80	...	...
*	17·646	− 2·742	1·00	...	...
...	17·658	−40·525	− 3	...	...
...	17·742	−10·468	− 4	...	...
...	17·769	−22·292	− 5	...	...
1361					
...	+17·786	−21·988	0·90	...	...
*	17·865	+54·052	1·10	...	...
...	17·912	−14·127	− 5	*m*	...
*	17·943	+40·958	1·00	45.8055	9·6
*	17·943	−36·971	0·85	...	...
...	+18·043	+47·519	− 5	*m*	...
...	18·172	+ 3·058	− 3	...	...
*	18·217	+12·738	1·00	...	...
...	18·240	−22·860	0·70	...	...
...	18·263	+39·027	− 4	...	...
1371					
...	+18·319	+44·479	− 5	...	...
†	18·351	+30·003	− 4	...	...
...	18·421	+39·138	− 5	*m*	...
S *	18·523	+36·435	1·95	45.8056	8·4
...	18·649	−30·141	− 4	*m*	...
*	+18·779	−50·060	1·90	46.8108	8·9
...	18·918	−39·363	− 2	...	...
...	18·940	−40·776	− 3	...	...
...	19·095	−33·845	0·75	...	...
...	19·100	− 2·082	− 4	*m*	...
1381					
*	+19·152	−12·661	1·10	46.8109	9·6
...	19·196	−26·757	− 5	...	...
...	19·196	− 2·403	0·75	...	...
...	19·236	−28·910	− 4	...	...
...	19·284	+43·043	− 1	...	...
...	+19·378	+19·364	0·65	...	...
...	19·411	+47·955	− 5	*m*	...
†	19·490	+ 8·416	− 1	...	...
...	19·548	−33·620	− 3	...	...
...	19·551	−36·778	− 5	...	...
1391					
...	+19·577	−14·212	− 3	...	...
...	19·600	−40·677	0·70	...	...
...	19·611	+13·031	− 4	...	...
*	19·658	+ 6·754	0·95	45.8057	9·6
*	19·658	−28·047	0·80	...	...
...	+19·683	+15·197	− 5	...	...
...	19·686	+30·235	− 5	*m*	...
...	19·696	−36·740	− 5	...	...
...	19·863	−22·293	− 4	...	...
...	19·885	−12·694	− 5	...	...
1401					
...	+19·894	−32·560	− 5	...	...
...	19·962	−37·611	− 5	*m*	...
...	19·962	−54·979	− 3	...	...
...	20·085	−39·144	− 3	...	...
...	20·170	+14·372	− 5	...	...
...	+20·290	+17·682	− 4	...	...
...	20·362	+ 6·189	− 5	...	...
...	20·424	+12·485	− 5	...	...
...	20·476	+40·987	− 4	...	...
...	20·500	+37·520	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1411–1470					
1411					
...	+20·572	+43·845	− 5	...	...
...	20·613	−25·020	− 5	...	...
...	20·649	− 0·001	− 5	*m*	...
...	20·656	+ 1·214	− 4	...	...
...	20·722	+43·595	0·65	...	...
...	+20·802	−41·623	− 5	...	...
...	20·817	− 6·164	− 3	...	...
...	20·899	+ 1·782	− 5	...	...
...	20·986	−25·612	− 5	...	...
...	21·025	+13·861	− 5	...	...
1421					
...	+21·025	−39·584	− 5	...	...
...	21·180	+17·274	− 5	...	...
...	21·189	+38·985	− 5	...	...
*	21·200	− 0·339	1·10	45.8058	9·6
...	21·224	+ 2·779	0·70	...	...
*	+21·386	−36·858	0·90	...	...
...	21·452	−32·607	− 3	...	...
...	21·469	+45·557	0·65	...	...
*	21·524	+ 5·772	1·05	45.8059	9·6
...	21·558	+53·387	0·90	...	...
1431					
*	+21·580	−42·682	1·80	46.8110	8·8
...	21·590	−55·272	− 1	...	...
...	21·611	−33·544	0·75	...	...
...	21·634	−28·432	0·65	...	...
...	21·634	−45·953	− 3	...	...
...	+21·635	− 2·173	− 2	...	...
*	21·681	+18·615	1·70	45.8060	9·0
...	21·750	−31·529	− 5	...	...
...	21·761	−30·911	− 5	...	...
...	21·825	−32·591	− 5	...	...
1441					
...	+21·836	+14·611	− 5	...	...
...	21·874	−46·980	− 5	...	...
...	21·935	−36·961	0·70	...	...
...	21·979	− 1·273	− 4	...	...
†	22·045	−59·721	− 3	...	...
*	+22·059	−32·222	1·00	46.8111	9·6
*	22·148	− 7·091	0·95	...	...
... [	22·159	−31·096	0·70	...	...
... [	22·200	−31·067	0·70	...	...
...	22·176	+46·187	− 2	...	...
1451					
...	+22·262	+21·146	− 4	...	...
*	22·268	−39·866	0·75	...	...
...	22·294	−43·136	− 4		
...	22·313	+49·885	− 5	...	...
...	22·327	−10·093	− 2	...	...
*	+22·423	−47·038	0·85	...	...
...	22·424	+28·221	− 2	...	...
...	22·483	+39·892	− 4	*m*	...
...	22·518	−11·352	− 5	...	...
...	22·592	−34·318	− 5	...	...
1461					
...	+22·712	+14·862	− 5	...	...
...	22·785	−22·816	− 5	...	...
...	22·829	−46·551	0·70	...	...
...	22·860	+ 7·506	− 3	...	...
...	22·890	+42·475	− 4	...	...
*	+22·948	+12·832	1·10	45.8061	9·6
...	23·039	+ 9·221	− 3	...	...
*	23·095	+ 6·929	1·05	45.8062	9·6
*	23·107	−25·393	1·00	...	...
...	23·129	+ 8·236	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1471–1530					
1471					
*	+23·133	+31·757	1·20	45.8063	9·4
...	23·148	+30·354	− 5	...	...
...	23·158	−50·469	− 5	...	...
...	23·169	+57·839	0·85	...	...
*	23·264	−27·080	2·00	46.8112	8·4
...	+23·269	+30·525	− 5	...	...
...	23·283	−55·838	− 2	...	...
*	23·365	−30·143	0·80	...	...
...	23·367	+46·962	− 4	...	...
...	23·371	−23·123	− 4	...	...
1481					
*	+23·638	+ 8·710	0·95	45.8064	9·6
...	23·667	−17·544	− 5	...	...
*	23·785	+21·680	0·85	...	...
...	23·825	−31·947	− 5	...	...
*	23·893	+ 4·595	0·95	45.8065	9·6
...	+23·950	−33·915	− 4	...	...
...	23·961	−33·750	− 5	...	...
...	23·965	+28·810	− 1	...	...
...	24·011	−32·621	− 5	...	...
...	24·059	+ 1·005	− 2	...	...
1491					
...	+24·103	−40·169	− 2	...	...
...	24·208	−22·973	− 5	...	...
...	24·349	+11·564	− 3	...	...
...	24·351	−18·691	− 5	...	...
...	24·391	+ 9·496	− 5	...	...
...	+24·705	+12·475	0·75	...	...
*	24·710	+ 3·404	0·85	...	...
...	24·718	−41·681	0·65	...	...
...	24·769	+ 4·621	− 5	...	...
...	24·786	+47·886	− 4	...	...
1501					
...	+24·830	−29·417	− 4	...	...
*	24·879	+33·090	0·80	...	...
‡	25·000	−39·858	1·90	46.8113	8·6
*	25·012	+48·539	1·00	45.8066	9·6
...	25·029	− 2·831	− 3	...	...
‡	+25·074	−19·790	0·75	...	...
...	25·178	−29·188	0·85	...	...
...	25·189	−42·140	0·70	...	...
...	25·215	−13·928	− 3	...	...
...	25·316	−37·256	− 4	...	...
1511					
...	+25·369	− 2·802	− 4	...	...
...	25·417	−10·460	0·65	...	...
*	25·465	−52·886	1·40	46.8114	9·4
...	25·477	+54·690	− 4	*m*	...
...	25·507	+22·741	− 5	*m*	...
*	+25·512	−54·541	1·90	46.8115	9·0
...	25·580	− 6·003	0·65	...	...
...	25·645	+55·538	0·90	...	...
...	25·659	+34·246	− 3	...	...
...	25·673	+ 9·629	0·70	...	...
1521					
*	+25·714	+57·516	1·00	...	...
...	25·748	−33·568	− 2	...	...
†	25·773	+49·999	− 3	...	...
...	25·861	−19·650	− 5	...	...
...	26·073	−12·590	− 3	...	...
*	+26·202	−27·634	0·75	...	...
...	26·226	− 0·651	− 4	...	...
...	26·251	+23·402	− 4	...	...
‡	26·371	−24·905	0·90	...	...
...	26·404	+44·809	0·70	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
1531–1590					
1531				°	
*	+26′422	−26′350	0·75	...	...
...	26·467	−42·835	− 3	...	...
...	26·492	+11·818	0·70	...	...
...	26·553	+53·122	− 5	*m*	...
...	26·565	+28·526	− 4	...	...
...	+26·571	−24·624	0·65	...	...
*	26·656	−19·565	0·80	...	...
...	26·677	−10·111	0·65	...	...
...	26·682	+ 9·878	− 5	...	...
...	26·706	−40·738	0·70	...	...
1541					
*	+26·714	+ 7·723	0·90	...	...
...	26·729	−47·434	0·65	...	...
...	26·786	−17·013	− 5	*m*	...
*	26·926	−22·572	1·00	...	...
...	26·937	+29·596	− 1	...	...
...	+26·945	−40·496	0·65	...	...
...	26·984	−59·291	− 4	...	...
...	26·997	−34·908	0·80	...	...
*	27·003	+34·869	0·70	...	...
...	27·006	−32·689	− 5	...	...
1551					
...	+27·056	−14·488	− 2	...	...
...	27·057	+ 1·814	− 3	...	...
...	27·094	+42·449	− 4	*m*	...
...	27·194	+23·435	0·65	...	...
...	27·197	−11·249	− 3	...	...
†	+27·216	+54·946	0·65	...	...
...	27·286	+20·363	− 3	...	...
...	27·311	−35·289	− 4	*m*	...
...	27·388	−21·831	− 4	...	...
...	27·395	−16·287	− 4	*m*	...
1561					
...	+27·396	+39·231	0·65	...	...
...	27·417	− 9·679	− 4	...	...
...	27·425	−45·803	0·65	...	...
*	27·518	−30·669	1·90	46.8116	8·8
...	27·520	− 0·822	− 1	...	...
...	+27·582	+45·830	− 4	...	...
...	27·591	+ 1·366	− 3	...	...
...	27·668	−17·408	0·75	...	...
...	27·712	+45·797	− 4	...	...
...	27·734	+ 5·170	− 2	...	...
1571					
...	+27·749	−46·542	0·75	...	...
...	27·764	−12·766	− 2	...	...
...	27·823	+30·088	0·65	...	...
...	27·898	−23·705	0·65	...	...
...	27·911	−32·651	− 5	*m*	...
...	+27·957	−37·443	0·80	...	...
*	27·979	+25·501	0·95	...	...
*	27·997	−27·769	1·40	46.8117	9·5
...	28·001	+21·923	− 3	...	...
...	28·008	−46·022	0·65	...	...
1581					
...	+28·106	+ 7·977	− 1	...	...
...	28·126	+ 3·410	− 2	...	...
...	28·230	+ 8·785	− 2	...	...
*	28·243	−11·208	1·00	...	...
...	28·282	−26·326	− 2	...	...
...	+28·351	+27·387	− 1	...	...
...	28·441	−47·089	− 1	...	...
...	28·464	−26·506	− 2	...	...
...	28·540	−52·809	0·65	...	...
...	28·615	−26·324	− 4	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
1591–1650					
1591				°	
*	+28′626	+34′495	0·75	...	...
...	28·662	− 0·289	0·75	...	...
...	28·672	+35·738	0·80	...	...
...	28·703	−18·047	− 4	...	...
...	28·832	−49·411	− 5	*m*	...
...	+28·866	− 5·807	− 3	...	...
...	28·888	−37·183	− 5	*m*	...
...	28·934	−46·503	− 1	...	...
...	29·043	+ 0·791	0·65	...	...
...	29·065	−45·806	− 3	...	...
1601					
...	+29·178	−35·197	− 1	...	...
*	29·221	−45·338	1·20	46.8118	9·6
...	29·249	−40·575	0·70	...	...
...	29·281	+14·259	− 2	...	...
†	29·383	−28·041	0·75	...	...
...	+29·416	+41·045	− 2	...	...
...	29·511	−48·393	− 5	...	...
...	29·542	−23·409	− 4	...	...
...	29·576	−48·532	0·75	...	...
*	29·696	−23·521	1·40	46.8119	9·0
1611					
...	+29·749	−39·240	− 1	...	...
...	29·769	+15·304	− 4	...	...
...	29·790	+42·617	− 5	...	...
...	29·794	−35·471	− 5	...	...
...	29·852	−24·373	− 5	...	...
...	+29·919	−21·642	− 3	...	...
...	29·981	+53·855	− 3	...	...
...	30·010	− 3·011	− 5	...	...
...	30·025	+18·017	− 4	...	...
...	30·073	+45·399	− 5	*m*	...
1621					
...	+30·158	−44·135	− 2	...	...
...	30·176	−18·769	− 4	...	...
...	30·196	−41·162	− 5	...	...
*	30·202	+37·538	1·70	45.8067	9·0
...	30·293	−37·038	− 4	...	...
...	+30·348	+23·589	0·65	...	...
...	30·416	+57·176	0·70	...	...
*	30·430	+ 8·072	1·35	45.8068	9·2
...	30·488	+33·618	− 4	...	...
...	30·567	−48·406	− 1	...	...
1631					
...	+30·625	−23·019	− 5	*m*	...
†	30·642	−54·799	− 5	*m*	...
†	30·682	−29·790	− 4	...	...
*	30·685	−54·275	1·25	46.8120	9·4
...	30·713	+41·794	− 1	...	...
...	+30·747	−24·952	− 5	...	...
...	30·878	−38·557	− 5	...	...
...	30·962	−13·005	− 4	...	...
...	31·012	+51·824	− 5	*m*	...
...	31·028	−56·058	− 4	...	...
1641					
*	+31·073	− 2·600	0·90	45.8069	9·6
...	31·117	−48·193	0·85	...	...
...	31·135	− 1·450	− 5	...	...
...	31·144	+42·115	− 1	...	...
...	31·392	− 6·959	− 5	...	...
...	+31·406	−21·749	− 5	*m*	...
...	31·449	−12·487	− 5	...	...
...	31·525	−34·247	− 3	...	...
...	31·621	−57·433	0·70	...	...
...	31·644	+23·104	− 5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
1651–1710					
1651				°	
...	+31′724	− 1′491	− 5	*m*	...
*	31·725	−35·221	0·90	...	...
...	31·755	+40·368	− 2	...	...
...	31·796	−46·889	− 4	...	...
...	31·842	−44·998	− 3	...	...
...	+31·880	−28·613	− 4	...	...
...	32·013	−34·890	− 5	...	...
...	32·015	+40·750	− 4	...	...
...	32·027	− 7·016	0·65	...	...
...	32·046	+40·995	− 5	*m*	...
1661					
...	+32·150	−45·538	− 3	...	...
*	32·157	−10·850	0·90	...	...
...	32·158	− 3·582	− 5	...	...
...	32·303	+18·202	− 4	...	...
...	32·464	− 3·547	− 5	...	...
...	+32·478	+46·366	− 5	*m*	...
...	32·498	−51·777	0·65	...	...
...	32·535	+43·311	− 5	...	...
...	32·551	+51·370	− 5	*m*	...
...	32·604	+45·997	− 5	*m*	...
1671					
...	+32·681	−26·127	− 5	...	...
...	32·703	−11·782	− 5	...	...
...	32·752	+36·435	− 4	...	...
*	32·828	−29·432	1·70	46.8121	8·9
...	32·918	−12·984	− 4	...	...
...	+32·943	−38·364	0·75	...	...
...	32·988	+23·652	− 5	...	...
...	33·028	−12·061	− 5	...	...
...	33·133	− 9·640	− 5	*m*	...
...	33·135	+25·518	− 4	...	...
1681					
...	+33·157	−13·378	− 4	...	...
...	33·304	+55·717	− 5	...	...
...	33·330	−15·236	− 4	...	...
...	33·530	+39·044	− 4	...	...
...	33·574	− 1·051	− 5	...	...
*	+33·576	+37·872	1·05	45.8070	9·5
*	33·618	−50·154	0·95	...	...
...	33·624	+20·412	0·75	...	...
...	33·644	−20·491	− 5	*m*	...
...	33·706	+41·389	− 4	...	...
1691					
...	+33·736	−50·711	− 1	...	...
...	33·846	−54·382	− 4	...	...
...	33·857	+48·179	− 5	*m*	...
...	33·888	−49·464	− 5	...	...
...	33·939	−14·209	− 5	...	...
...	+33·945	+41·622	− 5	...	...
...	33·965	+25·678	− 5	*m*	...
S *	34·087	+14·305	2·60	45.8071	8·0
*	34·151	−34·359	0·90	...	...
...	34·163	−48·507	− 5	...	...
1701					
...	+34·165	−42·588	− 5	*m*	...
...	34·174	+26·445	− 2	...	...
†	34·393	−23·459	− 4	...	...
†	34·438	− 9·353	− 3	...	...
...	34·579	+54·137	− 1	...	...
...	+34·653	−12·730	− 5	...	...
...	34·818	−48·010	− 4	...	...
*	34·917	+46·882	1·15	45.8072	9·6
...	34·931	+ 1·510	− 2	...	...
...	34·969	−12·589	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1711–1770					
1711	′	′		°	
...	+34·970	−35·568	0·80	...	...
...	35·009	− 2·284	− 5	...	...
...	35·085	−11·366	− 4	...	...
...	35·161	−25·608	0·85	...	...
...	35·211	−39·605	0·80	...	...
...	+35·226	+35·216	− 4	...	...
...	35·267	−56·645	− 1	...	...
...	35·299	+32·727	− 3	...	...
†	35·359	+25·057	− 3	...	...
...	35·364	+13·060	0·70	...	...
1721					
...	+35·479	+37·732	− 4	...	...
...	35·784	−36·956	− 5	*m*	...
...	35·795	+41·783	− 3	...	...
...	35·849	−13·166	− 3	...	...
...	35·887	−58·732	− 5	...	...
...	+35·899	−59·430	− 1	...	...
...	36·013	+21·072	0·85	...	...
...	36·036	−32·758	− 3	...	...
...	36·120	−31·777	− 3	...	...
...	36·167	−38·131	0·65	...	...
1731					
...	+36·228	−22·151	0·65	...	...
...	36·236	−42·022	− 5	...	...
...	36·348	−49·317	− 3	...	...
*	36·393	+48·808	0·80	...	...
...	36·425	+35·731	0·65	...	...
...	+36·471	−23·820	− 5	...	...
...	36·560	−31·072	− 4	...	...
...	36·601	−57·131	− 3	*a*	...
...	36·637	−37·744	− 3	...	...
*	36·671	−27·437	1·20	46.8122	9·6
1741					
...	+36·748	−28·913	− 3	...	...
*	36·800	−16·665	1·00	46.8124	9·6
...	36·908	−32·556	− 5	*m*	...
...	36·961	+58·453	0·95	...	...
...	37·025	+27·718	− 5	*m*	...
...	+37·110	−16·668	− 5	...	...
...	37·172	+59·220	− 5	...	...
...	37·210	−47·734	0·65	...	...
...	37·309	− 1·867	− 4	...	...
...	37·342	−20·901	− 3	...	...
1751					
...	+37·458	− 8·655	0·70	...	...
*	37·475	+21·547	1·35	45.8073	9·2
...	37·561	+36·458	0·65	...	...
...	37·622	+39·600	− 4	...	...
...	37·647	−30·054	− 1	...	...
...	+37·656	+50·039	0·65	...	...
...	37·720	−31·835	− 4	...	...
...	37·730	−30·874	0·70	...	...
...	37·784	−28·213	− 3	...	...
*	37·843	+52·264	1·40	45.8074	9·6
1761					
*	+37·949	+ 7·965	1·00	45.8075	9·6
...	38·001	+44·340	− 5	...	...
...	38·096	−11·346	0·80	...	...
...	38·139	− 0·397	− 5	*m*	...
...	38·163	−32·248	0·65	...	...
...	+38·166	−35·383	− 3	...	...
...	38·320	−58·104	1·05	...	...
...	38·329	−38·999	0·65	...	...
...	38·330	−30·694	− 1	...	...
...	38·361	+57·308	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1771–1830					
1771	′	′		°	
...	+38·447	−32·016	− 1	...	...
...	38·505	−42·233	0·70	...	...
...	38·516	+47·382	0·70	...	...
...	38·549	−38·674	0·65	...	...
...	38·669	−18·057	0·70	...	...
...	+38·718	−56·897	− 1	...	...
...	38·757	+57·300	1·20	...	...
...	38·766	−14·384	0·75	...	...
...	38·938	−35·488	0·90	...	...
...	38·943	+57·604	− 4	...	...
1781					
...	+39·037	+47·375	− 5	...	...
...	39·047	−31·301	0·65	...	...
...	39·066	−32·650	− 4	*m*	...
*	39·087	−23·754	0·95	...	...
...	39·125	−33·680	− 5	*m*	...
...	+39·163	−37·616	− 4	...	...
...	39·204	−13·856	− 5	*m*	...
...	39·295	+ 4·834	0·65	...	...
...	39·322	− 2·602	− 5	...	...
†	39·424	−51·023	− 5	...	...
1791					
‡	+39·451	+49·781	1·00	45.8076	9·6
†	39·456	−11·363	− 5	...	...
...	39·480	−18·927	− 1	...	...
...	39·508	− 2·856	− 5	...	...
...	39·527	−17·845	− 5	...	...
N	+39·767	−53·944	− 3	...	...
†	39·795	−29·807	− 5	...	...
N	39·824	−53·896	− 3	...	...
...	39·960	−34·047	− 5	...	...
...	39·977	−27·646	− 5	*m*	...
1801					
...	+39·999	−26·355	0·70	...	...
...	40·121	−12·388	− 5	*m*	...
...	40·136	−58·314	− 5	...	...
...	40·139	+ 0·864	− 2	...	...
*	40·225	−11·037	1·40	46.8126	9·0
...	+40·256	− 8·239	− 5	*m*	...
...	40·259	+ 9·773	− 3	...	...
...	40·279	−47·249	− 5	...	...
...	40·430	+57·856	− 1	...	...
*	40·457	+ 6·779	1·05	45.8077	9·5
1811					
...	+40·517	+ 4·877	− 3	...	...
...	40·523	+21·033	− 3	...	...
...	40·556	+27·190	− 5	...	...
†	40·680	−34·811	− 5	*m*	...
...	40·694	+ 3·791	− 1	...	...
*	+40·729	−43·271	1·25	46.8127	9·0
...	40·811	−55·024	0·65	...	...
...	40·852	+ 3·829	− 5	...	...
...	40·939	−48·534	− 4	...	...
...	41·010	+ 3·623	− 5	*m*	...
1821					
...	+41·101	−22·875	− 2	...	...
...	41·112	− 5·033	− 4	...	...
S *	41·195	−39·964	1·80	46.8128	8·9
...	41·199	−46·937	− 2	...	...
...	41·540	− 2·106	− 4	...	...
*	+41·829	+ 1·001	0·80	...	...
...	41·838	−16·157	− 2	...	...
...	41·845	−19·459	− 5	*m*	...
...	41·860	−54·899	0·90	...	...
...	42·010	−37·202	− 5	*m*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1831–1890					
1831	′	′		°	
...	+42·239	− 8·759	− 3	...	...
*	42·278	−43·288	1·10	46.8130	9·6
...	42·287	+56·134	0·95	...	...
...	42·352	−56·659	− 5	...	...
...	42·396	−25·935	− 3	...	...
*	+42·461	−33·563	0·85	...	...
S *	42·520	−11·655	2·40	46.8129	8·0
...	42·555	+ 0·479	− 5	...	...
...	42·592	+ 8·920	− 4	...	...
...	42·634	− 4·067	− 5	...	...
1841					
...	+42·701	+45·343	− 4	*m*	...
...	42·837	+26·492	0·75	...	...
...	42·843	−57·247	− 1	...	...
...	42·874	+ 4·954	− 2	...	...
...	42·888	+36·100	− 3	...	...
...	+42·917	+36·781	− 4	...	...
...	43·049	+ 6·458	− 2	...	...
...	43·177	+56·591	− 3	...	...
...	43·231	−19·057	− 2	...	...
...	43·266	−58·087	1·00	...	...
1851					
...	+43·386	+24·255	− 4	...	...
...	43·386	+ 7·310	− 2	...	...
*	43·404	−16·642	0·90	...	...
...	43·423	+ 0·013	− 5	...	...
*	43·430	+16·926	1·05	45.8078	9·6
...	+43·539	−19·361	− 2	...	...
...	43·628	− 3·551	0·80	...	...
...	43·661	− 9·590	− 4	...	...
*	43·705	+38·805	1·10	45.8079	9·6
...	43·720	−44·459	− 4	...	...
1861					
...	+43·728	+49·283	− 5	...	...
...	43·732	+11·070	− 5	...	...
...	43·751	−59·584	0·80	...	...
...	43·796	−57·933	− 5	...	...
...	44·021	−26·224	− 3	...	...
...	+44·079	−43·485	− 3	...	...
...	44·175	− 0·556	− 4	...	...
...	44·196	− 3·092	− 5	...	...
...	44·212	−27·871	− 5	...	...
†	44·408	−50·539	0·70	...	...
1871					
‡	+44·464	+12·601	1·00	45.8080	9·6
...	44·534	−42·400	− 1	...	...
†	44·599	−49·796	− 2	...	...
...	44·775	−25·783	0·65	...	...
...	44·939	−41·708	− 3	...	...
...	+44·977	−57·954	− 4	...	...
*	45·014	+18·977	1·05	45.8081	9·5
...	45·144	−58·248	− 2	...	...
...	45·201	−35·444	− 1	...	...
...	45·345	−39·264	0·65	...	...
1881					
...	+45·382	−40·447	− 3	...	...
...	45·412	+ 0·794	− 2	...	...
*	45·469	−52·751	1·00	...	...
...	45·510	+15·799	− 2	...	...
...	45·511	−50·245	− 4	...	...
*	+45·633	+50·327	1·15	...	...
...	45·834	−38·556	− 1	...	...
...	45·871	+ 0·361	0·70	...	...
...	45·938	+ 4·658	− 3	...	...
...	45·945	−34·385	− 2	...	...

1796, 1798. 47°·100, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1891–1950					
1891					
…	+45·955	−55·978	0·85	…	…
…	45·968	−34·470	0·70	46.8131	9·6
…	46·002	−28·953	0·75	…	…
…	46·164	+ 2·194	− 5	…	…
…	46·201	−45·873	0·80	…	…
…	+46·241	−39·042	− 3	…	…
*	46·395	−53·620	1·30	46.8132	9·5
*	46·473	+33·116	1·30	45.8082	9·2
…	46·495	− 8·461	0·70	…	…
…	46·598	+ 8·912	− 4	*m*	…
1901					
*	+46·647	−38·369	0·95	…	…
*	46·654	+33·408	1·10	45.8083	9·5
…	46·826	−34·951	0·75	…	…
*	46·829	−49·027	1·10	46.8133	9·6
…	46·839	−52·775	0·90	…	…
…	+46·897	+ 2·311	− 5	*m*	…
†	46·903	+54·906	0·65	…	…
…	47·057	− 2·519	− 5	*m*	…
…	47·080	− 4·818	− 1	…	…
…	47·135	− 9·566	− 1	…	…
1911					
…	+47·253	−41·225	− 1	…	…
…	47·301	− 2·729	− 3	…	…
…	47·307	−32·868	− 4	…	…
…	47·371	−27·443	− 4	…	…
…	47·383	−47·390	0·80	…	…
…	+47·408	−54·009	− 4	…	…
…	47·527	−32·486	− 2	…	…
…	47·663	+ 0·901	− 5	*m*	…
…	47·681	− 1·475	− 2	…	…
…	47·759	−29·260	− 3	…	…
1921					
…	+47·764	−40·015	− 2	…	…
…	48·031	−43·936	0·65	…	…
…	48·058	+ 1·946	− 4	…	…
…	48·110	−56·453	− 1	…	…
…	48·270	+12·516	− 4	…	…
*	+48·286	+27·364	1·00	45.8084	9·6
…	48·315	+ 3·101	− 5	…	…
…	48·365	+26·052	− 3	…	…
S *	48·546	+49·363	3·00	45.8085	7·5
…	48·713	+ 0·714	− 5	…	…
1931					
…	+48·829	−34·295	− 1	…	…
…	48·914	+ 2·174	− 5	…	…
*	49·011	−38·224	1·10	46.8134	9·5
…	49·046	+ 3·356	− 3	…	…
…	49·096	−50·521	0·80	…	…
…	+49·126	−13·136	0·70	…	…
…	49·129	+ 4·636	− 5	…	…
…	49·183	+26·957	− 3	…	…
…	49·186	−47·969	− 1	…	…
‡	49·458	+12·997	0·90	45.8086	9·6
1941					
…	+49·465	−46·064	− 3	…	…
…	49·613	+22·335	0·65	…	…
…	49·682	−24·062	− 4	…	…
…	49·835	−35·663	− 5	…	…
…	49·915	−36·856	− 4	…	…
…	+49·952	+ 5·133	− 2	…	…
*	49·952	−44·072	1·15	46.8136	9·6
…	50·016	−54·568	− 5	…	…
…	50·108	+25·806	− 2	…	…
…	50·109	−35·164	− 4	…	…

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1951–2010					
1951					
…	+50·154	+ 4·159	− 5	…	…
…	50·159	−11·280	− 5	…	…
*	50·274	− 4·174	1·05	46.8135	9·6
…	50·284	−43·838	0·70	…	…
…	50·318	−19·789	0·75	…	…
…	+50·327	− 2·115	− 5	…	…
…	50·387	+ 8·201	− 5	…	…
…	50·403	− 5·058	− 4	…	…
‡	50·481	−49·707	2·30	46.8138	8·4
…	50·601	−22·032	− 5	…	…
1961					
…	+50·627	−10·868	− 4	…	…
…	50·645	+ 6·365	− 4	…	…
…	50·680	−12·526	− 2	…	…
…	50·695	−28·346	− 5	*e*	…
…	50·721	−50·168	− 1	…	…
†	+50·883	−29·819	− 4	…	…
…	51·135	− 2·285	− 4	…	…
…	51·175	−37·449	− 5	*m*	…
†	51·217	−39·780	− 5	…	…
…	51·279	+44·655	− 5	…	…
1971					
…	+51·329	−26·040	0·75	…	…
†	51·346	−54·784	− 5	…	…
*	51·389	−43·537	1·00	…	…
…	51·564	−42·059	− 5	…	…
…	51·644	+11·051	− 5	*e*	…
…	+51·662	−45·710	− 5	…	…
*	51·712	+ 0·600	0·95	45.8087	9·6
*	51·760	−27·581	1·60	46.8139	8·9
…	51·793	− 0·666	− 5	*e*	…
…	51·991	+41·987	− 3	…	…
1981					
*	+52·061	−56·617	1·00	…	…
…	52·147	+18·358	− 2	…	…
…	52·184	+10·566	− 3	…	…
…	52·248	−40·393	− 5	…	…
…	52·332	−39·901	− 4	…	…
†	+52·442	−59·768	0·95	…	…
…	52·472	−36·898	− 5	…	…
…	52·569	− 2·606	− 3	…	…
…	52·666	−30·242	− 5	…	…
…	52·680	−28·798	− 2	…	…
1991					
…	+52·796	+ 4·319	− 2	…	…
†	52·824	−49·770	− 5	…	…
…	52·825	−39·938	− 3	…	…
…	52·839	+ 0·663	− 5	*e*	…
…	52·994	−17·837	− 2	…	…
…	+52·997	−52·539	− 5	…	…
…	53·079	+26·753	− 4	…	…
…	53·090	−29·694	− 4	…	…
…	53·111	−19·024	− 5	…	…
…	53·130	−17·286	− 5	…	…
2001					
…	+53·229	−53·491	− 5	…	…
…	53·269	−18·136	− 2	…	…
…	53·366	−47·287	− 5	…	…
…	53·398	−56·841	− 3	…	…
…	53·630	+15·405	− 5	…	…
…	+53·639	+41·790	0·65	…	…
…	53·687	+ 2·736	− 2	…	…
…	54·001	−41·712	− 4	…	…
…	54·044	−57·100	− 5	…	…
…	54·101	−53·408	0·80	…	…

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
2011–2070					
2011					
…	+54·186	+19·520	− 5	…	…
…	54·227	−14·071	− 5	…	…
…	54·240	− 6·271	− 5	…	…
…	54·273	−52·357	− 4	*e*	…
*	54·290	− 5·392	0·95	46.8141	9·6
…	+54·292	−13·954	− 5	…	…
†	54·307	−33·371	0·75	…	…
…	54·315	+43·894	− 2	…	…
…	54·503	+20·692	− 5	…	…
…	54·579	−23·022	0·65	…	…
2021					
…	+54·593	+ 3·126	− 5	…	…
…	54·595	−18·697	− 5	…	…
…	54·602	−48·347	− 4	…	…
…	54·916	−43·371	− 3	…	…
…	55·013	+12·179	0·85	…	…
…	+55·069	+ 3·140	− 5	*m*	…
…	55·267	−41·397	− 5	…	…
…	55·350	+ 6·021	0·85	…	…
‡	55·381	−39·850	1·05	46.8142	9·6
…	55·406	−30·529	0·65	…	…
2031					
…	+55·438	+ 5·835	0·75	…	…
…	55·444	−32·600	0·65	…	…
…	55·473	−28·708	− 4	…	…
…	55·586	−16·804	− 3	…	…
…	55·632	−24·459	0·65	…	…
*	+55·864	− 2·784	1·00	45.8088	9·6
…	55·867	−31·345	0·75	…	…
…	56·129	+ 0·310	0·65	…	…
*	56·215	−23·611	1·40	46.8143	9·2
…	56·274	−42·895	− 4	…	…
2041					
…	+56·289	−36·625	− 3	…	…
…	56·319	−36·404	− 3	…	…
…	56·392	−21·039	0·65	…	…
…	56·475	− 4·114	− 4	…	…
…	56·570	−24·765	− 3	…	…
…	+56·850	−22·725	− 5	*e*	…
*	56·872	+36·103	2·00	45.8089	8·8
…	56·880	−33·902	0·65	…	…
…	56·900	−59·527	− 1	…	…
*	57·058	−39·050	1·40	46.8145	9·3
2051					
*	+57·116	− 0·878	1·50	45.8090	9·2
…	57·127	−36·920	0·65	…	…
…	57·200	+28·326	− 2	*e*	…
…	57·400	+14·479	− 5	…	…
…	57·456	−36·073	0·65	…	…
…	+57·600	−46·265	− 1	…	…
…	57·766	+25·401	− 2	…	…
*	57·792	−43·115	1·30	46.8147	9·3
…	57·814	−54·139	− 5	…	…
…	57·954	−40·909	− 4	…	…
2061					
…	+58·014	−23·231	− 5	…	…
…	58·073	−24·410	0·65	…	…
…	58·167	+ 1·228	− 4	…	…
…	58·179	+ 1·664	− 3	…	…
…	58·204	+10·746	− 4	…	…
…	+58·235	+16·526	− 5	…	…
…	58·332	−26·239	− 1	…	…
…	58·365	−14·734	− 2	…	…
…	58·422	+36·037	− 4	…	…
…	58·528	+37·405	− 5	*m*	…

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
2071–2080					
2071	′	′		°	
...	+58·548	−24·100	0·65	...	...
*	58·557	−49·504	1·15	46.8148	9·6
...	58·581	+51·208	0·95	...	...
...	58·583	−40·558	− 5	*m*	...
...	58·587	+28·319	− 1	...	...
...	+58·632	−24·765	− 5	*e*	...
...	58·633	−20·637	− 5	*m*	...
...	58·665	−53·928	− 1	...	...
...	58·680	−19·717	− 5	...	...
...	58·844	+ 2·701	− 4	...	...
2081–2085					
2081	′	′		°	
*	+58·859	−31·011	1·10	46.8149	9·5
...	59·161	+38·846	− 3	...	...
*	59·170	−42·093	1·05	...	...
...	59·238	+ 0·452	0·70	...	...
†	59·367	−11·022	0·65	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1–40					
1	′	′		°	
‡	−60·154	+12·364	1·00	45.8080	9·6
†	60·149	+50·107	0·95	...	...
...	60·074	−19·611	− 1	...	...
...	60·049	− 0·791	− 5	...	...
*	59·811	+18·742	1·35	45.8081	9·5
...	−59·597	−57·503	− 5	...	...
...	59·401	−26·455	− 4	...	...
...	59·208	+15·581	− 4	...	...
...	59·148	−58·331	− 3	...	...
...	59·120	−44·693	− 5	...	...
11					
...	−59·056	+54·727	− 3	...	...
...	58·825	+ 0·582	− 4	...	...
...	58·795	−43·708	− 4	...	...
*	58·785	+32·936	1·35	45.8082	9·2
...	58·652	−26·015	− 5	...	...
*	−58·609	+33·225	1·20	45.8083	9·5
...	58·430	+ 4·461	− 5	...	...
...	58·377	+ 0·172	0·70	...	...
...	58·374	−42·609	− 4	...	...
...	58·245	−50·749	− 3	...	...
21					
...	−58·145	+ 2·021	− 5	...	...
...	58·061	−49·984	− 5	...	...
...	57·932	−42·281	− 5	...	...
...	57·930	−35·627	− 5	...	...
...	57·864	+ 7·235	− 5	...	...
...	−57·646	−39·449	− 3	...	...
...	57·583	−40·645	− 5	...	...
...	57·462	− 8·621	− 4	...	...
...	57·311	−29·127	− 1	...	...
N	57·248	−58·420	− 4	...	...
31					
...	−57·213	−34·545	− 4	...	...
S*	57·204	+49·232	3·10	45.8085	7·5
...	57·183	−38·731	− 4	...	...
*	57·164	−34·644	1·00	46.8131	9·6
...	57·116	−52·930	0·95	...	...
†	−56·990	− 4·958	− 5	...	...
...	56·838	− 2·866	− 5	...	...
...	56·791	− 9·706	− 3	...	...
*	56·787	+27·244	1·20	45.8084	9·6
...	56·751	−39·208	− 4	...	...
41–80					
41	′	′		°	
...	−56·663	+25·937	− 5	...	...
...	56·591	−46·031	− 3	...	...
...	56·528	−56·143	− 4	...	...
...	56·509	− 1·741	− 5	...	...
...	56·493	− 1·606	− 4	...	...
...	−56·374	−38·524	0·65	...	...
...	56·341	+12·402	− 5	...	...
...	56.321	−35·087	− 1	...	...
...	56·235	+ 1·828	− 5	...	...
*	56·148	−53·772	1·35	46.8132	9·5
51					
...	−56·011	+ 2·997	− 5	...	...
...	55·992	−27·578	− 5	...	...
...	55·894	−32·995	− 4	...	...
...	55·887	+26·859	− 5	...	...
*	55·867	−49·168	1·15	46.8133	9·6
...	−55·724	−52·903	− 1	...	...
...	55·694	−41·351	− 4	...	...
...	55·683	−32·606	− 5	...	...
...	55·534	+ 0·615	− 5	...	...
...	55·524	−29·373	− 5	...	...
61					
...	−55·388	+ 2·088	− 5	...	...
...	55·373	−47·511	− 3	...	...
...	55·305	+22·247	− 1	...	...
...	55·298	+ 3·264	− 5	...	...
‡	55·178	+12·907	1·05	45.8086	9·6
...	−55·128	−50·134	− 5	M	...
...	54·908	+25·733	− 5	...	...
...	54·817	−44·031	− 4	...	...
*	54·700	−13·215	1·00	...	...
†	54·424	+ 5·062	− 2	...	...
71					
...	−54·368	−56·539	− 5	...	...
...	54·353	+44·607	− 5	...	...
...	54·329	−34·369	− 4	...	...
...	54·110	+ 8·161	− 5	...	...
*	54·025	−38·279	1·35	46.8134	9·5
...	−53·820	− 2·165	− 5	...	...
*	53·808	− 4·221	1·05	46.8135	9·6
...	53·788	−24·123	− 5	...	...
...	53·785	+ 6·311	− 4	...	...
...	53·709	−11·338	− 5	...	...
81–120					
81	′	′		°	
...	−53·663	− 5·111	− 4	...	...
...	53·631	−39·920	− 5	...	
...	53·554	−50·584	− 4	...	...
...	53·534	+41·954	− 4	...	...
...	53·533	−48·024	− 5	...	...
...	−53·320	−46·125	− 5	...	...
†	53·284	−19·825	1·00	...	...
...	53·277	−35·701	− 5	...	...
...	53·253	−10·906	− 4	...	...
...	53·154	−12·562	− 2	...	...
91					
...	−53·143	−36·902	− 5	...	...
...	53·011	− 2·308	− 5	...	...
...	53·008	−35·208	− 5	...	...
...	52·935	+11·056	− 5	E	...
...	52·927	−22·077	− 5	...	...
*	−52·887	−44·128	1·25	46.8136	9·6
...	52·650	+18·360	− 3	...	...
...	52·634	−28·372	− 5	E	...
...	52·555	−43·870	− 3	...	...
*	52·521	+ 0·595	1·00	45.8087	9·6
101					
...	−52·492	−54·594	− 5	...	...
†	52·413	−29·841	− 5	...	...
...	52·405	− 0·671	− 5	E	...
...	52·377	+10·562	− 3	...	...
‡	52·168	−49·747	2·40	46.8138	8·4
...	−52·077	−26·042	0·95	...	...
...	51·978	+26·780	− 5	...	...
...	51·927	−59·181	− 4	...	...
...	51·894	+41·826	− 4	...	...
†	51·751	−39·760	− 5	...	...
111					
*	−51·597	−27·576	1·80	46.8139	8·9
...	51·578	− 2·574	− 3	...	...
...	51·564	+ 4·353	− 3	...	...
...	51·469	−43·534	− 1	...	...
...	51·402	+ 0·680	− 5	E	...
...	−51·342	−42·041	− 5	...	...
...	51·294	+43·950	− 5	...	...
...	51·229	− 8·430	− 5	M	...
†	51·176	−54·773	− 5	...	...
...	51·138	−45·681	− 5	...	...

C measured from 1, 136, 308, 506, 718, 926, 1118, 1282, 1460, 1563, 1700.
L ,, ,, 65, 203, 409, 598, 809, 1030, 1206, 1369, 1520, 1614, 1738.

30. Image elongated and diffused.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
121–180					
121					
...	−51·063	+15·459	− 5	...	...
...	50·705	−40·360	− 5	...	...
...	50·672	−17·796	− 3	...	...
...	50·660	+19·586	− 5	...	...
†	50·650	−39·869	− 5	...	...
...	−50·636	+ 2·789	− 3	...	...
...	50·633	− 2·998	− 5	...	...
...	50·632	−28·760	− 3	...	...
...	50·618	−30·194	− 5	...	...
...	50·595	−36·863	− 5	...	...
131					
...	−50·557	−17·242	− 5	...	...
...	50·513	−18·976	− 5	...	...
...	50·397	−56·587	− 1	...	...
...	50·381	+20·751	− 5	...	...
...	50·378	−18·086	− 3	...	...
†	−50·206	−29·633	− 5	...	...
†	50·173	−39·893	− 4	...	...
†	49·919	−59·707	0·70	...	...
...	49·850	−49·729	− 5	...	...
...	49·806	− 6·189	− 5	...	...
141					
*	−49·780	− 5·306	1·20	46.8141	9·6
...	49·728	+ 3·212	− 5	...	...
...	49·600	+12·267	0·80	...	...
...	49·594	−52·476	− 5	...	...
...	49·568	−13·987	− 5	...	...
...	−49·487	−13·865	− 5	...	...
...	49·380	−47·210	− 5	...	...
†	49·368	−14·859	− 5	...	...
...	49·342	−53·422	− 5	...	...
...	49·062	−18·600	− 5	...	...
151					
...	−49·054	−56·753	− 3	...	...
...	49·053	+ 6·128	0·90	...	...
...	48·970	+ 5·946	0·80	...	...
...	48·937	−41·622	− 5	...	...
...	48·932	−22·923	− 3	...	...
...	−48·876	−33·271	0·90	...	...
*	48·492	+36·231	2·00	45.8089	8·8
...	48·465	−53·307	− 1	...	...
...	48·310	−52·254	− 5	E	...
*	48·272	− 2·656	1·20	45.8088	9·6
161					
...	−48·138	−16·676	− 4	...	...
...	48·120	−48·237	− 4	...	...
...	48·115	+ 0·442	− 3	...	...
...	48·049	− 3·530	− 5	...	...
...	47·950	−43·249	− 5	...	...
...	−47·920	+28·482	− 4	E	...
...	47·876	−30·405	− 4	...	...
...	47·828	−24·332	− 2	...	...
...	47·752	−32·468	− 1	...	...
...	47·684	−41·272	− 5	...	...
171					
...	−47·623	− 3·971	− 5	...	...
*	47·608	−39·724	1·10	46.8142	9·6
...	47·382	−31·209	0·65	...	...
...	47·303	+14·648	− 5	...	...
*	47·272	−23·465	1·40	46.8143	9·2
...	−47·267	+51·405	—	...	...
...	47·263	+25·583	− 4	...	...
...	47·192	−20·880	− 4	...	...
*	47·089	− 0·709	1·50	45.8090	9·2
...	46·941	+36·225	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
181–240					
181					
...	−46·878	−24·601	− 5	...	...
...	46·794	−36·456	− 4	...	...
...	46·771	−36·241	− 4	...	...
...	46·687	−22·556	− 5	E	...
...	46·608	−42·745	− 5	...	...
...	−46·548	+28·512	− 4	...	...
...	46·521	+16·721	− 5	...	...
...	46·368	+10·946	− 5	...	...
...	46·290	+39·060	− 4	...	...
...	46·285	−33·732	0·65	...	...
191					
...	−46·097	+ 1·419	− 4	...	...
...	46·096	+ 1·857	− 4	...	...
...	45·964	−36·733	− 2	...	...
*	45·948	−38·863	1·40	46.8145	9·3
...	45·657	−35·871	− 1	...	...
...	−45·618	+17·096	− 5	...	...
...	45·492	−23·024	− 5	...	...
...	45·472	+ 2·930	− 5	...	...
...	45·466	−59·337	− 3	...	...
...	45·418	−14·513	− 4	...	...
201					
...	−45·402	−24·202	− 1	...	...
...	45·400	+36·094	− 5	M	...
†	45·191	−46·054	− 5	...	...
...	45·118	+11·662	− 4	...	...
*	45·097	−42·898	1·50	46.8147	9·3
...	−45·095	−26·020	− 5	...	...
...	45·024	−40·699	− 5	...	...
...	45·015	−23·983	− 5	...	...
...	45·010	+ 0·696	− 3	...	...
...	44·943	−19·490	− 5	...	...
211					
...	−44·939	−23·879	− 4	...	...
...	44·820	−24·538	− 5	E	...
*	44·746	+40·185	1·00	...	...
...	44·740	+33·691	− 5	...	...
...	44·715	−53·911	− 5	...	...
...	−44·703	+26·459	1·00	...	...
...	44·528	−10·782	− 3	...	...
...	44·451	−44·492	− 5	M	...
*	44·395	−30·780	1·00	46.8149	9·5
S*	44·138	+ 7·005	3·80	45.8091	7·3
221					
*	−44·126	−10·755	2·00	46.8150	8·8
...	44·116	+53·070	− 5	...	...
*	44·116	−49·254	1·00	46.8148	9·6
*	44·083	− 5·258	0·95	...	...
*	43·992	+18·608	0·95	...	...
...	−43·928	−27·403	− 5	...	...
...	43.884	−53·675	− 4	...	...
...	43·860	+54·756	− 5	M	...
*	43·761	−41·826	1·00	...	...
...	43·712	+51·903	− 1	...	...
231					
...	−43·685	+ 1·643	− 5	M	...
†	43·673	−34·855	− 3	...	...
...	43·527	−34·621	− 5	M	...
S*	43·481	−19·167	2·00	46.8151	8·4
...	43·198	−29·485	− 4	...	...
...	−43·185	+17·760	− 5	...	...
...	43·036	−30·029	− 5	...	...
...	43·034	+49·121	− 5	M	...
...	43·021	+ 2·439	− 5	...	...
...	42·994	−10·459	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
241–300					
241					
...	−42·891	−17·163	− 5	...	...
...	42·881	+28·621	− 5	M	...
...	42·850	+14·486	− 5	M	...
...	42·810	+48·075	− 2	...	...
...	42·805	−32·652	− 5	A	...
...	−42·796	−21·248	− 5	...	...
...	42·725	−34·239	− 5	...	...
...	42·705	+28·581	− 5	M	...
...	42·662	−48·839	− 5	...	...
...	42·583	+37·791	− 5	M	...
251					
*	−42·572	+ 6·391	1·60	45.8092	9·2
...	42·561	+56·352	− 4	...	...
*	42·526	−35·653	1·30	46.8152	9·3
...	42·345	−32·145	− 4	...	...
...	42·340	+46·897	− 5	...	...
...	−42·312	−58·125	− 5	...	...
...	42·259	−55·760	− 5	...	...
*	42·253	+ 9·310	0·95	...	...
...	42·241	−56·285	− 4	...	...
...	42·127	−41·280	− 4	...	...
261					
...	−42·104	− 6·143	− 5	...	...
...	42·085	−41·161	− 4	...	...
...	42·083	−40·657	− 5	...	...
...	42·069	−36·690	− 1	...	...
...	41·998	−50·795	− 2	...	...
...	−41·946	+19·670	− 5	...	...
...	41·866	−19·038	− 5	...	...
...	41·854	+35·423	− 5	...	...
...	41·827	−14·270	− 5	...	...
...	41·820	−28·240	− 4	...	...
271					
...	−41·793	+ 0·879	− 5	...	...
...	41·776	+ 4·951	0·75	...	...
...	41·757	−38·936	− 5	...	...
...	41·659	+50·899	− 1	...	...
...	41·651	−36·767	− 5	...	...
...	−41·602	+24·713	− 4	...	...
...	41·532	+49·884	− 4	...	...
...	41·513	−47·788	− 1	...	...
...	41·430	−10·917	− 5	M	...
...	41·423	−57·502	− 5	...	...
281					
...	−41·407	+48·129	− 5	...	...
...	41·351	+11·032	− 5	...	...
...	41·264	+ 3·796	− 2	...	...
...	41·255	−46·093	− 5	...	...
...	41·202	− 6·228	− 5	M	...
...	−41·174	+ 8·973	− 5	...	...
*	41·139	−58·199	1·00	46.8153	9·6
...	41·078	+33·066	− 5	...	...
...	40·919	−40·424	1·00	...	...
...	40·901	+16·055	− 5	...	...
291					
†	−40·896	+39·967	− 5	...	...
...	40·887	− 1·444	− 5	M	...
...	40·768	+10·551	0·90	...	...
...	40·741	− 0·115	− 5	M	...
...	40·658	−43·628	− 5	...	...
...	−40·621	−29·673	− 5	...	...
*	40·584	−17·542	1·15	46.8154	9·6
...	40·574	−47·430	− 4	...	...
...	40·558	−23·364	− 5	...	...
...	40·555	+35·039	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
301–360					
301	′	′		°	
…	−40·505	+36·485	− 4	…	…
…	40·459	−25·634	0·95	…	…
…	40·444	+23·228	− 4	…	…
…	40·377	+31·985	− 4	…	…
…	40·377	+11·473	− 5	…	…
…	−40·351	+43·115	− 5	…	…
‡	40·285	+16·072	1·00	45.8093	9·6
…	40·130	+10·432	− 2	…	…
…	40·121	+ 4·848	− 2	…	…
…	40·102	−23·698	− 5	…	…
311					
*	−40·062	−51·957	1·30	46.8155	9·6
…	39·800	−40·719	− 5	…	…
…	39·739	−39·306	− 5	…	…
*	39·622	+ 3·729	1·20	45.8094	9·6
…	39·581	+56·703	− 5	…	…
*	−39·484	−10·633	1·00	…	…
…	39·447	+42·676	− 5	…	…
…	39·283	−27·574	− 4	…	…
…	39·252	− 8·066	− 5	…	…
…	39·237	−42·120	− 5	…	…
321					
…	−39·221	−46·064	− 5	…	…
…	39·161	+16·132	− 4	…	…
…	39·158	+57·549	− 3	…	…
…	39·114	−38·997	− 5	…	…
*	39·065	−39·151	2·40	46.8156	8·4
…	−38·954	+ 5·598	− 4	…	…
…	38·905	−26·226	− 5	…	…
…	38·878	+40·182	− 5	…	…
…	38·753	+27·633	0·70	…	…
…	38·720	+30·032	− 5	…	…
331					
…	−38·688	−46·023	− 2	…	…
…	38·681	−50·183	− 5	…	…
…	38·646	−25·036	− 5	…	…
…	38·548	− 9·839	− 5	M	…
…	38·541	−54·521	0·70	…	…
…	−38·489	−29·662	− 5	M	…
…	38·445	−23·340	0·70	…	…
…	38·409	−30·001	− 4	…	…
*	38·408	−25·180	1·30	46.8157	9·6
…	38·314	−11·847	− 1	…	…
341					
…	−38·304	−31·123	− 1	…	…
…	38·269	+51·463	0·90	…	…
…	38·144	−37·413	− 1	…	…
…	38·086	−57·033	− 5	…	…
…	38·050	+ 2·050	− 5	…	…
*	−38·049	−29·005	1·20	…	…
…	38·047	−42·260	− 5	…	…
…	38·022	−23·638	− 4	…	…
…	37·963	−38·148	− 1	…	…
…	37·932	− 8·791	− 5	…	…
351					
…	−37·884	−57·161	− 5	…	…
…	37·846	−28·188	− 2	…	…
*	37·809	−23·204	1·10	…	…
…	37·742	+21·316	− 5	…	…
…	37·643	+13·960	− 5	…	…
…	−37·590	−56·670	− 3	…	…
…	37·588	−43·478	− 4	…	…
…	37·471	+41·039	− 5	…	…
…	37·450	−49·094	− 5	…	…
S *	37·359	+43·472	1·70	45.8095	9·0
361–420					
361	′	′		°	
*	−37·346	+12·837	1·10	…	…
…	37·322	−17·972	− 1	…	…
…	37·296	+46·458	− 5	…	…
…	37·264	+44·876	− 4	…	…
…	37·252	− 6·881	− 1	…	…
…	−37·249	− 4·736	− 5	M	…
*	37·201	−55·100	3·60	46.8158	7·3
…	37·194	+38·768	− 5	M	…
…	37·186	−15·095	− 5	…	…
…	37·148	+44·433	− 4	…	…
371					
…	−37·111	−33·956	− 2	…	…
…	37·017	−13·699	0·90	…	…
…	37·009	−45·606	− 2	…	…
…	36·949	+43·845	− 4	…	…
*	36·948	+58·484	1·20	44.8012	9·6
…	−36·935	+49·821	− 1	…	…
…	36·865	−47·206	− 5	…	…
*	36·847	−47·795	1·70	46.8159	9·0
…	36·844	+33·531	0·95	…	…
…	36·829	− 7·959	− 3	…	…
381					
…	−36·820	−10·470	− 5	…	…
…	36·713	+10·699	− 5	…	…
*	36·647	+44·046	1·25	45.8097	9·6
…	36·643	+40·436	0·65	…	…
…	36·639	− 9·813	− 2	…	…
*	−36·603	−14·130	1·10	46.8161	9·6
…	36·570	−17·542	− 4	…	…
…	36·507	+10·377	− 5	…	…
…	36·487	+35·967	− 5	M	…
…	36·476	+18·607	− 5	…	…
391					
*	−36·475	−58·372	1·30	46.8160	9·6
…	36·387	−48·396	− 4	A	…
*	36·351	−31·585	2·00	46.8162	8·8
*	36·348	− 1·986	1·20	45.8096	9·6
…	36·283	+12·211	− 5	…	…
…	−36·240	−13·186	− 1	…	…
…	36·195	−51·484	− 5	…	…
…	36·069	−35·217	− 4	…	…
…	36·047	−48·789	− 4	…	…
*	36·026	−59·501	1·10	…	…
401					
…	−35·930	−17·466	− 5	…	…
…	35·665	+55·733	− 4	…	…
…	35·620	+ 7·085	− 4	…	…
…	35·616	− 1·317	− 5	M	…
…	35·580	−18·914	0·65	…	…
…	−35·535	−22·524	− 4	…	…
…	35·413	− 0·658	− 5	M	…
…	35·380	−52·947	− 5	…	…
*	35·145	−28·219	1·00	…	…
*	35·005	+24·250	1·20	45.8098	9·4
411					
…	−34·980	−30·006	− 4	…	…
…	34·978	−29·023	− 5	…	…
…	34·813	+24·210	− 3	…	…
…	34·789	+ 8·135	− 5	…	…
…	34·755	−51·700	− 5	…	…
…	−34·738	−33·731	− 4	…	…
*	34·586	−37·603	1·60	46.8164	9·0
…	34·527	−43·539	− 4	…	…
*	34·522	−45·526	1·00	46.8165	9·6
…	34·462	−27·912	− 5	…	…
421–480					
421	′	′		°	
…	−34·458	+43·142	− 5	…	…
…	34·453	− 2·647	− 5	…	…
…	34·451	−20·073	− 5	…	…
*	34·385	−38·175	1·00	46.8166	9·5
…	34·358	−33·942	− 5	…	…
*	−34·332	− 3·915	1·00	…	…
…	34·329	+14·674	− 4	…	…
…	34·316	−34·715	− 5	…	…
…	34·234	− 6·325	− 5	…	…
…	34·204	− 4·242	− 5	…	…
431					
*	−34·197	−46·883	1·25	46.8167	9·6
*	34·147	+15·369	1·20	45.8099	9·6
…	34·113	−33·993	− 1	…	…
…	34·108	−29·781	− 5	…	…
…	34·103	− 7·615	0·90	…	…
…	−33·966	+ 5·399	− 5	…	…
†	33·945	−29·825	− 4	…	…
*	33·840	−43·945	1·00	…	…
…	33·769	+24·039	− 5	…	…
…	33·583	+38·896	0·95	…	…
441					
…	−33·547	−18·223	− 4	…	…
…	33·497	−32·622	− 5	…	…
…	33·491	+38·791	− 4	…	…
…	33·471	+ 3·882	0·90	…	…
…	33·454	−28·379	− 5	…	…
…	−33·447	+40·859	− 5	…	…
…	33·388	−12·219	− 5	M	…
…	33·380	−11·630	− 5	…	…
…	33·361	−19·331	− 5	…	…
…	33·331	−35·089	− 5	…	…
451					
…	−33·283	−26·414	− 4	…	…
*	33·121	+ 2·717	2·30	45.8100	8·2
…	33·098	−28·052	− 4	…	…
…	33·077	−43·996	− 5	…	…
…	33·048	+52·590	1·00	…	…
…	−33·028	−18·052	− 5	…	…
…	33·002	+13·651	− 3	…	…
…	32·970	−11·805	− 3	…	…
…	32·873	−42·950	− 5	…	…
*	32·697	−40·088	1·00	46.8168	9·6
461					
…	−32·675	−47·438	− 5	…	…
…	32·475	+ 1·268	− 4	…	…
…	32·474	−55·507	− 1	…	…
…	32·472	+ 1·579	− 5	…	…
…	32·433	−20·947	− 1	…	…
…	−32·365	− 9·385	0·90	…	…
…	32·364	−15·764	− 5	…	…
…	32·344	− 1·373	0·75	…	…
…	32·326	+35·138	− 5	M	…
…	32·297	−23·786	− 4	…	…
471					
*	−32·286	+40·226	1·20	…	…
…	32·281	−29·277	− 5	…	…
…	32·274	−12·312	− 5	…	…
…	32·215	−27·864	− 5	…	…
…	32·206	−39·312	− 5	…	…
…	−32·159	−50·283	− 5	…	…
…	32·111	+46·794	− 4	…	…
…	32·061	+40·642	− 4	…	…
*	32·040	−24·402	1·20	46.8170	9·6
…	32·023	−48·644	− 5	…	…

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
481–540					
481	′	′		°	
...	−32·021	+23·806	− 5	...	...
...	31·946	+19·512	− 5	...	...
...	31·924	+43·351	− 5	...	...
...	31·916	−42·995	− 5	...	...
...	31·896	+ 9·856	− 4	...	...
...	−31·892	−18·598	− 5	...	...
*	31·677	+26·221	1·30	45.8101	9·4
...	31·478	+53·377	− 5	M	...
S *	31·455	−52·629	2·60	46.8171	8·2
*	31·435	−45·006	1·05	...	...
491					
...	−31·240	+21·403	− 5	...	...
...	31·179	−17·586	− 5	...	...
...	31·143	+55·123	− 4	...	...
...	31·044	−55·645	− 5	...	...
...	31·023	−30·841	0·80	...	...
...	−31·003	+19·040	− 5	...	...
‡	30·996	+40·009	1·00	...	...
†	30·990	−54·863	− 4	...	...
...	30·876	+10·991	− 4	...	...
...	30·812	−50·191	− 5	...	...
501					
...	−30·607	+36·451	− 1	...	...
...	30·601	−27·818	− 5	...	...
...	30·444	− 6·815	− 4	...	...
...	30·436	−31·270	0·95	...	...
†	30·331	−23·570	− 5	...	...
*	−30·093	+37·919	1·30	45.8102	9·3
...	30·035	+53·428	− 3	...	...
*	29·996	+48·672	1·50	45.8104	9·0
...	29·901	−33·775	1·00	...	...
...	29·884	−52·481	− 1	...	...
511					
*	−29·883	+30·373	1·20	45.8103	9·6
...	29·872	−39·182	− 5	...	...
...	29·733	+28·957	− 5	...	...
...	29·634	−48·581	− 5	...	...
...	29·560	−51·187	− 5	...	...
...	−29·554	−42·431	− 5	...	...
...	29·510	−39·375	− 1	...	...
...	29·461	+ 8·778	− 5	...	...
...	29·455	−46·888	0·70	...	...
...	29·453	+54·607	− 2	...	...
521					
...	−29·449	+34·511	− 4	...	...
...	29·434	−59·615	− 4	...	...
...	29·351	− 0·188	0·80	α	...
...	29·290	−19·589	− 4	...	...
*	29·268	−41·704	1·35	46.8172	9·4
...	−29·192	+29·368	− 5	...	...
...	29·133	−27·563	− 5	...	...
...	29·100	−49·649	− 4	...	...
...	29·054	+ 3·330	− 1	...	...
...	29·032	−33·980	1·00	...	...
531					
*	−29·001	+55·415	1·10	45.8105	9·6
...	28·980	−22·047	− 5	...	...
*	28·941	−25·082	1·30	46.8173	9·4
...	28·860	−49·009	− 5	...	...
...	28·750	−22·375	− 1	...	...
...	−28·721	−46·942	0·90	...	...
...	28·714	− 1·398	− 5	...	...
*	28·706	−35·940	2·30	46.8174	8·4
...	28·691	−20·158	− 4	...	...
...	28·658	−42·270	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
541–600					
541	′	′		°	
...	−28·641	+40·110	0·65	...	...
*	28·470	−22·771	1·30	46.8176	9·4
*	28·423	−45·369	1·40	46.8175	9·4
...	28·295	−30·233	− 3	...	...
*	28·227	+ 9·215	1·00	...	...
...	−28·169	−36·298	− 1	...	...
...	28·141	+36·012	− 3	...	...
†	27·973	+49·921	− 5	...	...
...	27·971	+36·333	− 5	...	...
...	27·925	− 3·606	− 4	...	...
551					
...	−27·804	−32·921	0·80	...	...
...	27·798	−30·587	− 5	...	...
...	27·770	+25·299	− 4	...	...
...	27·752	−22·432	− 1	...	...
...	27·683	− 1·948	− 5	...	...
*	−27·630	−51·108	2·40	46.8177	8·4
...	27·614	−16·815	0·70	...	...
...	27·555	+30·150	− 4	...	...
...	27·455	−42·730	− 5	...	...
...	27·441	+44·434	0·70	...	...
561					
...	−27·438	−27·116	0·65	...	...
...	27·434	−46·193	− 5	...	...
*	27·368	− 6·878	1·30	46.8178	9·6
...	27·354	−25·251	− 2	...	...
...	27·349	−16·011	− 3	...	...
...	−27·287	−46·586	− 5	...	...
...	27·199	−21·241	0·65	...	...
...	27·188	−16·410	− 2	...	...
...	27·070	−26·182	− 4	...	...
...	27·052	−55·542	− 4	...	...
571					
...	−27·011	−32·299	− 5	...	...
...	26·912	+ 4·335	− 5	...	...
...	26·891	+18·309	− 5	...	...
*	26·870	− 6·188	1·25	46.8179	9·6
...	26·838	−46·775	1·00	...	...
...	−26·809	−29·624	− 5	...	...
...	26·770	+39·298	− 1	...	...
...	26·718	−26·775	− 5	...	...
...	26·608	− 2·153	− 3	...	...
...	26·517	+59·101	− 1	...	...
581					
...	−26·501	−25·787	− 5	...	...
*	26·483	−14·989	1·25	46.8180	9·5
*	26·287	+12·198	1·05	...	...
...	26·257	−32·685	− 5	...	...
...	26·073	−50·240	0·70	...	...
...	−25·988	−47·910	− 2	...	...
...	25·984	−35·963	− 5	...	...
...	25·956	+32·759	− 5	...	...
*	25·893	−55·143	1·05	46.8181	9·6
...	25·769	+ 6·880	− 5	...	...
591					
...	−25·763	+32·095	− 5	...	...
...	25·669	−38·731	0·80	...	...
...	25·584	−51·965	− 5	...	...
†	25·513	+39·918	− 5	...	...
...	25·465	−39·418	− 1	...	...
...	−25·451	−47·162	− 5	...	...
*	25·360	+33·450	1·20	45.8106	9·6
*	25·168	−22·048	1·00	...	...
...	25·150	− 3·901	− 5	...	...
...	25·138	−22·240	− 2	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
601–660					
601	′	′		°	
...	−25·127	−10·433	− 4	...	...
...	25·124	+13·062	− 5	...	...
...	25·112	+ 7·783	− 3	...	...
...	24·988	−23·715	− 3	...	...
*	24·931	−37·228	1·00	46.8182	9·6
...	−24·915	−57·103	− 4	...	...
...	24·891	−48·357	− 5	...	...
...	24·867	+ 5·343	− 4	...	...
...	24·865	+ 8·019	− 5	...	...
*	24·853	−38·536	1·10	46.8183	9·6
611					
...	−24·843	−44·079	− 5	...	...
...	24·841	−56·332	− 5	...	...
...	24·692	−26·771	− 5	...	...
...	24·681	− 9·361	− 4	...	...
...	24·610	−24·469	− 3	...	...
...	−24·576	−23·263	− 4	...	...
†	24·526	−19·834	− 5	...	...
*	24·472	+22·327	0·95	...	...
...	24·466	−33·196	− 5	M	...
...	24·391	+22·575	− 2	...	...
621					
*	−24·375	+ 4·366	3·00	45.8107	8·0
...	24·349	−36·425	− 5	...	...
...	24·345	−40·606	− 5	...	...
...	24·327	+12·983	0·95	...	...
...	24·284	−43·591	− 1	...	...
*	−24·246	−30·308	1·05	...	...
...	24·217	+10·120	− 3	...	...
†	24·212	− 0·023	− 4	α	...
...	24·185	+27·018	− 5	...	...
...	24·155	−20·013	− 4	...	...
631					
†	−24·145	−39·843	− 5	...	...
...	24·088	+48·732	− 4	...	...
*	24·031	−19·277	1·00	...	...
*	23·969	−23·985	1·00	46.8184	9·6
...	−23·959	−30·972	− 5	...	...
...	23·953	−21·253	− 2	...	...
*	23·914	− 8·016	1·00	...	...
*	23·898	+ 0·932	2·00	45.8108	8·8
...	23·892	−59·662	− 4	...	...
...	23·884	−40·496	− 5	...	...
641					
...	−23·838	−12·363	− 5	...	...
...	23·743	−35·629	− 5	...	...
*	23·644	−50·617	1·30	46.8185	9·6
...	23·643	−22·167	− 5	...	...
...	23·629	−27·386	− 5	...	...
...	−23·574	+42·545	− 3	...	...
...	23·543	−33·962	− 4	...	...
...	23·534	+30·263	− 5	...	...
...	23·503	−23·790	− 5	...	...
*	23·410	− 1·180	1·00	45.8109	9·6
651					
*	−23·392	+56·532	1·00	...	...
...	23·387	−17·474	− 5	...	...
...	23·386	−28·827	− 5	...	...
...	23·353	−23·900	− 5	...	...
...	23·326	− 4·096	− 5	...	...
...	−23·173	−38·903	− 1	...	...
...	23·163	+10·354	− 5	...	...
...	23·007	−27·259	− 2	...	...
...	23·000	+24·219	− 3	...	...
...	22·909	−16·302	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
661–720					
661				°	
...	−22·853	−45·749	− 5	...	...
...	22·849	−30·254	− 3	...	...
...	22·834	−38·938	− 5	...	...
...	22·796	−45·919	− 5	...	...
...	22·780	− 0·578	− 5	M	...
*	−22·748	−20·743	1·35	46.8186	9·2
†	22·721	−19·974	− 5	...	...
...	22·680	−22·900	− 4	...	...
...	22·674	−40·869	− 4	...	...
...	22·516	+11·761	− 2	...	...
671					
...	−22·448	− 3·740	− 5	...	...
*	22·448	−51·933	1·00	...	...
*	22·445	−55·027	1·00	...	...
...	22·421	− 8·072	1·00	...	...
...	22·417	−11·485	− 5	...	...
...	−22·247	−23·197	− 5	...	...
...	22·236	−17·194	− 5	...	...
...	22·191	+47·464	− 5	...	...
...	22·178	+20·400	− 5	...	...
...	22·119	−29·546	− 5	...	...
681					
...	−22·067	− 8·338	− 5	...	...
...	21·984	−13·680	− 5	...	...
...	21·958	−34·957	− 5	...	...
...	21·840	−48·818	− 4	...	...
...	21·823	−53·614	− 5	...	...
...	−21·777	+ 7·497	− 3	...	...
...	21·615	−22·168	− 5	M	...
*	21·502	−53·156	1·70	46.8187	9·2
...	21·451	−19·643	− 5	...	...
...	21·409	−37·994	− 2	...	...
691					
...	−21·336	−47·563	− 2	...	...
...	21·335	−25·556	− 3	...	...
...	21·316	−16·795	− 5	...	...
...	21·278	+47·761	− 4	...	...
*	21·276	−51·983	1·60	46.8188	9·2
...	−21·246	−46·701	− 5	...	...
*	21·207	+ 6·824	1·00	...	...
*	21·160	+51·269	1·00	45.8110	9·6
...	21·113	+24·062	− 5	...	...
...	21·035	+ 6·549	− 5	...	...
701					
...	−20·991	+31·989	− 1	...	...
...	20·974	+56·186	− 5	...	...
...	20·963	+12·742	− 4	...	...
...	20·910	−52·029	− 5	...	...
...	20·907	−36·627	− 4	...	...
...	−20·862	−48·850	− 1	...	...
...	20·855	− 7·743	− 4	...	...
N	20·835	−29·866	0·70	...	...
*	20·792	−29·334	1·05	46.8189	9·6
...	20·728	+57·263	− 4	...	...
711					
...	−20·720	+22·908	− 3	...	...
*	20·626	+35·889	1·05	45.8111	9·6
...	20·599	+34·141	− 4	...	...
...	20·565	+20·598	0·90	...	...
...	20·524	− 2·031	− 5	...	...
...	−20·464	−12·830	− 5	...	...
...	20·446	−11·626	− 5	...	...
...	20·220	−17·566	0·95	...	...
...	20·054	−27·808	0·70	...	...
...	20·011	+36·077	− 5	...	...
721–780					
721				°	
...	−19·957	− 6·324	− 1	...	...
...	19·954	−26·507	− 5	...	...
...	19·940	−38·577	− 5	...	...
...	19·906	−43·631	− 5	...	...
...	19·784	−53·761	− 5	...	...
*	−19·762	+22·176	1·15	45.8112	9·6
...	19·695	+13·901	− 5	...	...
†	19·644	+ 0·013	0·80	α	...
...	19·627	−55·732	− 4	...	...
...	19·458	+ 8·774	− 5	...	...
731					
...	−19·447	+34·990	− 4	...	...
...	19·446	−29·497	− 5	...	...
...	19·434	−56·084	− 4	...	...
...	19·412	−26·770	− 4	...	...
...	19·356	−14·683	− 5	...	...
*	−19·249	−48·928	1·40	46.8190	9·3
...	19·241	+20·353	− 3	...	...
...	19·160	−25·964	− 5	M	...
...	19·107	+45·385	0·80	...	...
...	19·098	−41·266	− 3	...	...
741					
...	−19·094	− 5·115	1·00	...	...
...	19·065	−12·679	− 5	...	...
‡	19·000	+30·053	1·70	45.8113	8·7
*	18·946	−34·395	1·20	46.8191	9·6
...	18·877	+ 6·744	− 5	...	...
...	−18·774	−28·945	0·80	...	...
*	18·728	+19·366	1·00	...	...
...	18·659	−33·681	− 5	...	...
*	18·640	+25·125	1·00	...	...
...	18·603	−50·502	− 5	...	...
751					
...	−18·601	+31·842	− 5	M	...
...	18·575	−20·703	− 5	...	...
...	18·465	−55·014	0·90	...	...
...	18·436	−11·456	− 5	...	...
...	18·341	+ 7·597	− 5	...	...
...	−18·335	−41·196	− 4	...	...
...	18·291	−57·539	− 4	...	...
*	18·238	−34·389	1·20	46.8192	9·6
...	18·199	−31·172	− 3	...	...
*	18·117	−11·872	1·20	46.8193	9·5
761					
...	−18·112	−49·725	− 5	...	...
...	18·024	+33·397	0·70	...	...
...	18·007	+59·303	− 5	...	...
*	17·913	+27·216	1·20	45.8115	9·6
...	17·852	−18·530	− 3	...	...
*	−17·795	+10·673	1·10	45.8114	9·6
*	17·795	−21·716	1·00	...	...
...	17·789	− 2·953	− 5	...	...
...	17·739	−43·771	− 5	...	...
...	17·579	−21·113	− 5	...	...
771					
...	−17·362	−50·567	− 3	...	...
...	17·349	−17·817	− 5	...	...
*	17·314	+56·715	1·40	45.8117	9·6
...	17·293	−49·115	− 4	...	...
*	17·242	+45·710	1·30	45.8116	9·4
...	−17·194	+ 7·966	− 4	...	...
...	17·182	−21·770	− 5	...	...
...	17·180	−32·026	− 5	...	...
...	17·172	−40·070	− 4	...	...
...	17·162	+42·003	− 4	...	...
781–840					
781				°	
...	−17·134	−37·896	− 3	...	...
...	17·031	+14·725	− 4	...	...
...	16·891	−45·552	− 1	...	...
...	16·774	−46·039	− 5	...	...
...	16·771	−46·846	0·65	...	...
*	−16·640	−33·396	1·25	46.8194	9·5
...	16·636	−29·541	− 2	...	...
...	16·517	+54·041	− 5	...	...
...	16·500	−48·606	− 5	M	...
...	16·496	+ 6·783	− 2	...	...
791					
...	−16·482	+21·667	0·80	...	...
...	16·470	−39·647	0·70	...	...
...	16·462	−33·983	− 5	...	...
...	16·017	−37·656	− 5	...	...
...	15·964	−30·943	− 5	...	...
...	−15·919	−31·372	− 5	M	...
...	15·837	−26·698	− 1	...	...
*	15·815	−19·055	1·00	...	...
*	15·728	−37·112	1·25	46.8195	9·4
...	15·725	+28·327	− 5	...	...
801					
...	−15·646	−17·316	− 5	...	...
...	15·639	−40·441	− 5	...	...
*	15·625	−12·644	2·40	46.8196	8·2
...	15·604	−18·100	− 3	...	...
*	15·603	+11·882	1·10	...	...
...	−15·554	−17·762	− 4	...	...
...	15·428	−19·258	− 5	...	...
‡	15·361	−23·403	1·00	...	...
*	15·179	−31·881	1·10	46.8197	9·5
...	15·168	− 4·519	− 2	...	...
811					
...	−15·160	−41·369	− 5	...	...
...	15·110	−24·363	− 5	...	...
*	15·081	−33·182	1·00	...	...
*	15·030	+15·669	1·00	...	...
*	15·004	−38·336	1·00	...	...
...	−14·974	−50·970	− 1	...	...
...	14·946	+20·333	− 5	...	...
...	14·926	−44·602	− 1	...	...
...	14·919	+ 6·216	− 5	...	...
...	14·891	−46·404	− 5	M	...
821					
...	−14·831	−11·460	− 3	...	...
...	14·823	+24·461	− 5	...	...
...	14·807	+31·666	0·80	...	...
...	14·731	−49·667	− 5	...	...
...	14·611	+25·877	− 5	...	...
...	−14·549	−11·778	− 3	...	...
...	14·506	+14·597	− 1	...	...
...	14·460	−53·875	− 5	...	...
...	14·422	−52·926	− 5	...	...
...	14·340	−55·127	− 5	...	...
831					
...	−14·294	−50·208	− 5	...	...
...	14·291	−34·951	− 5	...	...
...	14·282	−52·107	− 4	...	...
...	14·250	−39·125	− 5	...	...
...	14·243	+27·256	− 5	...	...
...	−14·238	−34·116	− 5	...	...
...	14·121	−37·562	0·90	...	...
...	14·110	−32·831	− 5	...	...
†	14·043	−54·856	− 5	...	...
*	13·953	−50·238	1·60	46.8199	9·0

708. Obscured by 2nd image of 709 ; 2nd image measured and corrected.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
841–900					
841					
...	−13·790	+55·504	− 4	...	...
...	13·740	−21·459	− 2	...	...
...	13·736	−54·455	− 5	...	...
...	13·691	+20·119	− 5	...	...
...	13·681	−44·589	− 5	M	...
...	−13·631	−59·557	− 5	...	...
...	13·614	− 4·599	− 3	...	...
...	13·599	+ 4·655	− 5	...	...
*	13·503	+24·141	1·80	45.8118	9·0
...	13·395	+41·969	− 5	M	...
851					
*	−13·375	−51·914	1·00	...	...
...	13·351	−55·460	− 5	...	...
...	13·307	−59·608	− 5	...	...
*	13·306	−48·956	1·35	46.8200	9·3
...	13·107	−45·593	− 5	...	...
...	−13·101	−52·648	− 5	...	...
*	13·095	−18·088	3·60	46.8202	7·7
...	13·027	−28·562	− 5	...	...
*	12·998	−47·405	1·35	46.8201	9·4
n	12·970	−50·756	1·00	46.8203	9·6
861					
...	−12·946	+18·181	0·90	...	...
...	12·920	−47·128	− 5	...	...
...	12·916	−13·531	− 5	...	...
...	12·862	+22·309	− 1	...	...
n [	12·861	−50·802	0·90	46.8203	9·6
... [	−12·791	−50·834	− 1	...	...
...	12·855	−49·944	− 4	...	...
...	12·854	+32·659	− 4	...	...
...	12·782	−51·159	− 5	...	...
...	12·753	−49·056	− 3	...	...
871					
...	−12·733	− 0·746	− 5	...	...
...	12·725	+19·086	− 4	...	...
S *	12·702	−20·790	4·00	46.8205	7·0
n *	12·669	−50·498	1·20	46.8204	9·5
...	12·603	−17·074	− 4	...	...
...	−12·597	−49·505	− 4	...	...
...	12·582	−49·724	− 1	...	...
n *	12·568	−50·682	1·25	46.8204	9·5
...	12·545	−31·351	− 1	...	...
...	12·528	−50·499	− 4	...	...
881					
...	−12·498	−48·357	− 3	...	...
...	12·298	−52·256	− 5	...	...
...	12·271	−59·263	− 4	...	...
...	12·269	− 4·281	− 3	...	...
...	12·263	−35·708	− 5	...	...
...	−12·202	−22·840	− 5	M	...
...	12·119	−44·673	− 5	...	...
...	12·081	−14·811	− 5	...	...
...	12·029	−25·646	− 4	...	...
...	12·010	+ 1·883	− 5	...	...
891					
...	−11·978	−49·529	− 5	...	...
...	11·968	+19·873	− 5	...	...
*	11·958	−49·147	1·80	46.8206	9·0
*	11·924	−50·160	1·00	46.8207	9·4
...	11·914	−40·533	− 3	...	...
...	−11·843	−13·568	− 5	...	...
...	11·807	−23·324	− 5	...	...
...	11·803	−50·188	− 2	...	...
*	11·745	−44·175	1·00	46.8208	9·5
...	11·668	+18·536	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
901–960					
901					
...	−11·641	−30·571	− 3	...	...
...	11·550	+22·201	− 5	...	...
*	11·494	+51·809	0·95	...	...
...	11·387	−50·689	− 1	...	...
*	11·379	−16·214	1·00	...	...
...	−11·334	−59·291	− 3	...	...
...	11·274	−49·144	− 4	...	...
...	11·198	−42·868	− 4	...	...
...	11·128	−41·599	− 3	...	...
...	11·093	+30·197	− 4	...	...
911					
...	−11·086	−30·905	− 5	...	...
...	10·993	− 3·530	− 4	...	...
...	10·925	−50·098	− 4	...	...
...	10·881	−55·112	− 1	...	...
...	10·817	−49·403	− 4	...	...
...	−10·777	−50·604	− 3	...	...
*	10·755	−55·914	1·00	...	...
...	10·703	−16·635	− 5	...	...
*	10·697	−41·304	1·00	46.8209	9·6
...	10·681	−17·446	− 4	...	...
921					
...	−10·680	−53·692	− 5	...	...
†	10·663	−49·772	− 2	...	...
...	10·579	−31·153	− 3	...	...
‡	10·357	+37·792	0·95	...	...
†	10·354	−51·203	− 5	...	...
...	−10·275	−30·547	− 5	...	...
*	10·170	+23·756	1·20	45.8119	9·3
...	10·149	+59·076	− 4	...	...
*	10·137	+13·088	1·00	...	...
...	10·020	−39·738	− 4	...	...
931					
...	− 9·918	+47·572	− 4	...	...
...	9·883	−53·822	− 2	...	...
...	9·872	+14·217	− 5	...	...
*	9·760	+57·536	1·35	44.8024	9·5
...	9·733	− 5·597	− 4	...	...
...	− 9·703	−21·399	0·95	...	...
†	9·687	+39·965	− 5	...	...
...	9·666	+11·413	− 5	...	...
†	9·662	−29·852	− 5	...	...
†	9·657	+30·000	− 3	...	...
941					
...	− 9·599	−33·207	− 5	...	...
...	9·552	−42·015	− 1	...	...
...	9·539	−51·056	1·00	...	...
...	9·519	−54·495	− 5	...	...
...	9·510	+15·421	− 4	...	...
*	− 9·481	+56·449	1·25	45.8120	9·6
...	9·447	+ 0·419	− 5	M	...
...	9·351	−13·730	− 4	...	...
*	9·215	−59·619	1·20	46.8211	9·6
†	9·208	−39·819	− 4	...	...
951					
*	− 9·186	−51·027	1·20	46.8212	9·6
...	9·118	− 3·088	0·65	...	...
*	9·088	−23·927	2·00	46.8214	8·7
...	9·074	−45·669	− 5	...	...
...	9·038	−52·898	− 5	...	...
...	− 9·007	+ 6·307	− 1	...	...
*	8·917	−50·140	1·20	46.8213	9·6
*	8·893	+ 9·655	1·15	45.8121	9·4
*	8·852	−52·990	1·30	46.8215	9·5
...	8·842	−57·271	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
961–1020					
961					
...	− 8·829	−49·061	− 5	...	...
...	8·765	+ 9·246	− 4	...	...
...	8·690	+47·049	− 5	...	...
...	8·678	−23·890	− 1	...	...
*	8·669	−47·935	1·20	46.8217	9·6
*	− 8·614	−48·646	1·20	46.8216	9·6
...	8·612	−44·226	0·70	...	...
...	8·589	+48·962	− 3	...	...
...	8·563	+53·167	− 5	...	...
...	8·501	+42·025	0·75	...	...
971					
*	− 8·429	−53·822	2·00	46.8218	8·4
...	8·429	+23·867	− 5	M	...
...	8·362	−57·692	− 1	...	...
...	8·359	−10·201	− 5	...	...
*	8·340	+47·194	1·80	45.8122	9·0
*	− 8·318	−10·032	1·05	46.8219	9·5
...	8·284	+ 7·092	0·65	...	...
...	8·265	+58·285	− 5	...	...
...	8·198	+15·618	− 5	...	...
...	8·173	−16·012	− 4	...	...
981					
...	− 8·124	+25·929	0·70	...	...
...	8·061	−21·309	− 5	*m*	...
...	8·052	+49·660	− 5	...	...
*	8·030	−54·435	1·40	46.8220	9·6
...	8·002	+15·662	− 3	...	...
*	− 7·965	−54·171	1·80	46.8221	9·0
...	7·893	−55·710	− 4	...	...
*	7·833	+25·116	2·00	45.8123	8·8
...	7·769	−54·610	− 5	...	...
*	7·761	−30·368	1·10	46.8222	9·5
991					
...	− 7·748	−58·926	1·00	...	...
...	7·733	+18·956	− 5	*m*	...
...	7·724	+27·477	− 3	...	...
...	7·660	−53·209	− 5	*m*	...
*	7·603	+33·485	1·40	45.8124	9·0
...	− 7·558	−41·519	− 4	...	...
...	7·518	−22·335	0·70	...	...
*	7·518	−42·114	1·00	...	...
...	7·487	+ 0·375	− 5	M *m*	...
*	7·482	−54·384	3·00	46.8223	7·7
1001					
†	− 7·391	+54·898	− 4	...	...
*	7·165	+28·098	1·00	...	...
...	7·057	−53·611	− 4	...	...
...	7·024	+ 8·726	− 4	*m*	...
...	7·003	−39·545	− 5	*m*	...
*	− 6·896	−15·200	1·10	46.8224	9·6
...	6·820	− 2·554	− 5	...	...
...	6·815	−38·801	− 5	M	...
...	6·783	−19·569	− 5	*m*	...
*	6·763	+37·619	1·20	45.8125	9·6
1011					
...	− 6·507	−34·077	− 5	M *m*	...
...	6·473	−37·645	− 4	...	...
...	6·454	+ 9·807	− 5	M *m*	...
*	6·396	−43·753	1·10	...	...
...	6·387	+58·128	− 3	...	...
...	− 6·316	+12·977	− 2	...	...
...	6·311	−52·312	− 5	...	...
...	6·306	+14·639	− 5	*m*	...
...	6·299	− 6·802	− 4	...	...
...	6·172	+21·293	− 4	...	...

860, 865. C.P.D., mass
874. 878. C.P.D., mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
1021-1080					
1021	′	′	°		
…	− 6·155	−53·043	− 5	…	…
…	6·127	+50·390	− 5	…	…
…	6·044	−34·003	− 5	*m*	…
…	6·025	− 1·571	− 4	…	…
…	5·784	−35·279	− 4	…	…
…	− 5·705	−49·251	− 5	…	…
…	5·608	+33·726	− 4	…	…
…	5·593	+13·921	− 5	*m*	…
…	5·560	+15·858	− 5	*m*	…
†	5·322	+44·518	− 5	…	…
1031					
†	− 5·303	−35·927	− 4	…	…
…	5·262	+28·408	− 5	*m*	…
*	5·253	−26·645	0·95	…	…
…	5·249	−42·841	− 5	…	…
…	5·109	+55·990	− 5	…	…
…	− 5·083	− 7·007	− 5	…	…
…	5·060	−27·796	− 5	…	…
…	4·950	+56·353	− 5	…	…
…	4·876	+43·330	− 5	…	…
‡ ‡	4·866	+35·001	1·00	…	…
1041					
…	− 4·811	−56·629	− 1	…	…
…	4·787	+25·448	0·95	…	…
…	4·721	+ 4·070	− 4	…	…
…	4·719	+14·981	− 1	…	…
…	4·658	−49·104	− 3	…	…
†	− 4·641	+49·847	− 4	…	…
…	4·596	−10·923	− 4	…	…
…	4·567	+13·682	− 1	…	…
…	4·560	−26·142	− 5	…	…
…	4·470	−31·591	− 5	*m*	…
1051					
…	− 4·445	−25·656	− 4	…	…
*	4·379	+37·021	1·50	45.8126	9·3
…	4·328	+11·407	− 4	…	…
…	4·290	+24·724	− 2	…	…
…	4·277	+18·452	− 5	…	…
…	− 4·235	− 5·663	− 5	*m*	…
*	4·159	−24·049	0·90	…	…
…	3·932	−42·475	− 1	…	…
…	3·904	−57·057	− 5	…	…
…	3·875	−58·249	− 5	…	…
1061					
…	− 3·775	−21·029	− 5	…	…
*	3·769	−20·648	1·00	…	…
…	3·740	−47·675	− 4	…	…
S *	3·676	+17·746	2·00	45.8127	8·7
…	3·660	−28·014	− 5	…	…
…	− 3·641	−53·287	− 5	…	…
…	3·576	−30·244	− 5	…	…
…	3·565	−29·383	− 5	…	…
‡ ‡	3·497	+35·005	1·00	…	…
…	3·441	−38·799	− 5	…	…
1071					
…	− 3·433	−22·658	− 5	…	…
…	3·424	−46·194	− 5	…	…
…	3·361	−13·523	− 4	…	…
*	3·340	+ 8·356	1·00	…	…
…	3·186	+12·879	− 4	…	…
…	− 3·104	+54·487	− 1	…	…
…	3·082	−23·530	− 5	…	…
*	3·010	+11·590	1·00	…	…
…	2·957	+37·831	− 4	…	…
†	2·916	+24·923	− 5	…	…
1081-1140					
1081	′	′	°		
…	− 2·899	−36·280	− 5	…	…
…	2·789	−43·708	− 5	M	…
*	2·759	−38·634	1·00	…	…
…	2·743	−26·447	− 5	…	…
…	2·732	−29·688	− 5	…	…
n	− 2·542	−48·815	− 1	46.8225	9·6
…	2·466	−52·573	− 5	…	…
…	2·404	−16·278	− 5	*m*	…
…	2·402	−29·281	− 5	…	…
n	2·398	−48·671	− 1	46.8225	9·6
1091					
…	− 2·383	−56·480	− 5	…	…
…	2·302	−37·044	− 4	…	…
…	2·281	−33·576	− 4	A *m*	…
m *	2·248	+ 0·795	1·60	45.8128	9·3
…	2·170	+26·594	− 5	…	…
*	− 2·112	+23·683	1·30	45.8129	9·4
…	2·096	−55·280	− 5	…	…
*	2·012	− 0·539	1·00	…	…
…	1·976	− 6·295	− 5	*m*	…
*	1·871	−37·250	1·00	…	…
1101					
*	− 1·869	+ 3·541	1·90	45.8130	9·2
…	1·846	−34·645	− 5	…	…
…	1·834	−40·972	− 5	M	…
…	1·793	− 0·937	− 5	…	…
*	1·517	− 8·222	1·00	46.8226	9·6
…	− 1·476	−33·470	− 4	…	…
…	1·383	−25·792	− 5	…	…
…	1·347	+ 9·512	− 4	…	…
*	1·199	−42·143	1·00	…	…
…	0·897	+ 8·440	− 5	*m*	…
1111					
…	− 0·880	+43·163	− 5	*m*	…
…	0·865	−33·516	− 3	…	…
…	0·841	−47·639	− 5	…	…
…	0·639	−25·935	− 5	…	…
*	0·566	+23·407	1·00	…	…
…	− 0·457	+ 2·218	− 1	…	…
†	0·362	+29·988	− 4	…	…
…	0·123	− 4·145	− 5	M *m*	…
…	− 0·019	−58·567	− 4	…	…
…	+ 0·097	−28·501	− 5	…	…
1121					
…	+ 0·101	−27·084	− 5	…	…
…	0·291	− 3·664	− 5	*m*	…
…	0·327	−32·781	− 1	…	…
*	0·348	+41·314	1·60	45.8131	8·8
…	0·362	−44·739	0·70	…	…
…	+ 0·509	+20·062	− 4	…	…
…	0·545	−24·116	− 5	*m*	…
…	0·575	−41·153	− 5	…	…
…	0·599	+47·530	− 5	…	…
…	0·626	+13·529	− 4	…	…
1131					
…	+ 0·786	−50·890	− 4	…	…
…	0·828	−46·113	− 5	…	…
…	0·923	+23·513	− 4	…	…
*	0·987	+46·694	1·15	…	…
*	1·071	−45·938	1·00	…	…
…	+ 1·107	−13·833	− 5	M *m*	…
…	1·112	−25·774	− 5	…	…
†	1·127	−49·886	− 4	…	…
…	1·208	−26·123	0·65	…	…
*	1·432	−39·888	1·40	46.8227	9·2
1141-1200					
1141	′	′	°		
…	+ 1·534	+44·370	− 2	…	…
…	1·631	−57·549	− 4	…	…
*	1·633	−30·185	1·00	…	…
*	1·645	+43·518	1·30	45.8132	9·5
…	1·814	−58·796	− 5	*m*	…
*	+ 1·841	+32·416	1·20	45.8133	9·6
…	1·914	+56·464	− 5	…	…
*	1·933	+58·279	1·50	44.8031	9·2
…	2·069	+47·874	− 1	…	…
…	2·107	−57·873	− 5	…	…
1151					
…	+ 2·265	+44·490	− 3	…	…
…	2·285	−59·409	− 5	…	…
…	2·314	−34·547	− 3	…	…
…	2·342	+21·253	− 5	*m*	…
…	2·353	−41·489	− 5	*m*	…
…	+ 2·359	−27·097	− 5	*m*	…
…	2·385	+59·158	− 5	…	…
* [	2·396	−56·753	1·15	46.8228	9·3
* [	2·420	−56·830	1·15		
…	2·408	+45·370	− 1	…	…
1161					
…	+ 2·445	−59·354	0·80	…	…
…	2·511	−23·151	− 5	*m*	…
…	2·533	−17·691	− 5	…	…
…	2·566	+41·021	− 3	…	…
…	2·566	−56·290	− 1	…	…
S *	+ 2·638	+43·278	3·05	45.8134	7·8
…	2·712	−23·392	0·95	…	…
†	2·722	−39·899	− 4	…	…
…	2·734	− 1·571	− 5	M *m*	…
…	2·781	+24·147	− 4	…	…
1171					
…	+ 2·847	−35·401	− 5	…	…
*	2·919	−25·517	1·50	46.8229	8·8
…	2·927	+26·244	0·75	…	…
…	2·957	−45·597	− 4	…	…
…	2·992	− 2·368	− 1	…	…
…	+ 3·040	+ 2·640	− 1	…	…
…	3·263	−42·628	0·65	…	…
…	3·327	−40·507	− 1	…	…
…	3·336	−10·767	− 4	…	…
…	3·383	+23·025	0·65	…	…
1181					
…	+ 3·396	−22·812	− 5	*m*	…
…	3·402	−48·446	− 3	…	…
…	3·408	−17·662	− 4	…	…
…	3·435	+10·769	− 5	*m*	…
*	3·525	−50·543	1·60	46.8230	9·0
…	+ 3·529	+50·364	0·90	…	…
…	3·586	+51·753	− 1	…	…
*	3·645	+36·595	1·00	…	…
…	3·681	−13·059	− 3	…	…
…	3·681	−46·310	0·80	…	…
1191					
…	+ 3·685	−41·458	− 4	…	…
…	3·717	+22·818	− 5	*m*	…
…	3·739	−40·133	0·70	…	…
…	3·838	−30·834	− 5	*m*	…
…	3·854	−23·514	− 2	…	…
…	+ 4·022	−10·746	− 4	…	…
…	4·022	−44·570	− 5	M	…
…	4·209	+32·599	− 4	…	…
…	4·272	− 2·851	− 3	…	…
…	4·278	+51·253	− 5	…	…

1086, 1090. C.P.D., mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
1201–1260					
1201					
*	+ 4′344	+41′018	1·00	° ...	...
...	4·396	−15·496	− 5	...	...
...	4·399	+ 0·782	− 5	M *m*	...
...	4·416	−49·197	− 5	*m*	...
...	4·478	−20·273	− 5	...	...
†	+ 4·685	+48·612	− 5	...	...
†	4·690	−40·659	− 5	...	...
...	4·755	−21·969	− 5	...	...
...	4·791	+15·883	− 5	...	...
...	4·831	+50·328	− 3	...	...
1211					
*	+ 4·939	+36·986	1·05	45.8135	9·6
...	4·987	+36·413	− 4	...	...
*	5·049	− 4·139	2·00	46.8231	8·9
...	5·096	+26·721	0·70	...	...
...	5·119	+13·067	− 3	...	...
†	+ 5·173	−40·228	− 5	...	...
...	5·284	−59·048	− 4	...	...
...	5·353	−53·849	− 5	*m*	...
...	5·405	+30·881	0·80	...	...
...	5·438	−47·585	− 4	...	...
1221					
...	+ 5·481	−41·335	− 5	M *m*	...
...	5·514	+44·250	− 5	...	...
*	5·535	+26·722	2·60	45.8136	8·6
...	5·691	+ 1·333	0·90	...	...
...	5·732	−49·660	− 5	...	...
...	+ 5·787	+19·368	− 5	...	...
...	5·802	+12·899	− 1	...	...
*	5·855	+25·140	2·00	45.8137	9·0
...	5·878	+14·139	− 3	...	...
*	6·007	+22·114	1·05	...	...
1231					
*	+ 6·028	+47·447	3·60	45.8138	7·4
...	6·068	−35·801	− 5	...	...
...	6·389	+24·016	− 1	...	...
...	6·547	−30·867	− 3	...	...
...	6·576	−25·940	− 4	...	...
...	+ 6·587	−13·286	− 2	...	...
...	6·758	+47·101	− 1	...	...
...	6·758	−35·392	− 5	...	...
...	6·771	−30·567	− 5	...	...
...	6·931	+14·474	− 5	...	...
1241					
...	+ 6·935	−44·449	− 3	...	...
...	6·936	+31·593	0·80	...	...
...	6·959	+ 8·609	− 5	*m*	...
...	7·006	−40·794	− 4	...	...
*	7·102	+51·052	1·00	...	...
...	+ 7·137	−42·383	− 5	...	...
*	7·166	+ 4·432	1·05	45.8139	9·6
...	7·194	− 9·149	− 5	M	...
...	7·218	+19·238	0·95	...	...
*	7·242	−49·077	1·50	46.8233	9·2
1251					
...	+ 7·536	−54·140	− 5	M	...
*	7·605	−37·004	1·00	46.8234	9·6
...	7·621	+49·000	− 4	*m*	...
...	7·859	−32·329	− 5	...	...
...	7·915	−18·458	− 2	...	...
...	+ 7·947	+ 6·078	− 5	*m*	...
*	7·967	+37·890	1·10	45.8140	9·5
...	8·047	+45·767	− 1	...	...
*	8·152	+ 9·342	1·35	45.8141	9·4
...	8·248	+59·462	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
1261–1320					
1261					
...	+ 8′263	−20′959	− 4	° ...	...
*	8·285	−36·235	1·10	46.8235	9·6
*	8·349	+14·153	4·00	45.8142	7·4
...	8·631	+42·411	− 4	...	...
*	8·700	+46·239	1·00	45.8143	9·6
...	+ 8·818	−21·261	− 5	...	...
...	8·832	−12·143	− 3	...	...
...	8·963	−37·452	− 2	...	...
*	8·975	−46·967	1·00	...	...
...	9·049	−38·471	− 5	*m*	...
1271					
†	+ 9·089	− 4·993	− 3	...	...
...	9·220	+ 6·330	− 3	...	...
...	9·245	+37·135	− 5	...	...
...	9·275	+50·807	− 5	...	...
...	9·287	+43·243	− 4	...	...
...	+ 9·362	+ 7·996	0·90	...	...
...	9·387	−17·908	− 4	...	...
...	9·402	−16·536	− 5	...	...
*	9·451	−45·567	1·20	46.8236	9·4
...	9·476	−23·811	0·90	...	...
1281					
...	+ 9·489	+ 7·372	− 5	*m*	...
...	9·653	−36·684	− 5	...	...
†	9·654	−54·103	− 5	...	...
...	9·659	−47·167	− 5	...	...
†	9·697	+58·079	− 5	...	...
...	+ 9·702	−48·654	− 5	...	...
...	9·769	−33·410	− 5	*m*	...
...	9·825	−35·381	− 2	...	...
...	9·827	−54·452	− 5	...	...
...	9·882	−52·405	− 4	...	...
1291					
...	+ 9·883	+ 1·940	− 5	*m*	...
*	9·870	+41·893	1·30	45.8144	9·4
...	9·963	− 0·166	0·70	...	...
...	9·976	−42·150	− 5	*m*	...
*	10·002	−15·720	1·00	...	...
*	+10·124	−52·403	1·30	46.8237	9·6
...	10·157	−23·875	0·70	...	...
...	10·199	−42·622	− 4	...	...
‡	10·236	+49·934	1·00	45.8145	9·6
...	10·241	−44·447	− 5	...	...
1301					
...	+10·256	−46·440	− 5	...	...
...	10·302	−13·427	− 5	...	...
α *	10·341	+ 0·153	1·80	45.8146	8·8
...	10·351	−28·261	− 4	...	...
...	10·360	+54·079	− 2	...	...
...	+10·455	−37·454	− 4	*m*	...
...	10·570	+53·199	− 5	...	...
...	10·582	+49·555	− 5	...	...
...	10·587	+20·758	− 4	*m*	...
...	10·603	+21·318	− 5	*m*	...
1311					
...	+10·650	+45·810	− 4	...	...
...	10·876	+32·863	0·65	...	...
*	10·885	− 9·568	1·40	46.8238	9·0
...	10·962	+ 0·647	− 4	α	...
...	11·416	+59·324	− 4	...	...
...	+11·427	+56·077	− 4	...	...
*	11·453	+31·118	1·00	...	...
...	11·486	+50·606	− 5	...	...
...	11·494	−48·146	− 4	...	...
...	11·601	−20·168	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
1321–1380					
1321					
...	+11′611	−20′417	− 3	° ...	...
...	11·700	−19·609	− 5	*m*	...
...	11·727	−28·304	− 4	...	...
...	11·780	−51·016	− 5	*m*	...
...	11·815	−44·624	− 4	...	...
...	+11·890	+47·836	− 5	...	...
*	11·894	−44·208	1·60	46.8239	9·0
...	11·996	−52·104	− 4	...	...
...	12·016	+37·578	− 4	*m*	...
...	12·052	+47·939	0·65	...	...
1331					
...	+12·085	−52·319	− 5	*m*	...
...	12·355	−12·716	− 4	...	...
...	12·397	−38·868	− 5	...	...
...	12·582	−52·238	0·90	...	...
...	12·761	−26·098	0·70	...	...
...	+12·763	−54·633	− 4	...	...
...	12·808	+17·938	0·80	...	...
...	12·835	+54·024	− 1	...	...
...	12·856	−54·166	− 5	...	...
‡	12·858	+54·901	1·05	45.8147	9·6
1341					
...	+12·947	−34·128	− 5	...	...
...	12·975	−20·943	− 1	...	...
...	13·034	− 8·033	− 4	...	...
...	13·036	−39·095	− 5	...	...
...	13·136	−13·786	0·90	...	...
*	+13·153	− 9·442	2·00	46.8240	8·2
...	13·169	+55·936	− 3	...	...
...	13·503	+35·076	− 4	...	...
...	13·550	−47·074	− 5	...	...
...	13·649	−41·347	− 5	*m*	...
1351					
...	+13·694	−51·089	− 3	...	...
*	13·819	+53·470	1·15	...	...
...	13·819	−34·633	− 5	*m*	...
*	13·826	+39·014	1·10	45.8148	9·6
...	13·829	+ 3·068	0·80	...	...
...	+13·934	−50·272	− 5	...	...
...	13·972	+55·125	− 5	...	...
...	14·031	−37·816	− 4	...	...
...	14·041	−53·443	− 5	...	...
†	14·042	−54·872	− 5	...	...
1361					
...	+14·046	+15·171	− 5	...	...
...	14·110	+ 3·624	0·90	45.8149	9·6
...	14·119	+26·848	− 5	...	...
†	14·207	+54·915	− 5	...	...
...	14·223	−30·630	0·90	...	...
...	+14·385	−16·864	− 4	...	...
*	14·447	−41·567	1·20	46.8241	9·5
...	14·463	−32·792	− 5	...	...
N [	14·875	−11·868	− 4	...	...
N [	14·934	−11·892	− 3	...	...
1371					
*	+14·906	−59·368	2·10	46.8242	8·6
...	14·937	+59·480	− 5	...	...
*	15·175	−16·305	1·20	46.8243	9·3
...	15·215	−34·762	− 5	...	...
...	15·373	+16·918	0·95	...	...
...	+15·500	−51·815	− 5	*m*	...
S *	15·554	−13·262	2·90	46.8244	8·0
*	15·809	+ 4·009	1·00	...	...
...	15·858	−34·271	− 2	...	...
...	15·906	+30·704	− 5	...	...

1369, 1370. 47° 101, mass.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
1381–1440					
1381				°	
...	+15·978	−27·939	− 5	...	...
...	16·028	+48·388	− 5	...	...
*	16·079	−22·747	1·00	...	...
...	16·134	−42·333	− 4	...	...
...	16·293	+47·348	− 5	...	...
...	+16·512	−29·434	− 5	*m*	...
...	16·521	− 3·972	− 5	*m*	...
...	16·626	+50·525	− 5	...	...
...	16·768	− 6·773	− 1	...	...
...	16·786	− 9·286	− 1	...	...
1391					
...	+16·908	−32·450	− 5	...	...
...	16·989	+53·389	− 4	...	...
...	17·202	+ 5·788	− 5	*m*	...
...	17·266	+30·250	− 2	...	...
...	17·478	+11·312	− 5	...	...
...	+17·490	+47·346	− 3	...	...
*	17·540	+38·153	1·70	45.8150	9·2
...	17·661	−27·809	− 4	...	...
...	17·866	+51·192	− 5	...	...
...	17·945	−12·325	− 5	...	...
1401					
...	+18·031	−31·361	− 5	...	...
...	18·311	+44·695	− 4	...	...
*	18·399	+29·850	1·05	45.8151	9·6
...	18·405	+53·059	− 4	...	...
...	18·500	−52·802	− 4	...	...
...	+18·555	+39·852	− 5	...	...
...	18·724	−45·244	− 4	...	...
...	18·844	− 8·483	− 5	*m*	...
...	18·874	+22·375	− 4	...	...
...	19·116	+50·745	− 5	...	...
1411					
...	+19·122	−50·271	− 5	...	...
*	19·289	−23·237	1·00	46.8246	9·5
...	19·334	+34·797	− 3	...	...
...	19·477	− 3·346	− 5	...	...
‡	19·582	+58·287	1·30	44.8047	9·6
...	+19·738	+37·741	− 5	...	...
*	19·828	−41·204	1·05	46.8247	9·6
...	19·839	+28·424	− 3	...	...
...	19·911	−49·380	− 1	...	...
...	19·988	+34·650	− 4	...	...
1421					
...	+20·097	+20·264	− 5	...	...
...	20·254	+37·816	− 4	...	...
...	20·259	− 1·240	− 4	...	...
*	20·330	+20·083	1·00	45.8152	9·6
...	20·555	+ 8·868	− 5	*m*	...
...	+20·722	+46·649	− 5	...	...
...	20·842	+49·267	1·00	...	...
...	20·901	+27·395	0·80	...	...
...	21·019	+10·883	− 4	...	...
...	21·031	+28·074	− 4	...	...
1431					
...	+21·136	−51·167	− 5	...	...
...	21·155	+59·573	− 4	...	...
...	21·255	−37·290	− 5	...	...
...	21·338	+56·126	− 5	...	...
*	21·443	+52·130	1·00	...	...
...	+21·445	+25·566	− 5	...	...
...	21·505	−27·154	− 5	...	...
...	21·552	+ 6·260	− 4	...	...
...	21·790	−29·215	− 5	...	...
...	21·796	+57·803	− 5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
1441–1500					
1441				°	
...	+21·897	−47·069	− 4	...	...
...	21·908	− 5·636	− 5	*m*	...
...	22·020	+50·177	− 5	...	...
*	22·098	−15·464	1·00	46.8248	9·6
...	22·139	+54·119	− 5	...	...
...	+22·328	−32·602	− 3	...	...
*	22·570	−50·827	1·00	46.8250	9·5
...	22·616	+32·816	− 3	...	...
...	22·678	+10·118	− 4	...	...
...	22·913	+42·847	− 1	...	...
1451					
...	+22·913	+ 8·677	− 3	...	...
...	23·183	−28·855	− 5	...	...
*	23·379	+54·558	1·00	...	...
...	23·434	+53·448	− 1	...	...
*	23·494	− 8·771	1·15	46.8251	9·3
...	+23·569	+34·492	− 5	...	...
*	23·974	+43·412	1·20	45.8153	9·4
...	24·077	− 5·766	0·80	...	...
...	24·211	+32·806	− 5	...	...
...	24·643	−38·937	− 4	...	...
1461					
*	+24·711	+58·973	1·00	...	...
...	24·726	− 4·262	− 1	...	...
S *	24·779	−57·261	2·90	46.8252	7·6
...	24·842	+36·933	− 5	...	...
...	24·901	+50·061	0·70	...	...
...	+25·214	+28·279	− 2	...	...
...	25·221	−45·213	− 4	...	...
*	25·307	−10·944	1·40	46.8253	9·0
...	25·379	− 4·322	− 4	*a*	...
...	25·659	−28·923	− 3	...	...
1471					
...	+25·716	−38·629	− 4	...	...
*	25·926	−27·533	1·00	...	...
...	26·015	− 6·104	0·90	...	...
...	26·016	+ 4·299	− 5	*m*	...
†	26·201	+10·033	− 5	...	...
...	+26·254	+57·480	− 3	...	...
...	26·302	+17·158	− 4	...	...
...	26·396	−16·489	− 5	...	...
...	26·459	− 7·962	− 5	*m*	...
...	26·466	−15·355	− 2	...	...
1481					
...	+26·536	−28·611	− 1	...	...
...	26·641	+13·655	0·70	...	...
...	26·818	+15·143	− 3	...	...
...	26·889	+44·032	− 5	...	...
...	26·931	− 2·181	− 4	*a*	...
*	+27·014	−44·934	1·00	46.8254	9·6
...	27·037	+50·068	− 5	...	...
...	27·087	+50·949	− 5	...	...
...	27·105	−14·721	− 4	...	...
...	27·146	+56·436	− 5	...	...
1491					
†	+27·292	−49·879	− 1	...	...
...	27·342	+56·677	− 1	...	...
...	27·584	+ 6·112	0·65	...	...
...	27·602	+53·467	− 1	...	...
...	27·859	+26·713	− 5	...	...
*	+28·011	−25·143	1·25	46.8255	9·5
...	28·099	+42·424	− 5	...	...
...	28·158	+44·206	− 4	...	...
...	28·186	−38·048	− 5	...	...
...	28·205	−28·677	− 3	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
1501–1560					
1501				°	
...	+28·211	−43·456	− 4	...	...
...	28·239	− 6·130	− 5	*m*	...
*	28·243	−51·776	1·15	46.8256	9·6
...	28·377	+ 2·406	− 4	...	...
...	28·510	+47·178	− 4	...	...
...	+28·523	−19·754	0·70	...	...
*	28·680	−26·362	1·15	46.8257	9·6
...	28·684	−14·173	− 2	...	...
*	28·738	+53·449	1·20	45.8154	9·6
...	28·765	+45·858	− 4	...	...
1511					
*	+29·158	+56·626	1·15	...	...
...	29·206	−29·690	− 5	...	...
*	29·215	−47·478	1·30	46.8258	9·2
*	29·232	+22·199	1·20	...	...
*	29·258	−56·710	1·15	46.8259	9·5
...	+29·286	−56·606	− 1	...	...
...	29·275	+41·284	1·10	...	...
...	29·437	+43·906	− 4	...	...
...	29·451	− 7·533	− 4	...	...
†	29·644	+44·052	− 4	...	...
1521					
*	+29·698	+56·242	2·40	45.8155	8·9
*	29·980	+ 0·155	1·00	α	...
...	30·013	+55·131	− 5	...	...
...	30·191	+46·700	− 4	...	...
...	30·223	+ 6·252	− 5	...	...
...	+30·405	+57·994	− 5	...	...
†	30·501	+54·852	− 5	...	...
*	30·793	+29·083	1·10	45.8156	9·4
...	30·859	−12·937	− 5	*m*	...
...	30·930	+44·782	− 5	*m*	...
1531					
...	+30·931	+30·261	− 1	...	...
...	31·008	+ 1·457	0·90	...	...
*	31·250	−59·020	1·60	46.8260	9·5
...	31·320	−41·929	− 3	...	...
...	31·372	−13·143	− 5	...	...
...	+31·501	+57·907	− 5	...	...
...	31·776	+ 4·494	− 4	...	...
...	32·050	−41·365	− 5	...	...
...	32·146	−39·169	− 3	...	...
...	32·194	+ 9·752	− 5	...	...
1541					
...	+32·341	−46·641	− 1	...	...
*	32·377	+ 1·034	1·15	45.8157	9·3
...	32·397	+12·504	− 3	...	...
...	32·479	+56·392	− 5	...	...
...	32·685	+49·238	− 5	...	...
*	+32·827	+ 1·536	1·20	45.8158	9·2
...	32·975	+21·847	− 5	...	...
...	33·116	−51·456	− 4	...	...
...	33·204	−18·977	− 3	...	...
...	33·237	−34·370	− 4	...	...
1551					
α *	+33·270	+ 0·262	1·20	45.8159	9·2
...	33·295	−37·816	− 4	...	...
...	33·351	+47·960	− 5	...	...
*	33·760	+18·394	1·05	45.8160	9·4
...	33·775	+ 4·892	− 5	*m*	...
*	+33·795	+25·059	1·00	...	...
*	33·802	−28·049	2·00	46.8261	9·0
...	34·253	−16·130	− 4	...	...
...	34·278	−44·289	− 5	...	...
...	34·420	+ 9·840	− 4	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	− y.	−3.	No.	Mag.
1561–1620					
1561				°	
...	+34·436	−57·806	− 5	...	...
†	34·495	− 2·805	0·70	...	...
n ‡	34·619	+56·591	1·60	45.8161	9·0
n [	34·652	+56·469	1·00		
†	34·672	+20·005	0·70	...	...
...	+34·742	+38·009	− 2	...	...
...	34·793	+45·548	− 5	...	...
...	34·830	+41·883	− 5	...	...
...	35·029	+21·708	− 5	...	...
...	35·177	−54·940	− 5	...	...
1571					
...	+35·258	−55·686	− 5	...	...
...	35·480	− 1·705	− 5	m	...
...	35·840	−21·590	− 5	m	...
...	35·962	+ 2·186	− 5	...	...
...	36·035	−34·279	− 1	...	...
...	+36·105	+37·480	− 5	...	...
...	36·110	−51·302	− 3	m	...
...	36·132	+ 9·397	− 5	...	...
...	36·132	−30·545	− 1	...	...
...	36·153	−44·701	− 5	m	...
1581					
*	+36·335	+28·298	1·30	45.8162	9·5
...	36·360	−54·406	− 5	m	...
...	36·458	−32·492	− 1	...	...
*	36·501	−56·957	1·40	46.8263	9·6
...	36·517	+34·578	− 5	...	...
*	+36·523	−48·054	1·20	46.8262	9·6
...	36·559	−27·923	− 2	...	...
*	36·573	+46·207	1·20	45.8163	9·5
...	36·584	+33·855	− 4	...	...
...	36·618	−11·762	− 2	...	...
1591					
...	+36·635	+ 8·797	− 4	...	...
...	36·850	+58·881	− 4	...	...
...	37·004	−48·740	− 2	...	...
...	37·019	+45·667	− 3	...	...
n *	37·134	+38·553	1·60	45.8164	8·7
...	+37·147	+45·171	− 2	...	...
n *	37·176	+38·735	1·40	45.8164	8·7
...	37·387	+25·281	− 3	...	...
...	37·391	+25·953	− 4	...	...
*	37·610	−40·204	1·20	46.8264	9·6
1601					
...	+37·633	− 0·712	− 4	...	...
*	37·923	+12·480	1·15	45.8165	9·6
...	37·927	−45·219	− 1	...	...
...	38·287	+33·411	− 5	...	...
...	38·471	+ 9·075	− 4	...	...
*	+38·500	−46·236	2·00	46.8265	8·4
* [	38·713	−38·181	1·40	46.8266	8·8
* [	38·819	−38·196	1·40		
...	39·119	− 4·484	− 5	m	...
...	39·261	+42·056	1·05	...	...
1611					
*	+39·362	−45·081	1·80	46.8267	8·9
S ‡	39·466	+20·030	1·50	45.8166	9·0
†	39·492	−26·636	0·70	...	...
†	39·578	−50·014	− 1	...	...
†	39·587	−53·740	− 5	...	...
...	+39·645	−20·292	− 5	m	...
*	39·704	−38·516	1·00	...	...
...	39·997	+55·530	− 1	...	...
*	40·222	+ 1·524	1·00	45.8167	9·6
...	40·267	−24·142	− 5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
1621–1680					
1621				°	
...	+40·297	−49·770	− 5	...	...
*	40·303	+53·365	1·00	...	...
...	40·329	−40·510	− 5	...	...
*	40·350	−51·215	2·00	46.8269	9·0
...	40·450	−36·690	− 1	...	...
*	+40·473	−40·210	1·50	46.8268	9·2
...	40·617	+50·097	− 1	...	...
...	40·650	−29·980	− 1	...	...
†	40·817	+14·927	− 1	...	...
...	40·897	−57·868	− 5	...	...
1631					
...	+41·082	+32·346	− 5	m	...
...	41·190	+42·496	− 1	...	...
...	41·264	−16·498	− 1	...	...
...	41·322	+50·670	− 5	...	...
...	41·390	+49·025	− 4	...	...
*	+41·567	− 1·001	2·00	45.8168	8·8
...	41·597	+45·156	− 5	...	...
*	41·599	+35·025	1·00	...	...
...	41·658	+12·663	− 1	...	...
...	41·668	+33·187	− 5	...	...
1641					
...	+41·673	+38·730	− 4	...	...
...	41·787	+54·924	− 5	...	...
*	41·809	+28·454	1·40	45.8169	9·0
...	41·948	+59·223	− 5	...	...
...	42·160	−20·292	− 5	m	...
...	+42·410	−41·372	− 5	...	...
*	42·614	+41·758	1·00	...	...
...	42·653	+45·780	− 4	...	...
...	42·685	+53·082	− 5	m	...
...	42·690	+48·298	− 5	...	...
1651					
...	+43·217	−59·662	− 1	...	...
...	43·362	−34·629	− 5	m	...
*	43·497	+33·246	1·20	45.8170	9·5
...	43·520	−32·735	− 5	e	...
...	43·521	+20·395	− 4	...	...
...	+43·648	− 5·106	− 4	...	...
‡	43·726	+49·860	1·10	45.8171	9·6
...	43·798	−58·314	− 5	...	...
...	44·071	−46·240	− 3	...	...
...	44·263	+39·653	− 1	...	...
1661					
...	+44·319	+44·620	− 5	...	...
...	44·324	+ 0·334	− 3	...	...
†	44·738	−39·868	− 3	...	...
*	44·849	+29·130	1·60	45.8172	9·3
...	45·084	+ 0·802	− 5	e	...
*	+45·091	−15·728	1·00	...	...
...	45·137	+54·185	− 5	...	...
...	45·230	+ 8·606	− 5	...	...
...	45·433	− 4·867	− 3	...	...
...	45·637	+13·889	− 5	...	...
1671					
...	+45·746	+58·104	− 4	...	...
...	45·784	−57·519	− 5	...	...
*	46·210	+44·422	1·25	...	...
...	46·246	−10·507	− 4	...	...
...	46·467	−27·923	− 5	...	...
...	+46·572	+46·927	− 5	...	...
...	47·234	−15·459	− 5	e	...
...	47·322	+45·942	− 4	...	...
...	47·455	+ 1·291	− 5	m	...
*	47·480	+57·237	1·90	44.8068	9·4

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
1681–1740					
1681				°	
...	+47·786	−43·751	− 5	...	...
...	47·825	+25·539	− 5	...	...
...	47·887	+58·971	− 5	...	...
...	47·892	− 9·749	− 5	...	...
...	47·921	− 1·132	− 5	e	...
...	+47·925	−15·864	− 2	...	...
...	48·302	+15·685	− 5	...	...
...	48·703	−41·068	− 5	...	...
...	48·728	+18·356	− 5	...	...
...	48·771	+ 8·363	− 5	...	...
1691					
†	+49·010	+49·800	− 5	...	...
...	49·099	+32·430	− 5	...	...
*	49·195	+23·784	1·00	45.8173	9·4
...	49·240	+54·592	− 5	...	...
...	49·248	+18·155	− 5	...	...
...	+49·291	−10·887	− 4	...	...
*	49·337	+24·381	1·00	45.8174	9·6
...	49·343	+57·671	− 1	...	...
...	49·421	−20·981	− 3	...	...
...	49·642	+13·006	− 1	...	...
1701					
...	+49·687	−33·221	− 5	...	...
...	50·035	−17·649	0·70	...	...
...	50·058	− 4·239	− 3	...	...
...	50·157	+ 1·978	− 5	...	...
...	50·203	+20·257	− 1	...	...
...	+50·519	+53·679	− 5	...	...
...	50·593	− 5·695	0·75	...	...
...	50·603	+12·102	− 5	...	...
*	50·709	+42·042	2·40	45.8175	8·4
...	50·861	+22·614	− 1	...	...
1711					
...	+50·883	− 2·943	− 3	...	...
...	50·947	+25·395	− 5	...	...
...	50·971	− 1·901	− 2	...	...
...	51·247	+32·387	− 5	...	...
...	51·335	+ 7·897	− 4	...	...
...	+51·442	−35·191	− 3	...	...
...	51·926	+18·715	− 5	...	...
...	52·087	+33·357	− 4	...	...
...	52·128	+ 8·452	− 4	...	...
...	52·333	−48·777	− 4	...	...
1721					
*	+52·490	−17·416	1·20	46.8270	9·5
...	52·592	−20·249	− 5	e	...
*	52·684	−47·194	1·30	46.8271	9·3
...	52·847	+19·194	0·90	...	...
*	52·896	−46·098	1·20	46.8273	9·4
*	+52·901	+13·561	1·50	45.8176	9·0
...	52·978	− 5·140	− 4	...	...
*	53·005	−22·662	1·20	46.8272	9·5
*	53·198	+ 5·815	1·40	45.8177	9·2
...	53·295	+51·279	− 4	...	...
1731					
...	+53·654	− 0·167	− 5	e	...
...	53·715	−38·065	− 3	...	...
...	53·764	+20·648	0·85	...	...
...	53·906	− 0·555	− 5	e	...
...	53·981	−47·851	− 4	...	...
...	+54·028	− 3·554	− 4	...	...
...	54·217	+11·365	− 5	...	...
†	54·539	+43·960	− 5	...	...
...	54·841	− 6·233	− 4	...	...
...	54·847	+ 8·178	− 2	...	...

1563, 1564. C.P.D., possibly mass.
1595, 1597. C.P.D., suspected double.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
1741–1750					
1741					
...	+54·922	− 5·393	1·00	46.8274	9·6
...	55·276	+12·155	− 5	...	...
...	55·404	+24·270	− 5	*e*	...
...	55·608	−12·858	− 2	...	...
*	55·816	+ 1·011	1·05	45.8178	9·6
...	+56·059	−53·398	− 5	*e*	...
...	56·622	−12·029	− 2	...	...
...	57·005	+ 3·071	− 3	...	...
...	57·099	−21·996	− 2	...	...
*	57·285	+36·717	1·10	45.8179	9·4
1751–1760					
1751					
...	+57·370	+24·143	− 5	...	...
...	57·451	+31·301	− 4	...	...
...	57·760	+52·343	− 5	...	...
...	57·786	+34·610	− 4	...	...
*	57·786	+ 7·099	1·25	45.8180	9·2
*	+57·984	+58·760	1·05	44.8076	9·4
...	58·092	+56·091	− 4	...	...
...	58·273	+29·503	− 4	...	...
*	58·430	−10·780	1·00	46.8275	9·5
...	58·565	+52·093	1·00	...	...
1761–1763					
1761					
S *	+58·653	−24·218	1·60	46.8276	8·9
...	58·789	+44·359	− 5	...	...
...	58·833	−21·606	− 1	...	...

1–40					
1					
...	−60·170	− 2·886	− 5	M	...
†	59·916	+ 0·104	− 3	...	...
...	59·670	−32·971	− 5	E	...
*	59·396	+44·217	1·20	...	...
...	59·272	+ 8·386	− 4	...	...
...	−59·187	+ 0·581	− 5	E	...
...	59·113	+46·727	− 5	...	...
...	59·028	+13·675	− 5	...	...
...	58·943	+35·887	− 5	...	...
...	58·723	+21·004	− 5	...	...
11					
...	−58·704	−46·470	− 4	...	...
...	58·643	− 5·074	− 4	...	...
*	58·636	−15·945	1·00	...	...
...	58·599	−58·541	− 5	...	...
*	58·534	+57·065	1·20	44.8068	9·4
...	−58·347	+45·769	− 2	...	...
...	58·243	−27·861	− 5	M	...
...	58·229	−40·065	− 2	...	...
...	58·042	+32·430	− 5	...	...
...	57·646	−10·684	− 4	...	...
21					
...	−57·192	+25·393	− 5	...	...
...	56·895	−28·083	− 5	...	...
...	56·791	+49·666	− 5	...	...
...	56·690	+57·554	− 1	...	...
...	56·688	+54·468	− 5	...	...
...	−56·622	−57·685	− 5	...	...
...	56·502	−15·606	− 4	E	...
...	56·418	+15·553	− 5	...	...
...	56·263	− 1·262	− 5	E	...
...	56·156	+32·322	− 5	...	...
31					
...	−56·069	+18·239	− 4	...	...
†	56·033	− 9·883	− 5	...	...
...	55·815	−15·989	− 3	...	...
*	55·766	+23·674	1·10	45.8173	9·4
...	55·724	+ 8·257	− 3	...	...
*	−55·664	+24·277	1·05	45.8174	9·6
...	55·560	+18·075	− 5	...	...
...	55·400	+53·608	− 5	...	...
...	55·083	−43·857	− 4	...	...
...	54·996	+12·925	− 4	...	...
41–80					
41					
...	−54·839	+ 1·812	− 5	M	...
*	54·829	+41·974	2·70	45.8175	8·4
...	54·655	+20·184	− 2	...	...
...	54·606	−10·961	− 4	...	...
...	54·244	−41·148	− 4	...	...
...	−54·152	−21·045	− 3	...	...
...	54·123	+ 1·917	− 4	...	...
...	54·076	+25·348	− 5	...	...
...	54·073	+22·563	− 2	...	...
...	54·036	− 4·295	− 2	...	...
51					
...	−54·022	+12·042	− 5	...	...
...	53·995	+32·344	− 5	...	...
...	53·636	−17·699	0·90	...	...
...	53·496	−33·272	− 5	...	...
...	53·441	− 5·739	− 1	...	...
...	−53·255	− 2·985	− 4	...	...
...	53·208	−30·583	− 5	M	...
...	53·198	− 1·939	− 3	...	...
...	53·185	+33·338	− 3	...	...
...	53·138	+ 7·865	− 3	...	...
61					
...	−53·005	−51·315	− 5	...	...
...	52·893	+18·699	− 5	...	...
...	52·540	+51·295	− 4	...	...
...	52·363	+ 8·444	− 4	...	...
...	52·356	−13·297	− 5	M	...
...	−51·989	+19·207	1·00	...	...
*	51·751	+13·574	1·50	45.8176	9·0
...	51·688	−35·193	− 4	...	...
*	51·216	+ 5·847	1·30	45.8177	9·2
...	51·213	−33·814	− 5	M	...
71					
*	−51·194	−17·397	1·05	46.8270	9·5
...	51·116	+20·690	0·90	...	...
...	51·093	− 5·112	− 3	...	...
...	51·072	+43·997	− 5	...	...
...	50·989	−20·216	− 5	E	...
...	−50·564	− 0·130	− 4	E	...
*	50·520	−22·621	1·05	46.8272	9·5
...	50·430	+53·731	− 5	...	...
†	50·370	−48·748	− 4	...	...
...	50·365	+11·425	− 5	...	...
81–120					
81					
†	−50·311	− 0·497	− 5	E	...
...	50·106	− 3·486	− 4	...	...
*	50·082	−47·147	1·40	46.8271	9·3
*	49·896	−46·034	1·40	46.8273	9·4
...	49·635	+ 8·258	0·70	...	...
...	−49·596	+24·361	− 4	E	...
...	49·352	+12·256	− 3	...	...
...	49·334	−37·982	− 3	...	...
...	49·192	− 6·149	− 4	...	...
*	49·141	− 5·308	1·00	46.8274	9·6
91					
...	−48·755	−47·755	− 3	...	...
...	48·501	+ 6·879	− 5	M	...
*	48·451	+ 1·131	1·20	45.8178	9·6
...	48·232	−12·744	0·90	...	...
...	48·184	−59·498	− 5	...	...
...	−48·129	+47·172	− 5	...	...
...	48·124	+18·571	− 5	M	...
...	48·109	+52·505	− 1	...	...
*	48·091	+36·857	1·40	45.8179	9·4
*	48·087	+58·926	1·35	44.8076	9·4
101					
...	−47·909	+56·257	0·85	...	...
...	47·902	+48·216	− 5	...	...
...	47·764	+31·452	− 1	...	...
...	47·622	+24·293	− 4	...	...
...	47·555	−19·053	− 5	M	...
...	−47·540	+34·759	− 2	...	...
...	47·328	+ 3·226	0·70	...	...
*	47·303	+52·273	1·20	...	...
...	47·233	−11·877	0·80	...	...
...	46·875	+29·682	0·65	...	...
111					
...	−46·843	+44·528	− 3	...	...
...	46·800	+21·768	− 5	...	...
*	46·660	+ 7·286	1·20	45.8180	9·2
...	46·515	−53·240	− 5	E	...
...	46·445	−21·827	0·80	...	...
...	−45·872	+39·364	0·80	...	...
*	45·470	−10·574	1·20	46.8275	9·5
...	45·044	+49·218	− 4	...	...
S *	44·830	−23·998	1·60	46.8276	8·9
...	44·741	+35·161	− 1	...	...

L measured from 1, 157, 348, 556, 760, 958.
C „ „ 82, 247, 447, 664, 861, 1044.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
121-180					
121					
...	−44·729	−21·371	0·75	...	...
...	44·474	− 3·782	− 5	M	...
...	44·388	+21·289	0·65	...	...
*	44·351	+46·680	1·60	45.8181	9·0
...	44·338	+31·021	− 5	...	...
...	−44·056	− 6·808	0·85	...	...
...	43·738	+51·462	0·70	...	...
...	43·618	+ 2·256	− 1	...	...
...	43·538	+ 3·933	− 2	...	...
...	43·516	+25·591	0·65	...	...
131					
...	−43·095	− 3·236	− 5	M	...
*	43·071	+ 3·711	1·00	...	...
...	43·041	+30·652	0·65	...	...
...	42·879	+25·547	− 1	...	...
...	42·743	+ 7·614	− 5	...	...
...	−42·350	+43·482	− 4	...	...
...	42·293	+47·202	− 5	M	...
...	42·156	−36·128	− 5	M	...
...	41·950	+19·454	0·75	...	...
...	41·885	−35·280	− 5	M	...
141					
...	−41·813	−43·293	− 4	...	...
...	41·757	+21·667	0·80	...	...
...	41·719	+50·208	0·75	...	...
...	41·521	+44·349	− 4	...	...
...	41·480	−21·878	− 1	...	...
...	−41·468	−31·859	− 4	...	...
...	41·272	−16·847	− 4	...	...
...	41·257	+58·713	− 5	...	...
...	41·235	−38·346	− 3	...	...
...	41·203	+36·345	0·70	...	...
151					
S *	−41·049	+42·196	2·90	45.8182	8·2
...	40·857	+ 6·082	− 3	...	...
*	40·741	+29·118	1·00	...	...
...	40·635	−20·383	− 5	M	...
...	40·546	+30·057	− 3	...	...
...	−40·373	+45·416	0·80	...	...
†	40·237	− 2·208	0·75	...	...
...	40·033	−11·992	0·85	...	...
...	39·984	+ 3·368	− 5	M	...
...	39·911	+ 4·002	− 5	M	...
161					
...	−39·862	− 3·897	− 5	M	...
*	39·783	− 9·984	1·80	46.8277	9·0
...	39·781	+52·989	− 5	...	...
...	39·746	+40·506	− 5	...	...
...	39·419	+ 7·929	0·70	...	...
...	−39·341	− 0·037	− 5	M	...
...	39·126	+18·615	− 5	...	...
...	38·962	−29·386	− 3	...	...
...	38·825	+33·173	− 5	...	...
*	38·805	− 6·042	1·05	...	...
171					
*	−38·632	−42·479	1·40	46.8278	9·0
...	38·493	+ 4·803	0·70	...	...
...	38·215	+16·012	− 5	M	...
...	38·110	+ 5·326	0·80	...	...
*	37·962	+ 4·488	1·10	45.8183	9·5
...	−37·939	−29·385	0·65	...	...
*	37·883	+31·059	1·00	45.8184	9·6
...	37·708	−14·544	− 4	...	...
...	37·639	+32·584	− 5	...	...
*	37·499	−33·934	1·00	46.8279	9·6

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
181-240					
181					
...	−37·311	− 5·326	− 4	M	...
*	37·048	+31·929	1·05	45.8185	9·6
...	36·738	− 9·497	− 5	M	...
†	36·669	+ 5·018	− 3	...	...
*	36·235	+57·006	1·05	45.8188	9·6
...	−36·136	+51·512	− 1	...	...
...	36·135	− 3·920	− 5	M	...
...	36·055	+ 7·229	0·70	...	...
...	36·034	−27·243	− 4	...	...
...	36·014	+34·877	− 5	...	...
191					
...	−35·728	+16·384	0·65	...	...
...	35·716	+13·790	− 3	...	...
*	35·686	+13·531	1·00	45.8187	9·6
S *	35·622	+ 8·928	2·20	45.8186	8·4
...	35·607	−12·227	0·75	...	...
*	−35·556	+26·522	1·05	45.8189	9·3
...	35·543	−10·429	− 5	...	...
‡	35·529	−44·772	2·60	46.8280	8·0
*	35·301	+53·293	1·50	45.8190	9·3
S ‡	35·239	−45·197	3·00	46.8281	7·8
201					
...	−35·090	+49·214	− 4	...	...
...	35·085	+29·741	− 5	...	...
...	35·080	−17·759	− 5	M	...
...	34·803	+35·631	− 4	...	...
*	34·721	− 4·516	1·05	46.8282	9·6
...	−34·685	+ 1·918	− 3	...	...
...	34·454	+26·684	− 5	M	...
...	34·421	+40·353	− 5	...	...
...	34·383	−32·590	− 4	A	...
...	34·169	+53·541	− 1	...	...
211					
...	−33·882	−41·598	− 2	...	...
...	33·816	+ 4·205	− 4	...	...
...	33·812	+ 1·251	− 5	M	...
...	33·664	−32·044	− 5	M	...
...	33·613	−44·227	− 3	...	...
*	−33·553	−19·457	1·40	46.8284	9·0
*	33·550	+ 5·612	2·10	45.8191	8·6
...	33·430	+49·625	− 5	...	...
*	33·378	−35·916	1·10	46.8283	9·6
†	33·370	−44·720	− 1	...	...
221					
...	−33·328	− 1·231	− 4	...	...
...	33·241	− 2·719	− 3	...	...
...	33·178	− 6·274	− 5	M	...
*	33·150	−25·774	1·05	46.8285	9·6
*	33·074	+59·016	1·05	...	...
... [	−33·006	−29·145	0·95	...	...
... [	32·982	−29·208	− 3	...	...
...	32·990	+24·494	− 4	...	...
...	32·828	− 0·937	− 2	...	...
...	32·703	+53·702	− 3	...	...
231					
*	−32·649	+26·182	0·90	...	...
...	32·500	−14·178	− 4	...	...
...	32·498	− 5·370	− 5	M	...
...	32·427	− 5·301	− 4	...	...
...	32·340	+ 8·098	− 4	...	...
...	−32·325	−39·125	− 4	...	...
...	31·812	+55·520	− 5	...	...
...	31·399	+21·047	− 4	...	...
...	30·983	−13·339	− 3	...	...
...	30·879	+32·820	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
241-300					
241					
*	−30·875	+24·642	1·40	45.8192	9·2
...	30·776	−30·731	− 1	...	...
...	30·700	+56·050	− 5	...	...
*	30·673	+13·341	0·95	...	...
...	30·621	+37·944	− 4	...	...
†	−30·383	−12·619	− 5	...	...
...	30·288	−24·534	− 2	...	...
*	30·169	−25·422	1·00	...	...
...	30·068	−16·233	− 5	M	...
*	29·900	− 9·521	1·05	46.8286	9·6
251					
...	−29·875	−44·378	− 5	M	...
*	29·738	+ 6·921	1·35	45.8193	9·3
...	29·372	+ 7·975	− 4	A	...
...	29·302	+31·438	− 3	...	...
*	29·280	+ 9·353	1·20	45.8194	9·6
...	−28·989	+13·359	− 1	...	...
...	28·935	+ 8·188	− 5	M	...
...	28·891	+42·853	− 2	...	...
*	28·675	+26·642	1·20	45.8195	9·6
...	28·202	+21·963	− 5	M	...
261					
*	−28·051	−22·681	1·70	46.8287	8·9
...	28·049	+12·438	− 4	...	...
...	28·026	−21·668	− 2	...	...
...	27·642	+ 6·589	− 5	M	...
...	27·641	+17·339	0·80	...	...
...	−27·525	+ 9·475	− 4	...	...
...	27·463	−42·946	− 4	...	...
*	27·412	+25·439	1·05	45.8196	9·6
... [	27·361	+38·030	− 2	...	...
... [	27·356	+37·970	− 5	...	...
271					
...	−27·269	+45·922	− 4	...	...
*	27·136	+ 4·416	1·60	45.8197	9·2
N	27·097	+54·569	0·85	...	...
...	26·795	+39·834	− 5	...	...
...	26·774	+55·796	− 5	M	...
...	−26·742	−26·622	0·90	...	...
*	26·729	+ 4·327	1·40	45.8198	9·2
...	26·720	+14·382	− 3	...	...
*	26·613	−21·182	0·95	...	...
...	26·588	−42·553	− 5	M	...
281					
...	−26·431	−28·462	− 4	A	...
...	26·179	+17·645	0·80	...	...
...	26·178	+25·477	− 2	...	...
...	26·114	+16·542	− 5	M	...
*	26·007	+30·574	1·15	45.8199	9·6
...	−25·831	−41·673	− 1	...	...
...	25·818	+51·452	− 5	...	...
...	25·746	+16·791	− 5	M	...
...	25·671	−40·811	0·70	...	...
...	25·395	+42·383	− 5	...	...
291					
...	−25·250	+52·689	− 4	...	...
...	25·196	+ 9·887	− 4	...	...
...	25·126	−14·237	0·70	...	...
...	25·031	−59·087	− 5	M	...
*	24·882	+40·316	2·30	45.8200	8·4
...	−24·867	+43·855	− 4	...	...
...	24·691	−56·799	− 1	...	...
†	24·626	+34·997	− 5	...	...
...	24·600	−41·033	− 3	...	...
...	24·562	+50·003	− 3	...	...

273. Brighter of double. 45°101, two stars.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
301–360					
301					
...	−24·339	− 8·342	− 5	M	...
...	24·335	−53·489	− 1	...	...
...	24·019	−41·948	− 5	...	...
*	24·006	−35·215	1·40	46.8289	9·0
...	23·954	+47·213	− 5	...	...
...	−23·860	−32·489	− 5	...	...
...	23·815	−17·182	− 4	...	...
...	23·641	−27·352	− 5	M	...
...	23·538	+18·010	0·70	...	...
...	23·478	+55·317	− 3	...	...
311					
...	−23·360	−20·126	− 4	...	...
*	23·344	−37·149	1·50	46.8290	8·9
...	23·274	−32·947	− 3	...	...
*	23·234	+59·517	1·20	44.8102	9·6
...	23·168	+ 2·521	− 4	M	...
...	−23·132	−59·345	− 3	...	...
...	22·990	+54·622	− 4	...	...
...	22·987	−26·736	0·80	...	...
...	22·910	+55·286	− 4	...	...
...	22·768	−39·215	0·70	...	...
321					
...	−22·710	+54·202	0·80	...	...
...	22·610	−29·420	− 2	...	...
...	22·459	+44·389	− 4	...	...
...	22·440	+ 6·277	− 4	M	...
...	22·423	−16·948	0·85	...	...
...	−22·296	+ 8·517	− 5	M	...
*	22·247	+14·131	1·20	45.8201	9·5
...	22·174	+53·537	− 3	...	...
...	22·131	+ 2·127	− 3	...	...
...	22·053	−59·705	0·70	...	...
331					
...	−21·696	− 5·020	0·90	...	...
...	21·680	+31·528	0·70	...	...
...	21·634	+47·133	− 2	...	...
...	21·596	+10·456	− 3	...	...
*	21·412	−34·145	2·20	46.8291	8·2
...	−21·238	−15·482	0·70	...	...
...	21·237	+12·218	− 1	...	...
...	21·195	+ 5·568	− 3	...	...
...	21·151	+18·760	0·70	...	...
...	20·991	+28·537	− 5	...	...
341					
...	−20·988	+35·539	− 1	...	...
...	20·868	−11·448	1·00	...	...
...	20·800	−42·912	− 4	...	...
...	20·728	+47·149	− 5	...	...
*	20·568	−23·041	0·95	...	...
*	−20·526	+24·529	1·20	45.8202	9·6
†	20·421	−11·742	0·70	...	...
‡	20·334	−40·583	1·00	46.8292	9·6
...	20·220	+45·190	− 5	...	...
...	19·815	−43·095	− 5	...	...
351					
...	−19·684	+14·800	− 3	...	...
*	19·601	−25·104	0·90	...	...
...	19·571	+38·783	− 4	...	...
N *	19·433	+47·454	1·15	...	...
...	19·379	− 1·855	0·80	...	...
...	−19·335	+59·347	− 2	...	...
...	19·229	+46·847	− 5	...	...
...	19·216	+13·534	− 5	M	...
...	19·194	−29·533	− 5	M	...
...	19·162	+45·632	− 3	...	...
361–420					
361					
...	−19·095	−23·546	− 3	...	...
...	19·005	−21·249	− 2	...	...
*	18·994	−27·937	1·00	46.8293	9·6
...	18·838	+52·420	− 5	...	...
...	18·780	+36·543	− 1	...	...
...	−18·724	+53·479	− 4	...	...
...	18·662	+ 2·283	0·70	...	...
...	18·661	+21·099	0·85	...	...
...	18·658	+47·761	− 5	...	...
...	18·588	+29·149	− 5	M	...
371					
...	−18·509	+53·749	− 4	...	...
S ‡	18·495	+49·773	2·30	45.8203	8·0
...	18·417	−55·521	− 3	...	...
*	18·248	−49·511	1·00	46.8294	9·6
...	18·162	−29·419	− 5	...	...
...	−17·906	+32·193	− 3	...	...
...	17·854	− 5·325	− 5	M	...
*	17·799	− 0·407	1·00	...	...
...	17·757	+38·581	− 5	...	...
*	17·729	−50·515	1·05	46.8295	9·6
381					
*	−17·646	−13·261	1·20	46.8296	9·2
...	17·599	−58·719	− 3	...	...
...	17·474	+33·139	− 4	...	...
...	17·396	+48·802	− 3	...	...
...	17·246	−29·962	− 4	...	...
...	−17·052	−16·483	− 5	M	...
...	16·942	+39·090	− 5	...	...
...	16·774	−53·448	− 4	...	...
*	16·602	−14·084	1·00	46.8297	9·6
...	16·581	+50·137	− 4	...	...
391					
...	−16·566	+18·778	− 5	...	...
...	16·310	+58·839	− 3	...	...
...	16·226	−14·410	− 5	M	...
...	16·221	− 9·383	− 4	...	...
*	16·190	− 5·203	0·95	...	...
...	−16·134	+46·580	− 5	...	...
...	16·130	+55·118	− 2	...	...
...	16·117	−26·052	0·85	...	...
...	16·071	+19·345	− 5	M	...
...	15·879	+22·796	− 4	...	...
401					
...	−15·856	+33·319	− 5	M	...
...	15·843	+23·699	− 5	...	...
...	15·622	+16·612	− 5	...	...
†	15·433	−40·472	1·00	...	...
*	15·310	−37·359	0·95	...	...
...	−15·246	+21·230	− 5	...	...
...	15·003	−31·988	− 3	...	...
*	14·921	+35·534	1·00	...	...
...	14·864	+24·520	− 3	...	...
...	14·729	+33·314	− 5	...	...
411					
...	−14·630	+42·772	1·00	...	...
...	14·516	+57·006	− 5	...	...
...	14·067	−50·734	− 4	...	...
...	13·938	+48·355	− 4	M	...
...	13·762	− 5·138	− 3	...	...
...	−13·660	−30·315	− 5	M	...
...	13·476	+36·245	− 4	...	...
...	13·305	+25·259	0·80	...	...
...	13·022	+40·261	− 5	...	...
...	13·006	−58·360	− 5	...	...
421–480					
421					
*	−12·943	+27·161	1·50	45.8204	9·0
...	12·850	−32·061	− 4	...	...
...	12·814	+37·060	− 4	...	...
...	12·742	−53·910	− 4	...	...
*	12·727	−54·615	1·05	...	...
...	−12·679	−23·299	− 5	...	...
*	12·657	+ 0·538	1·00	α	...
...	12·497	−31·623	− 5	M	...
...	12·166	+46·707	− 5	...	...
...	11·901	+24·576	− 3	...	...
431					
...	−11·831	−17·940	− 5	M	...
*	11·829	−41·253	3·10	46.8299	7·4
...	11·542	−31·967	− 3	...	...
...	11·539	+37·126	− 4	...	...
...	11·487	+16·603	0·70	...	...
‡	−11·353	−24·945	1·30	46.8300	9·5
*	11·158	+ 6·719	2·00	45.8205	8·6
...	11·091	+43·713	− 5	M	...
...	11·035	+50·266	− 5	...	...
...	11·018	−42·918	− 5	...	...
441					
...	−10·952	−56·523	− 5	M	...
...	10·837	−10·419	− 4	...	...
...	10·822	− 7·046	− 3	...	...
...	10·690	+48·884	− 4	...	...
...	10·525	+41·199	− 4	...	...
†	−10·502	−34·345	− 3	...	...
...	9·967	+27·217	− 3	...	...
*	9·930	+ 0·303	1·00	α	...
N	9·852	− 3·646	0·95	...	...
...	9·830	+52·065	1·00		
451				45.8206	9·6
...	− 9·773	+52·106	0·85		
N	9·813	− 3·559	− 3	...	...
...	9·805	− 1·641	− 3	...	...
*	9·660	+53·828	1·25	45.8207	9·6
...	9·639	+ 1·102	− 4	A	...
*	− 9·535	+58·620	1·10	...	...
...	9·461	+52·873	− 5	...	...
*	9·344	−31·052	1·30	46.8301	9·2
*	9·136	−48·666	1·00	...	...
...	9·094	+49·729	− 3	...	...
461					
...	− 8·790	−30·843	− 4	B	...
†	8·738	−34·878	− 5	...	...
...	8·602	−56·352	− 5	...	...
...	8·455	+53·193	− 5	...	...
...	8·237	−26·006	− 5	M	...
...	− 8·215	+ 3·744	− 5	M	...
...	8·184	+25·940	− 3	...	...
...	8·167	−31·369	− 4	...	...
...	8·091	−16·740	− 3	...	...
...	8·055	−18·513	0·70	...	...
471					
*	− 8·048	+45·717	1·20	...	...
...	8·032	+39·571	− 4	...	...
...	8·002	+ 2·449	− 2	*m*	...
*	7·987	+20·835	1·10	45.8208	9·6
...	7·946	+40·226	− 4	...	...
...	− 7·868	−12·656	− 5	M *m*	...
...	7·760	−28·617	− 5	M	...
...	7·678	−47·374	− 5	M	...
*	7·567	+21·173	1·00	...	...
S *	7·463	− 7·226	2·60	46.8302	8·0

354. Mass. 45° 101, two stars.
449, 452. 47° 101, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
481–540					
481					
...	− 7′438	−42′743	− 5	...	...
...	7·405	+42·333	0·70	...	...
...	7·261	−47·025	− 4	...	...
...	7·215	− 1·726	− 4	Mm	...
...	7·076	−37·796	− 5	M	...
...	− 7·051	+27·637	− 5	Mm	...
...	7·028	− 1·896	− 5	Mm	...
...	7·022	+50·322	− 5	...	...
*	6·963	−51·494	2·30	46.8303	8·4
...	6·656	+38·407	− 3	...	...
491					
‡	− 6·459	+25·029	1·40	45.8209	9·0
...	6·449	+45·652	− 5	Mm	...
...	6·423	+27·845	− 3	...	...
...	6·265	+52·789	− 5	...	...
...	6·216	−29·685	0·90	...	...
...	− 6·157	− 3·428	− 5	Mm	...
...	5·981	+34·191	− 4	...	...
...	5·934	+45·884	− 4	...	...
...	5·717	− 8·208	− 5	Mm	...
...	5·678	−31·592	1·00	...	...
501					
...	− 5·632	+58·425	− 4	...	...
...	5·569	+17·649	− 5	Mm	...
...	5·546	+48·066	− 5	Mm	...
...	5·308	+46·923	0·90	...	...
...	5·215	−54·354	− 3	...	...
...	− 5·208	+21·332	− 4	...	...
...	5·148	+51·909	− 5	Mm	...
‡	4·793	−24·944	1·00	46.8304	9·6
...	4·670	+37·382	− 3	...	...
...	4·590	+ 3·031	− 2	...	...
511					
...	− 4·445	+20·243	− 4	...	...
‡	4·305	+24·975	1·10	45.8210	9·6
...	4·267	+15·861	− 5	Mm	...
...	4·257	+55·409	− 5	...	...
...	3·980	+59·053	− 5	...	...
...	− 3·840	−13·363	− 3	...	...
...	3·727	+20·198	− 3	...	...
*	3·705	+37·067	1·00	...	...
...	3·679	+53·429	− 3	...	...
...	3·646	+23·678	− 4	...	...
521					
...	− 3·618	+45·067	− 4	...	...
...	3·304	+56·749	− 1	...	...
...	3·123	+24·441	− 3	...	...
...	2·978	−24·995	− 3	...	...
...	2·966	+19·239	− 3	...	...
...	− 2·833	+39·208	− 4	...	...
...	2·824	−21·774	− 4	M	...
*	2·762	+ 0·957	2·60	45.8211	8·4
...	2·760	+31·634	− 5	Mm	...
...	2·724	−29·717	− 5	M	...
531					
...	− 2·565	+ 9·584	− 5	Mm	...
*	2·491	−38·207	1·00	46.8305	9·6
...	2·382	+ 4·216	− 5	Mm	...
*	2·311	+40·415	1·00	45.8212	9·6
...	2·251	−23·683	− 5	M	...
...	− 2·178	+33·055	0·70	...	...
...	1·977	+13·116	0·75	...	...
...	1·894	−58·521	− 5	M	...
...	1·743	+ 9·802	− 4	Mm	...
*	1·661	+40·527	1·20	45.8213	9·6

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
541–600					
541					
...	− 1′654	−24′546	− 2	...	...
*	1·571	−43·567	1·40	46.8306	9·0
*	1·546	−17·082	1·10	46.8307	9·6
...	1·290	+32·130	0·85	...	...
...	1·228	+59·340	− 5	...	...
*	− 1·220	+16·971	1·40	45.8214	9·0
*	1·197	−27·938	1·35	46.8308	9·0
...	1·121	+26·767	− 5	*m*	...
...	0·912	−50·579	− 3	...	...
...	0·897	+37·712	− 5	M	...
551					
...	− 0·651	+43·547	− 5	...	...
...	0·587	−43·729	− 1	...	...
...	0·581	−20·043	0·80	...	...
...	0·497	+ 5·766	− 4	Mm	...
†	0·482	+35·005	0·65	...	...
...	− 0·105	+46·239	0·90	...	...
...	− 0·076	+37·992	− 2	...	...
...	+ 0·003	+11·824	− 4	Mm	...
...	0·051	+17·187	− 2	...	...
...	0·200	−59·000	− 3	...	...
561					
...	+ 0·237	+33·111	− 5	...	...
S *	0·237	+17·588	2·00	45.8215	8·6
...	0·237	+15·145	− 5	Mm	...
*	0·238	−56·556	1·00	46.8309	9·6
...	0·588	−32·536	− 4	...	...
...	+ 0·754	−42·484	− 5	...	...
...	0·849	− 2·945	− 4	M	...
...	0·901	+ 0·281	− 5	Mm	...
...	0·954	−53·958	− 5	...	...
...	1·024	−58·780	− 4	...	...
571					
*	+ 1·063	+56·568	2·20	45.8216	8·4
...	1·472	−54·592	− 3	...	...
...	1·498	−33·508	− 5	...	...
...	1·565	−44·147	− 3	...	...
...	1·595	+ 3·301	− 5	Mm	...
*	+ 1·628	+34·158	1·00	45.8217	9·6
...	1·690	+18·513	− 5	Mm	...
...	1·733	+16·603	− 5	Mm	...
...	1·748	+46·260	− 5	M	...
...	1·830	+11·905	− 3	...	...
581					
...	+ 1·936	+26·691	− 4	...	...
*	1·960	−59·521	1·20	46.8310	9·6
*	2·005	+12·132	0·95	...	...
...	2·025	−34·675	− 5	M	...
†	2·157	+ 0·010	− 4	F*f*	...
*	+ 2·596	+14·880	1·00	...	...
*	2·603	−32·389	1·10	46.8311	9·5
...	2·696	+53·060	− 5	...	...
...	2·739	+ 4·217	− 2	...	...
...	2·852	+23·145	− 5	Mm	...
591					
...	+ 3·217	+30·688	0·90	...	...
...	3·267	−22·414	− 5	M	...
...	3·368	+24·806	− 5	Mm	...
‡	3·371	+14·940	0·90	...	...
...	3·457	− 0·300	− 5	Mm	...
...	+ 3·558	+26·536	− 3	...	...
*	3·602	−45·968	1·00	...	...
...	3·656	+18·019	− 5	Mm	...
*	3·742	−26·545	1·00	...	...
*	3·765	+10·667	1·10	45.8218	9·5

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
601–660					
601					
...	+ 4′035	−13′354	− 3	...	...
*	4·048	+ 9·045	1·00	45.8220	9·6
*	4·059	+11·806	2·20	45.8219	8·4
*	4·123	− 1·222	1·10	45.8221	9·4
...	+ 4·139	−56·851	− 5	...	...
...	4·159	+10·210	− 4	Mm	...
...	4·188	−21·236	− 2	...	...
...	4·206	− 3·920	0·90	...	...
*	4·276	+48·615	2·10	45.8222	8·6
...	4·413	+57·091	− 4	...	...
611					
†	+ 4·518	+10·592	− 5	M	...
‡	4·610	+25·952	1·00	45.8223	9·6
...	4·996	+ 7·489	− 5	Mm	...
...	5·133	−32·898	0·70	...	...
...	5·307	+38·715	− 5	Mm	...
S *	+ 5·359	−55·947	2·30	46.8312	8·0
...	5·485	−10·487	− 2	...	...
*	5·695	+28·581	1·05	45.8224	9·3
...	5·725	+10·484	− 5	M	...
...	5·763	+57·655	− 2	...	...
621					
...	+ 5·871	+13·430	0·90	...	...
...	6·113	+12·809	0·70	...	...
...	6·162	+20·680	− 5	Mm	...
...	6·296	+ 8·415	− 5	Mm	...
*	6·342	+13·296	2·10	45.8225	8·8
*	+ 6·393	−51·137	1·00	46.8313	9·6
...	6·461	+ 1·478	− 5	Mm	...
...	6·516	+55·950	− 5	...	...
*	6·552	−33·074	1·00	46.8314	9·4
...	6·721	−31·686	0·90	...	...
631					
*	+ 6·745	+12·882	1·00	45.8226	9·6
...	6·780	+38·723	− 3	...	...
...	6·841	+14·301	0·90	...	...
...	7·026	+13·987	− 5	Mm	...
...	7·030	+50·917	− 5	...	...
*	+ 7·108	−26·025	1·00	...	...
...	7·203	+15·663	− 4	...	...
...	7·238	+14·155	0·70	...	...
...	7·332	+13·854	− 4	*a*	...
...	7·420	+12·986	− 2	...	...
641					
...	+ 7·470	+13·669	− 4	...	...
...	7·470	+ 8·408	− 5	*m*	...
...	7·521	−30·925	− 5	M	...
...	7·557	+13·793	− 4	...	...
...	7·614	+ 9·855	0·65	...	...
...	+ 7·914	−48·712	− 4	...	...
*	7·930	+34·765	1·00	...	...
...	8·027	+15·798	0·90	...	...
...	8·249	−11·800	− 5	...	...
*	8·393	+10·480	3.00	45.8227	7·8
651					
...	+ 8·444	− 1·020	− 4	...	...
...	8·481	+21·483	0·90	...	...
...	8·595	+35·592	− 5	*m*	...
...	8·605	+28·407	− 5	...	...
*	8·685	−14·566	1·05	46.8315	9·5
...	+ 8·947	+18·848	− 4	...	...
....	8·949	+ 1·859	0·65	...	...
...	8·978	+19·427	− 5	*m*	...
...	9·054	+15·340	− 5	*m*	...
...	9·072	−28·756	0·70	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
661-720					
661	′	′		°	
*	+ 9·123	+24·321	0·95	...	...
...	9·285	− 2·003	− 5	...	...
...	9·331	+14·444	− 4	...	...
‡	9·619	+25·524	1·60	45.8228	8·9
...	9·957	+54·722	− 4	...	...
...	+ 9·976	+49·652	− 5	...	...
...	10·144	+ 4·219	− 3	...	...
*	10·158	+36·427	2·00	45.8229	8·7
...	10·201	−55·346	− 3	...	...
...	10·225	−27·020	− 5	...	...
671					
...	+10·287	+21·392	− 5	...	...
...	10·411	+13·708	0·70	...	...
...	10·489	−10·988	− 1	...	...
...	10·595	+26·486	0·65	...	...
...	10·862	− 6·246	− 4	...	...
†	+11·035	+39·963	− 4	...	...
...	11·127	+50·659	− 4	...	...
...	11·171	+24·136	− 3	...	...
...	11·430	− 9·574	− 5	*m*	...
*	11·578	+59·292	1·80	44.8129	9·2
681					
...	+11·916	+12·761	− 4	...	...
...	11·952	−22·464	− 4	...	...
...	11·989	−17·154	0·85	...	...
...	12·297	+41·690	− 3	...	...
...	12·333	+39·600	− 4	...	...
...	+12·351	+45·781	− 4	...	...
...	12·394	+11·940	− 5	...	...
...	12·774	+44·343	− 2	...	...
*	12·833	+14·167	3·00	45.8230	7·6
...	12·868	+45·834	− 5	...	...
691					
...	+12·914	− 3·512	− 4	...	...
...	13·242	− 1·848	− 3	...	...
...	13·306	−39·942	− 4	...	...
...	13·310	+17·264	0·70	...	...
...	13·334	−23·823	− 5	...	...
...	+13·606	+ 6·312	− 5	*m*	...
...	13·690	+13·573	− 4	...	...
...	13·807	+30·429	− 5	...	...
...	13·891	− 3·019	− 3	...	...
...	13·908	−48·945	− 5	...	...
701					
...	+14·104	+39·839	− 4	...	...
...	14·132	−39·759	− 5	...	...
*	14·137	+43·293	1·40	45.8231	9·0
...	14·407	+52·793	− 5	...	...
...	14·651	− 9·400	− 5	*m*	...
...	+14·672	+38·258	− 4	...	...
...	14·814	+59·761	− 3	...	...
...	14·821	+59·528	− 3	...	...
...	14·888	−33·483	− 4	...	...
*	14·968	+36·111	1·00	...	...
711					
...	+15·021	− 0·926	− 3	...	...
...	15·108	−33·519	− 4	...	...
...	15·120	+33·207	− 3	...	...
...	15·207	−13·968	− 2	...	...
...	15·209	−43·482	0·70	...	...
...	+15·279	−16·899	− 5	...	...
...	15·281	− 3·410	− 5	...	...
...	15·307	+ 5·215	− 4	*m*	...
...	15·326	−17·743	− 5	...	...
*	15·360	−40·450	1·00	46.8316	9·6
721-780					
721	′	′		°	
...	+15·563	+16·993	− 4	...	...
...	15·592	+26·381	− 5	...	...
...	15·602	−17·168	− 5	...	...
...	15·618	+57·910	− 3	...	...
...	15·645	−48·278	− 5	...	...
*	+15·702	+35·378	1·00	45.8232	9·6
*	15·745	−53·125	1·40	46.8317	9·0
...	15·776	− 3·001	− 5	*m*	...
...	15·825	+57·089	− 4	...	...
*	15·867	−31·799	1·05	46.8318	9·6
731					
...	+15·993	+ 7·613	− 5	*m*	...
...	16·018	− 9·165	0·90	...	...
...	16·392	−36·181	− 3	...	...
...	16·508	−53·774	1·00	...	...
*	16·582	+42·913	1·05	45.8233	9·6
S *	+16·718	+ 1·543	2·80	45.8234	8·0
...	16·724	− 9·750	0·70	...	...
...	16·787	+ 0·114	− 4	α	...
...	16·899	− 0·818	− 3	*a*	...
...	17·002	−57·624	− 5	...	...
741					
...	+17·115	− 8·171	− 2	...	...
...	17·271	+29·227	0·70	...	...
...	17·496	−38·387	0·80	...	...
...	17·614	+35·661	0·75	...	...
...	17·630	+ 4·553	− 4	*a*	...
...	+17·897	−28·434	− 5	...	...
...	17·947	+30·724	− 2	...	...
...	18·148	−14·072	− 5	...	...
...	18·207	−21·826	0·70	...	...
*	18·282	−47·763	1·80	46.8319	8·7
751					
...	+18·779	−28·453	− 4	...	...
...	18·801	−59·396	− 2	...	...
...	18·828	−17·508	− 5	...	...
...	18·917	+34·286	0·70	...	...
†	18·926	−19·875	− 5	...	...
*	+18·935	+51·145	2·00	45.8235	8·8
...	19·208	−37·879	− 4	...	...
...	19·247	−43·028	− 5	...	...
...	19·313	+23·175	− 5	*m*	...
*	19·807	−31·767	0·95	46.8320	10·0
761					
...	+19·897	−57·941	− 3	...	...
...	20·022	−13·903	− 5	...	...
...	20·163	−25·107	0·90	...	...
...	20·214	+58·560	− 5	...	...
...	20·532	+13·094	− 4	...	...
...	+20·672	+41·628	− 4	...	...
...	20·695	+ 6·046	− 5	*m*	...
...	20·884	−17·603	− 5	...	...
N * [	21·066	+47·254	1·80	45.8236	8·8
*	21·122	+12·142	1·05	45.8237	9·6
771					
...	+21·127	− 0·098	− 5	*m*	...
...	21·214	− 1·124	0·85	...	...
...	21·484	−21·394	− 5	...	...
...	21·567	− 7·790	− 5	...	...
*	21·972	−57·987	1·25	46.8321	9·8
...	+22·023	+38·842	− 4	...	...
...	22·025	−20·770	− 5	...	...
*	22·191	+16·105	2·00	45.8238	8·4
*	22·386	−45·506	1·00	46.8322	10·0
...	22·654	+21·733	0·75	...	...
781-840					
781	′	′		°	
...	+22·691	+55·857	− 5	...	...
...	22·752	− 9·394	− 3	...	...
*	22·763	+45·053	1·00	45.8239	9·6
...	22·793	+33·535	− 2	...	...
*	23·001	+ 9·252	0·90	...	...
...	+23·121	+45·649	− 5	*m*	...
...	23·310	−51·845	− 5	...	...
...	23·408	+35·618	− 5	*m*	...
...	23·488	− 3·551	− 4	...	...
*	23·743	−27·928	1·00	46.8323	9·6
791					
†	+23·802	+34·956	0·65	...	...
S ‡	23·828	−19·834	3·00	46.8324	7·4
...	23·938	− 7·107	− 3	...	...
...	24·049	− 0·351	− 5	*m*	...
...	24·114	+ 8·344	− 4	...	...
*	+24·283	+50·021	1·10	45.8240	9·5
...	24·323	+11·557	− 5	...	...
*	24·351	+38·046	1·00	45.8241	10·0
†	24·396	+34·948	1·00	...	...
†	24·507	−32·243	− 3	...	...
801					
‡	+24·592	+49·445	1·00	45.8242	9·8
...	24·621	−10·678	− 5	...	...
...	24·621	−34·470	0·90	46.8325	10·0
...	24·638	−29·045	− 4	...	...
...	24·711	−23·167	− 5	...	...
...	+24·744	−57·861	− 5	...	...
...	24·786	+ 2·655	− 5	*m*	...
...	24·791	− 4·477	− 4	...	...
...	24·866	+ 2·634	− 5	*m*	...
...	24·961	+12·328	− 5	*m*	...
811					
...	+24·977	−21·509	− 5	...	...
...	25·094	−30·313	− 5	...	...
...	25·159	+19·743	− 5	*m*	...
...	25·226	− 6·656	0·70	...	...
...	25·341	−40·930	− 5	*m*	...
...	+25·356	+20·252	− 5	...	...
...	25·389	−25·779	− 4	...	...
...	25·399	−28·639	− 5	...	...
...	25·405	−46·947	− 5	...	...
...	25·546	+ 4·678	− 5	*m*	...
821					
...	+25·660	− 3·361	− 5	...	...
...	25·707	−55·329	− 5	...	...
*	25·714	+11·104	1·05	45.8243	10·0
*	25·744	−32·625	1·00	46.8326	9·5
...	25·845	− 2·314	− 4	...	...
...	+25·869	−16·207	− 4	...	...
...	26·243	− 3·317	− 4	...	...
...	26·298	−15·862	− 5	...	...
...	26·372	+ 6·788	− 5	*m*	...
...	26·434	− 7·252	0·70	...	...
831					
...	+26·440	−38·271	− 2	...	...
‡	26·478	− 9·957	2·90	46.8327	7·6
...	26·529	−51·436	− 5	...	...
‡	26·613	−39·774	0·95	46.8328	10·0
...	26·615	−40·355	− 5	...	...
...	+26·679	−49·971	− 5	...	...
...	26·691	−16·837	− 5	*m*	...
...	26·718	−11·089	− 4	*a*	...
*	26·926	−54·958	1·15	46.8329	9·4
...	26·943	+33·077	− 5	...	...

769. Suspected double. 45°102, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
841–900					
841					
...	+27·102	−34·493	− 3	...	...
*	27·174	−32·490	1·00	46.8331	9·6
*	27·201	−17·934	1·00	46.8330	10·0
...	27·217	−25·619	− 5	...	...
...	27·218	−23·819	− 5	...	...
...	+27·397	−23·316	− 4	...	...
...	27·452	−22·942	− 4	...	...
...	27·453	−12·172	− 1	...	...
*	27·685	+27·192	2·00	45.8244	8·7
...	27·799	+ 1·965	− 5	*m*	...
851					
...	+27·916	−48·677	− 3	...	...
...	28·034	−27·824	− 3	...	...
...	28·042	− 3·461	− 5	*m*	...
...	28·103	−58·777	− 5	...	...
...	28·306	−30·964	− 4	...	...
*	+28·417	+37·934	1·00	45.8245	9·8
...	28·529	+19·855	− 5	...	...
...	28·768	−57·251	− 5	...	...
...	29·085	−14·209	− 3	...	...
...	29·127	+47·550	0·80	...	...
861					
...	+29·947	+50·952	− 4	...	...
*	29·960	−12·240	1·00	46.8332	9·9
*	30·150	−15·617	0·95	46.8333	10·0
...	30·227	−38·658	− 3	...	...
...	30·326	+51·024	− 5	...	...
...	+30·327	+58·629	− 5	...	...
...	30·351	−31·046	− 4	...	...
...	30·355	+ 8·328	− 4	...	...
...	30·507	+26·769	− 5	...	...
*	30·521	−12·047	1·20	46.8334	9·6
871					
...	+30·756	− 4·424	− 3	...	...
...	30·911	−36·491	− 5	...	...
*	30·987	−36·628	1·10	46.8335	9·9
...	31·035	− 2·463	− 3	...	...
...	31·056	−26·777	− 4	...	...
...	+31·100	+49·402	1·00	45.8246	10·0
...	31·111	+49·255	0·65		
...	31·183	+27·321	− 5	...	...
...	31·430	−39·390	− 4	...	...
...	31·730	−20·179	− 4	...	...
881					
α *	+31·763	+ 0·238	1·00	45.8247	9·8
...	31·845	−21·325	− 5	...	...
...	31·961	− 2·228	− 5	*m*	...
...	32·338	+55·584	− 3	...	...
...	32·478	−43·552	− 5	...	...
...	+32·797	−51·012	0·90	46.8336	10·0
...	33·017	−53·422	− 5	...	...
...	33·100	+37·419	− 5	...	...
...	33·145	+ 6·747	− 5	*m*	...
...	33·196	−57·479	0·85	...	...
891					
*	+33·225	−34·672	1·40	46.8337	9·3
...	33·478	−28·693	− 5	...	...
...	33·602	+ 8·526	− 3	...	...
...	33·685	−36·424	− 4	...	...
...	33·785	+ 8·355	0·65	...	...
...	+33·852	+31·701	− 2	...	...
*	34·044	−20·739	1·05	46.8338	9·9
†	34·114	+39·945	− 4	...	...
...	34·192	+54·571	− 2	...	...
S *	34·236	+41·809	2·80	45.8248	7·6

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
901–960					
901					
...	+34·335	+45·711	− 4	...	...
...	34·761	+30·517	− 5	...	...
...	34·840	− 2·519	− 3	...	...
...	34·929	+37·591	− 3	...	...
...	35·020	+48·252	− 5	...	...
...	+35·169	+14·892	− 1	...	...
†	35·217	+32·933	− 3	...	...
*	35·233	−47·703	1·40	46.8339	9·8
*	35·446	+17·536	1·20	45.8249	9·4
...	35·500	+ 5·770	− 3	...	...
911					
...	+35·558	+13·483	− 2	...	...
...	35·579	−24·501	1·00	...	...
...	35·812	−34·363	− 5	*m*	...
...	35·863	−10·399	− 4	...	...
...	35·865	−42·524	− 3	...	...
... [	+35·883	+28·843	− 5	...	...
* [	35·949	+28·891	1·00	45.8250	10·0
...	35·991	−45·845	− 4	...	...
...	36·124	−28·231	− 5	...	...
...	36·173	−31·689	− 2	...	...
921					
...	+36·276	−29·089	− 4	...	...
...	36·284	−33·803	0·80	...	...
...	36·307	+20·064	− 2	...	...
...	36·502	+45·719	− 4	...	...
*	36·536	−19·281	1·10	46.8340	10·0
...	+36·625	−36·984	− 4	...	...
...	36·749	−26·115	− 5	*m*	...
...	36·826	+ 4·647	0·65	...	...
...	36·938	−18·380	− 3	...	...
...	36·953	+35·796	− 4	...	...
931					
...	+36·979	+ 3·602	− 5	*m*	...
...	37·027	− 2·362	− 4	...	...
...	37·229	−22·620	− 5	*m*	...
...	37·257	−20·503	− 5	*m*	...
...	37·335	−30·140	0·70	...	...
...	+37·382	− 5·975	− 4	...	...
...	37·403	+48·312	− 3	...	...
...	37·413	+58·739	− 5	...	...
*	37·474	− 4·182	1·00	46.8341	10·0
...	37·490	+31·734	0·70	...	...
941					
...	+37·579	+36·781	− 3	...	...
...	37·652	+ 5·498	− 2	...	...
...	37·654	+17·303	− 5	*m*	...
...	37·672	+35·542	− 5	*m*	...
...	37·930	−37·415	1·00	46.8342	10·0
...	+38·014	+18·983	− 5	...	...
...	38·160	−38·502	− 5	...	...
...	38·328	−33·396	− 2	...	...
...	38·419	+20·108	− 3	...	...
...	38·473	− 3·172	− 5	...	...
951					
...	+38·489	−15·661	− 4	...	...
...	38·536	−40·878	1·00	...	...
...	38·539	+25·776	− 5	*m*	...
...	39·191	−21·388	− 3	...	...
...	39·382	−40·209	− 3	...	...
...	+39·415	+31·756	− 5	...	...
‡	39·425	−29·126	1·50	46.8343	9·1
*	39·733	+26·713	1·20	45.8251	9·5
...	39·961	+25·912	− 5	...	...
...	40·046	+ 7·662	− 5	*m*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
961–1020					
961					
*	+40·343	−32·387	1·50	46.8344	9·3
...	40·444	+ 2·102	− 4	...	...
N * [	40·481	−50·576	1·30	46.8345	9·6
*	40·496	+29·742	1·10	45.8252	9·4
...	40·833	+22·218	− 5	...	...
...	+40·884	+35·565	− 4	...	...
...	40·980	+30·589	− 5	...	...
*	41·014	+55·924	1·80	45.8253	9·0
*	41·051	+16·074	1·00	45.8254	9·6
*	41·362	−23·090	1·00	46.8346	10·0
971					
...	+41·554	+41·729	− 5	...	...
†	41·572	−29·825	− 5	*m*	...
...	41·625	−26·465	− 5	...	...
...	41·696	−57·822	0·80	46.8347	10·0
*	41·783	+41·920	1·80	45.8255	9·0
...	+42·018	+20·767	− 4	...	...
...	42·129	−37·214	− 5	...	...
...	42·284	−20·622	− 4	...	...
...	42·582	+22·131	− 5	...	...
...	42·625	− 3·738	− 5	...	...
981					
...	+42·628	−37·095	− 4	...	...
...	42·667	−57·764	− 5	...	...
...	42·706	+32·359	1·00	45.8256	10·0
...	42·841	−32·018	− 1	...	...
...	43·021	+44·440	− 5	...	...
*	+43·050	+38·498	1·00	45.8257	10·0
*	43·231	+17·016	1·00	45.8258	10·0
...	43·321	+42·114	− 5	*m*	...
...	43·349	−56·649	− 4	...	...
...	43·426	+ 6·114	0·90	...	...
991					
...	+43·476	+14·888	− 2	...	...
...	43·575	+ 6·297	− 3	...	...
...	43·582	+22·298	− 5	*m*	...
...	43·726	+53·172	− 5	...	...
*	43·747	− 7·376	1·00	46.8348	10·0
*	+43·853	+52·769	3·00	45.8259	8·3
...	43·965	−45·344	− 5	*m*	...
...	44·011	+40·759	− 5	...	...
...	44·041	−51·899	1·00	46.8349	10·0
...	44·131	−34·642	− 3	...	...
1001					
...	+44·191	+42·595	− 4	...	...
‡	44·486	+ 5·966	1·00	45.8260	9·8
*	44·563	−32·108	1·00	46.8350	10·0
...	44·905	+20·108	− 5	...	...
...	45·122	−10·890	− 4	...	...
...	+45·200	−25·424	− 3	*e*	...
...	45·268	+43·052	− 4	...	...
...	45·364	−42·932	− 5	...	...
...	45·657	−44·037	− 5	...	...
*	45·823	+23·257	1·50	45.8261	9·3
1011					
...	+46·025	−25·603	− 5	...	...
...	46·042	−40·936	− 1	...	...
*	46·094	+11·517	1·00	...	...
...	46·099	−52·485	− 5	...	...
...	46·204	−17·349	− 5	...	...
...	+46·216	− 0·807	− 4	...	...
*	46·223	+ 5·605	1·10	45.8263	9·4
...	46·312	− 5·452	− 5	...	...
*	46·492	+53·023	1·80	45.8262	9·0
...	46·738	+51·041	− 5	...	...

963. Mass. 47°102, two stars.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
1021-1060					
1021					
...	+46′·783	+36′·684	− 5	° ...	...
...	46·822	− 9·867	− 2	...	...
...	46·852	−49·977	− 5	...	...
...	47·080	+17·221	− 5	*m*	...
...	47·141	+14·487	0·95	...	...
*	+47·183	+33·965	1·00	...	...
...	47·270	+52·618	− 5	...	...
...	47·373	+20·380	− 2	...	...
...	47·542	+10·822	− 5	...	...
...	47·704	−10·718	− 4	...	...
1031					
...	+47·723	+18·125	− 3	...	...
...	47·993	+25·964	− 4	...	...
...	48·091	+33·244	− 4	...	...
...	48·102	+18·063	− 5	...	...
...	48·126	+ 0·447	0·90	...	...
...	+48·218	+22·562	− 5	...	...
...	48·264	+10·884	− 2	...	...
...	48·321	−38·379	− 5	...	...
...	48·400	−28·413	− 5	...	...
...	48·931	− 8·823	− 2	...	...
1041					
...	+49·002	− 2·563	− 4	...	...
...	49·085	+47·248	− 4	...	...
*	49·219	+55·819	1·10	45.8264	9·6
†	49·500	+27·107	− 2	...	...
...	49·535	−41·904	1·10	46.8353	10·0
*	+49·652	−26·008	1·10	46.8352	9·9
*	50·033	+54·143	1·60	45.8265	9·0
...	50·356	+40·862	− 4	...	...
...	50·610	+ 9·423	− 2	...	...
...	50·737	+42·942	0·80	...	...
1051					
...	+50·940	+31·345	− 4	...	...
...	51·124	+15·151	− 4	...	...
*	51·159	− 1·582	1·40	45.8267	9·3
...	51·200	+ 0·799	− 4	...	...
...	51·241	+34·611	0·85	...	...
...	+51·243	−21·245	− 4	...	...
*	51·512	+27·925	1·25	45.8266	9·6
*	51·550	+28·808	1·40	45.8268	9·5
*	51·613	+16·000	1·00	45.8269	10·0
...	51·617	−20·839	− 5	...	...
1061-1100					
1061					
S *	+51′·774	−38′·180	2·10	46.8354	8·5
...	51·778	+30·187	− 4	...	...
...	51·798	+ 0·876	− 5	*e*	...
...	51·800	−54·359	− 5	...	...
...	51·824	−34·030	− 3	...	...
...	+51·923	+38·125	− 4	...	...
... [	52·261	−36·701	− 3	...	...
... [	52·343	−36·707	− 5	...	...
...	52·337	+29·194	− 5	...	...
...	52·402	−15·291	− 5	...	...
1071					
...	+52·506	−17·955	− 5	...	...
*	52·826	−26·706	2·30	46.8355	8·8
...	53·001	+28·348	− 4	...	...
...	53·093	+30·545	− 5	...	...
†	53·104	+ 9·926	− 5	*m*	...
...	+53·180	+ 3·424	− 4	*e*	...
*	53·234	−20·999	2·60	46.8356	8·2
*	53·506	+41·816	1·40	45.8270	9·4
...	53·611	− 5·405	0·85	...	...
...	53·815	+21·263	− 5	*m*	...
1081					
...	+53·884	+28·448	− 3	...	...
*	54·190	+50·612	1·50	45.8271	9·4
...	54·292	−47·245	− 5	...	...
†	54·452	+21·081	0·70	...	...
...	54·578	+ 7·363	− 5	...	...
...	+54·695	+37·430	− 5	...	...
...	54·784	−47·510	− 3	...	...
...	54·785	+21·574	0·80	...	...
...	54·815	−37·374	0·90	46.8357	10·0
...	54·896	+11·931	− 1	...	...
1091					
...	+55·288	+44·595	− 3	...	...
...	55·717	+ 9·079	− 5	...	...
*	56·428	−27·618	1·20	46.8358	9·9
...	56·634	+16·518	− 4	...	...
...	56·720	+22·422	0·90	45.8272	10·0
...	+56·837	+46·570	− 4	...	...
...	57·044	+ 4·060	− 3	...	...
...	57·050	+53·112	− 5	...	...
*	57·178	−36·802	2·60	46.8360	8·3
*	57·253	−22·450	1·25	46.8359	9·6
1101-1111					
1101					
...	+57′·330	−52′·751	− 5	° ...	...
...	57·615	−48·440	− 5	...	...
...	58·018	−42·153	0·90	46.8361	10·0
...	58·198	+23·845	− 5	...	...
N [	58·256	+28·238	0·80	...	...
...	+58·308	− 0·815	0·70	...	...
...	58·366	+29·056	− 5	...	...
*	58·426	+25·229	1·30	45.8273	9·6
S *	58·648	− 3·023	2·30	46.8362	8·4
...	58·891	+32·210	− 3	...	...
1111					
...	+59·135	+19·027	− 5	...	...

1105. Mass. 45°102, two stars; 46°103 mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
1-10					
I					
‡	−59′·397	+52′·837	1·90	° 45.8262	9·0
*	59·140	+23·044	1·25	45.8261	9·3
...	59·086	−56·895	− 5	...	...
...	59·072	+50·832	− 5	...	...
...	59·003	−34·868	− 4	...	...
...	−58·827	−45·575	− 5	M	...
...	58·738	−11·102	− 5	...	...
*	58·635	−32·349	1·00	46.8350	10·0
...	58·548	−52·125	1·00	46.8349	10·0
...	58·495	+11·318	0·90	...	...
11-20					
II					
...	−58′·224	−25′·625	− 4	°E ...	...
*	58·179	+ 5·413	1·10	45.8263	9·4
...	58·113	+33·793	− 1	...	...
...	57·961	− 0·988	− 5	...	...
...	57·746	− 5·633	− 5	...	...
...	−57·527	+14·322	0·90	...	...
...	57·501	+20·219	− 1	...	...
...	57·501	−43·123	− 5	...	...
...	57·472	−17·523	− 5	...	...
...	57·375	−25·775	− 5	...	...
21-30					
21					
...	−57′·193	+33′·102	− 5	° ...	...
...	57·093	−10·027	0·75	...	...
...	57·068	+17·982	− 3	...	...
...	57·043	+25·816	− 4	...	...
...	57·023	+10·670	− 5	...	...
...	−56·902	−41·109	− 1	...	...
...	56·767	+55·715	1·00	45.8264	9·6
...	56·723	+22·421	− 5	...	...
...	56·697	+17·927	− 5	...	...
...	56·635	+47·141	− 4	...	...

L measured from 1, 139, 268, 382, 519, 648.
C ,, ,, 77, 207, 329, 445, 583, 739.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
31–90					
31					
...	−56·470	−52·653	− 4	...	...
...	56·305	+10·757	− 1	...	...
...	56·187	−10·854	− 5	...	...
...	56·112	+ 0·316	0·75	...	...
*	55·885	+54·055	1·50	45.8265	9·0
...	−55·795	−50·107	− 5	...	...
...	55·569	+27·006	− 2	...	...
...	55·146	− 2·659	− 5	...	...
...	55·141	+40·780	− 5	...	...
...	55·017	− 8·927	0·70	...	...
41					
...	−54·935	−28·506	− 5	...	...
...	54·824	+42·871	− 1	...	...
...	54·285	+31·297	− 5	...	...
...	54·071	+34·575	− 1	...	...
...	53·909	+ 9·374	− 4	...	...
*	−53·756	−26·067	1·00	46.8352	9·9
*	53·587	+27·899	1·00	45.8266	9·6
*	53·576	+28·773	1·00	45.8268	9·5
...	53·394	+30·160	− 5	...	...
*	53·385	−41·963	1·00	46.8353	10·0
51					
*	−53·116	+15·974	1·00	45.8269	10·0
...	53·057	+ 0·758	− 5	...	...
*	53·014	− 1·611	1·20	45.8267	9·3
...	52·455	+ 0·877	− 5	E	...
...	52·305	−21·261	− 3	...	...
...	−52·112	+28·354	− 5	...	...
*	52·044	+41·834	1·20	45.8270	9·4
*	51·623	+50·649	1·15	45.8271	9·4
...	51·343	−15·274	− 5	...	...
...	51·340	−34·026	− 2	...	...
61					
S *	−51·249	−38·171	1·95	46.8354	8·5
...	51·237	+28·486	− 3	...	...
...	51·161	+ 3·454	− 5	E	...
...	51·111	+23·810	− 5	...	...
... [	50·804	−36·678	− 3	...	...
... [	−50·716	−36·667	− 5	...	...
...	50·724	−54·345	− 5	...	...
...	50·693	+37·495	− 5	...	...
*	50·551	−26·659	2·00	46.8355	8·8
...	50·452	− 5·359	0·80	...	...
71					
...	−50·445	+21·142	0·85	...	...
...	50·341	+44·673	− 4	...	...
*	50·316	−20·962	2·20	46.8356	8·2
...	50·117	+21·636	0·90	...	...
...	49·867	+ 7·434	− 5	...	...
...	−49·709	+12·005	− 2	...	...
...	48·851	+46·682	− 5	...	...
...	48·832	+53·256	− 5	...	...
...	48·811	+ 9·178	− 5	...	...
...	48·484	−47·159	− 5	...	...
81					
...	−48·234	−37·270	1·00	46.8357	10·0
...	48·209	+22·556	0·95	45.8272	10·0
...	48·120	+16·655	− 3	...	...
...	48·096	+18·325	− 5	...	...
...	47·947	−47·407	− 3	...	...
...	−47·314	+ 4·216	− 3	...	...
*	46·940	−27·479	1·00	46.8358	9·9
N [	46·866	+28·410	0·90	...	...
...	46·791	+24·029	− 5	...	...
...	46·784	+29·232	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
91–150					
91					
*	−46·598	+25·416	1·05	45.8273	9·6
...	46·358	+32·407	− 3	...	...
*	46·269	−22·273	1·05	46.8359	9·6
...	45·894	− 0·625	0·75	...	...
* [	45·891	−36·621	2·40	46.8360	8·3
...	−45·822	+56·739	− 5	...	...
...	45·800	+45·759	− 5	...	...
...	45·702	+45·184	1·00	45.8274	10·0
...	45·672	+19·232	− 5	...	...
S *	45·478	− 2·816	2·15	46.8362	8·4
101					
...	−45·259	−52·549	− 5	...	...
...	45·097	−48·242	− 2	...	...
...	45·045	+39·381	− 5	...	...
*	44·894	−41·936	1·00	46.8361	10·0
...	44·776	+54·522	1·05	45.8275	10·0
...	−44·425	+51·804	− 3	...	...
...	44·363	+24·079	0·90	...	...
S *	44·260	+43·955	2·25	45.8276	8·2
*	43·629	−35·126	1·00	46.8363	10·0
...	43·624	− 7·263	− 5	...	...
111					
...	−43·411	+36·449	− 5	...	...
...	43·407	− 7·696	0·85	...	...
...	43·404	+29·955	0·70	...	...
...	43·336	+ 6·893	− 3	...	...
...	43·289	+57·362	− 5	...	...
...	−43·257	− 8·655	− 4	...	...
*	42·917	+29·562	1·25	45.8277	9·3
...	42·811	−22·964	− 3	...	...
...	42·767	+11·816	− 4	...	...
...	42·680	+41·158	− 3	...	...
121					
...	−42·496	−16·653	− 3	...	...
...	42·292	+ 2·827	− 3	...	...
...	42·258	+26·912	− 5	...	...
*	42·102	−21·027	1·00	46.8364	9·8
...	41·770	−21·249	− 5	...	...
...	−41·671	+45·164	− 5	...	...
*	41·513	−46·552	1·05	46.8365	9·8
†	41·383	−24·772	− 5	...	...
...	41·351	+35·433	0·80	...	...
...	41·323	−24·700	0·75	...	...
131					
*	−41·088	−15·893	1·00	46.8366	10·0
...	40·915	−27·320	0·75	...	...
...	40·560	−14·933	− 5	...	...
...	40·465	+ 8·694	− 5	...	...
*	40·421	−18·779	1·90	46.8367	8·8
...	−40·137	+59·701	0·85	...	...
...	39·813	+14·011	− 3	...	...
...	39·771	+55·762	− 5	...	...
...	39·494	− 8·919	− 5	...	...
*	39·207	−27·389	1·40	46.8368	9·0
141					
...	−39·067	−58·617	− 5	...	...
...	38·924	+32·208	− 5	...	...
...	38·872	+37·199	0·95	...	...
...	38·744	− 8·834	− 5	...	...
...	38·731	−58·687	− 5	...	...
*	−38·694	+36·867	1·70	45.8278	9·0
†	38·483	+54·939	− 5	...	...
...	38·109	+ 6·907	− 2	...	...
...	38·047	+48·196	− 5	...	...
...	37·950	−40·741	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
151–210					
151					
*	−37·904	+30·246	0·90	...	...
*	37·819	+26·521	1·00	45.8279	9·6
...	37·774	+26·852	− 5	...	...
...	37·672	+48·097	− 5	...	...
...	37·205	+42·440	− 3	...	...
...	−37·154	+33·456	− 5	...	...
*	36·830	+28·394	1·00	45.8280	9·8
...	36·792	+23·620	− 5	...	...
...	36·456	−40·977	− 5	...	...
...	36·304	+41·580	− 5	...	...
161					
...	−36·293	−56·401	− 3	...	...
...	36·174	+21·321	0·80	...	...
...	36·104	+34·791	− 4	...	...
...	35·693	+56·943	− 5	...	...
...	35·645	−27·971	− 5	...	...
...	−35·625	−56·202	− 5	...	...
...	35·588	+18·614	− 5	...	...
...	35·569	+28·449	− 5	...	...
...	35·552	−16·917	− 5	...	...
...	35·425	+ 6·766	− 5	...	...
171					
...	−35·324	−49·457	− 5	...	...
...	35·167	+45·907	0·95	...	...
*	35·076	−20·343	1·00	46.8370	10·0
...	35·006	+ 5·670	− 5	M	...
...	34·965	−51·406	− 5	...	...
...	−34·713	+42·958	0·95	45.8281	10·0
*	34·538	+ 8·036	0·95	...	...
...	34·517	−14·135	− 4	...	...
...	34·014	+56·201	− 5	...	...
*	33·962	+16·479	1·00	45.8282	9·8
181					
...	−33·699	+30·775	− 3	...	...
...	33·630	+43·171	1·00	45.8283	10·0
...	33·325	+16·545	− 5	...	...
...	33·085	+59·230	− 3	...	...
...	33·020	+15·372	0·85	...	...
...	−32·730	+ 4·756	− 5	...	...
...	32·607	+49·836	− 5	...	...
...	32·258	−49·334	− 5	...	...
*	32·079	+53·963	2·00	45.8285	8·2
...	32·056	−53·183	− 3	...	...
191					
*	−32·022	+29·061	0·95	45.8284	10·0
...	31·828	−14·959	− 5	...	...
...	31·823	+23·282	0·80	...	...
...	31·744	+19·728	− 5	...	...
*	31·639	+55·544	1·20	45.8286	9·6
...	−31·639	+38·793	− 3	...	...
...	31·321	+45·075	− 2	...	...
...	30·892	+37·469	− 2	...	...
...	30·707	+27·677	− 2	...	...
...	30·471	−55·291	− 5	...	...
201					
...	−30·446	+47·958	− 2	...	...
...	30·350	+21·311	− 4	...	...
...	30·313	−13·255	0·90	...	...
...	30·248	+37·723	− 5	...	...
...	30·227	+52·922	− 4	...	...
...	−29·956	−18·366	− 5	...	...
‡	29·720	−40·333	1·40	46.8371	9·3
...	29·671	−25·265	− 5	...	...
...	29·501	−58·648	− 4	...	...
...	29·211	− 3·184	− 5	...	...

88. Mass. 45°102, two stars ; 46°102, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
211–270					
211					
...	−29·169	+ 9·439	− 5	...	...
...	29·115	−24·601	0·85	46.8372	10·0
*	28·821	+26·052	1·30	45.8287	9·2
...	28·740	−43·796	− 1	...	...
...	28·696	+58·131	− 5	...	...
...	−28·513	−51·020	0·70	...	...
...	28·378	− 3·463	− 5	...	...
...	28·269	+49·642	− 4	...	...
...	28·267	−56·525	0·90	...	...
...	28·215	−13·793	1·00	46.8374	10·0
221					
...	−28·142	+23·637	0·90	45.8288	10·0
...	28·087	−48·315	− 5	...	...
*	28·012	−56·983	1·00	46.8373	10·0
*	27·697	+37·727	1·35	45.8289	9·1
*	27·179	+ 2·315	1·20	45.8290	9·4
...	−27·148	+ 6·828	− 5	...	...
*	27·113	+32·120	1·00	45.8291	9·8
*	26·923	+23·516	1·35	45.8292	9·3
...	26·822	+49·025	− 3	...	...
...	26·779	−28·321	− 3	...	...
231					
...	−26·542	−36·260	− 5	...	...
...	26·386	+35·271	− 2	...	...
...	26·042	− 8·692	− 5	...	...
...	25·775	+35·275	− 5	...	...
...	25·575	−44·574	− 5	...	...
...	−25·499	+51·058	− 4	...	...
...	25·421	+48·066	− 5	...	...
...	25·222	+37·560	− 3	...	...
...	24·537	−40·498	− 1	...	...
‡	24·495	−49·853	3·20	46.8375	7·4
241					
...	−24·196	−45·645	− 5	...	...
...	24·045	−52·677	− 5	...	...
*	23·935	+26·447	1·00	45.8294	10·0
*	23·904	+13·108	1·00	45.8293	9·6
...	23·855	+39·279	− 5	...	...
...	−23·435	−43·012	− 5	...	...
...	23·405	+22·465	− 5	...	...
*	23·372	+38·289	4·00	45.8295	7·2
...	23·371	+33·722	0·75	...	...
...	23·237	−31·750	0·90	...	...
251					
...	−22·678	+13·634	− 5	...	...
...	22·193	−39·720	0·75	...	...
...	22·100	+36·019	− 5	...	...
S *	21·722	−55·780	3·10	46.8376	7·6
...	21·584	−26·025	− 4	...	...
*	−21·362	− 0·754	2·00	45.8296	8·8
...	21·224	+37·166	0·70	...	...
...	21·191	− 9·778	− 1	...	...
...	21·057	+42·874	0·80	...	...
...	20·572	+44·834	− 5	...	...
261					
...	−20·565	+57·890	− 5	...	...
*	20·544	+20·880	1·10	45.8297	9·6
...	20·380	+30·800	− 2	...	...
...	20·038	+56·691	− 5	...	...
...	20·033	−12·259	− 5	...	...
†	−19·897	−55·002	0·75	...	...
...	19·826	+ 1·067	0·80	...	...
...	19·469	+24·734	0·95	45.8298	10·0
...	19·319	+ 7·720	− 5	...	...
†	19·174	+34·927	0·70	...	...
271–330					
271					
...	−18·907	+43·327	1·00	45.8299	10·0
...	18·806	+20·790	− 5	...	...
...	18·791	+41·361	− 5	...	...
...	18·755	+35·762	− 5	...	...
*	18·703	−38·531	1·00	46.8377	9·9
*	−18·501	− 1·963	1·00	45.8300	9·9
...	18·299	+33·533	− 5	...	...
...	18·039	−58·895	− 5	...	...
...	17·940	−57·129	− 5	...	...
*	17·859	− 0·995	2·00	45.8301	9·1
281					
...	−17·519	−12·952	0·85	46.8379	10·0
...	17·460	+44·197	− 4	...	...
...	17·126	+35·544	− 5	...	...
...	17·047	+57·985	1·00	44.8217	10·0
...	16·712	+ 5·715	0·95	...	...
S *	−16·216	+ 2·246	1·25	45.8302	9·4
...	16·187	+25·614	0·75	...	...
...	15·727	+58·811	− 3	...	...
...	15·563	−20·676	− 4	...	...
...	15·483	−42·362	− 2	...	...
291					
...	−15·193	+14·850	0·85	...	...
...	15·187	−55·495	− 4	...	...
...	15·105	−18·909	1·00	46.8381	9·9
...	15·074	+ 3·210	− 1	45.8303	10·0
...	15·008	+43·705	− 3	...	...
...	−14·163	−13·354	1·00	46.8382	9·6
...	14·021	+41·529	− 4	...	...
...	13·908	+10·444	− 1	45.8304	10·0
...	13·813	−15·934	0·90	46.8383	10·0
...	13·682	+ 3·305	− 4	...	...
301					
...	−13·505	−33·400	− 5	...	...
*	13·398	−54·920	1·05	46.8384	9·5
...	13·379	+14·189	− 5	...	...
*	13·279	+ 1·363	1·05	45.8305	9·8
...	13·268	+35·293	− 5	...	...
...	−12·841	+22·000	− 5	...	...
...	12·749	−12·062	− 3	...	...
...	12·662	−10·289	− 4	...	...
...	12·368	+52·126	− 5	...	...
...	12·336	+36·627	− 5	...	...
311					
...	−12·163	−25·162	0·80	...	...
...	12·054	+40·585	− 5	...	...
...	11·711	− 8·321	− 5	...	...
...	11·354	+32·868	0·75	...	...
...	11·120	−59·273	0·90	46.8385	10·0
...	−11·106	−39·081	− 5	...	...
...	10·932	+59·146	− 5	...	...
...	10·816	+57·988	− 5	...	...
...	10·794	−59·463	1·00	46.8386	10·0
*	10·678	+ 5·136	2·00	45.8306	8·5
321					
*	−10·665	+56·732	1·00	45.8308	10·0
...	10·652	−10·900	− 3	...	...
...	10·591	+ 9·185	− 5	...	...
*	10·438	+29·773	1·00	45.8307	9·6
...	10·343	+43·652	− 4	...	...
...	−10·317	+45·887	− 3	...	...
...	10·171	+25·959	− 5	...	...
...	10·168	+42·276	0·90	45.8309	10·0
...	9·496	+11·187	− 5	...	...
‡	9·363	−59·732	1·15	46.8387	9·6
331–390					
331					
*	− 9·285	+38·332	0·95	45.8310	9·9
...	9·104	−45·227	− 4	...	...
...	8·996	−50·779	− 5	...	...
...	8·834	− 0·109	− 5	...	...
...	8·801	+ 3·508	− 5	M	...
...	− 8·498	−53·823	− 3	...	...
...	8·495	+32·610	− 4	...	...
...	8·391	− 4·204	− 4	...	...
*	8·033	− 1·006	1·60	45.8311	9·0
...	7·906	+59·037	− 4	...	...
341					
...	− 7·862	+23·312	− 5	...	...
...	7·677	−17·786	− 1	...	...
...	7·582	−35·346	− 5	...	...
*	7·512	−46·842	1·20	46.8388	9·5
*	7·450	+32·183	1·05	45.8312	9·6
...	− 7·327	−19·138	− 5	...	...
...	7·010	+47·787	− 5	...	...
...	6·555	+ 0·820	− 5	M *m*	...
...	6·448	+52·205	− 4	...	...
...	6·358	−58·761	0·75	...	...
351					
...	− 6·178	−35·664	− 3	...	...
*	6·037	−33·112	1·60	46.8389	9·0
...	6·025	+21·407	− 5	...	...
...	5·996	+25·868	0·95	45.8313	10·0
...	5·804	−25·443	0·65	...	...
...	− 5·666	+50·210	1·00	45.8314	9·8
...	5·614	−37·227	− 5	...	...
...	5·398	+27·823	0·65	...	...
*	5·244	+21·018	1·25	45.8315	9·3
...	5·051	+40·575	− 2	...	...
361					
...	− 4·997	+50·370	− 3	...	...
†	4·859	−21·937	0·90	46.8390	9·9
...	4·831	+38·097	0·65	...	...
†	4·660	+27·736	0·75	45.8316	9·6
*	4·340	+ 2·328	1·20	45.8317	9·6
...	− 4·102	−21·062	0·65	46.8392	9·9
*	4·014	−52·004	2·70	46.8391	8·2
...	3·603	+34·591	0·75	45.8319	10·0
...	3·551	+ 2·916	0·90	45.8318	10·0
...	3·487	−18·625	0·65	...	...
371					
...	− 2·870	−23·946	− 5	...	...
...	2·619	−32·872	− 5	...	...
...	2·278	+ 0·677	− 5	M	...
...	1·449	+37·513	− 4	...	...
...	1·385	− 8·908	− 5	...	...
*	− 1·013	−45·275	2·50	46.8393	8·2
...	0·923	+20·398	− 4	...	...
...	0·716	+19·174	0·65	45.8320	10·0
...	0·672	−54·368	− 3	...	...
...	0·548	+50·103	− 4	...	...
381					
*	− 0·413	+ 1·626	1·10	45.8321	9·5
...	+ 0·417	−37·508	− 5	...	...
...	0·493	+55·525	− 1	...	...
...	0·587	+38·881	− 4	...	...
...	1·210	−56·535	− 3	...	...
...	+ 1·256	+49·727	− 4	...	...
*	1·297	+19·050	1·00	45.8322	9·8
...	1·826	+ 2·230	− 5	M	...
...	1·832	−34·681	− 5	...	...
S *	1·967	−32·697	4·00	46.8395	7·2

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
391–450					
391					
S *	+ 2·149	+36·373	1·55	45.8323	9·0
...	2·158	+29·224	− 4	...	...
...	2·161	+32·096	− 2	...	...
...	2·461	+37·979	− 3	...	...
...	2·752	+ 8·235	− 1	45.8324	10·0
...	+ 2·842	+52·483	− 4	...	...
...	2·971	−53·962	− 3	...	...
...	3·005	−23·233	− 5	...	...
...	3·044	−16·005	− 5	...	...
...	3·213	+47·283	− 5	...	...
401					
...	+ 3·240	+10·625	− 5	...	...
...	3·264	+25·832	1·00	45.8325	9·8
...	3·354	− 6·087	1·00	46.8396	9·8
...	3·563	−18·963	− 3	...	...
*	3·646	+46·677	1·00	45.8326	9·8
...	+ 4·395	−56·080	0·80	...	...
...	4·410	+39·745	− 3	...	...
...	4·462	−43·308	− 2	...	...
*	4·681	−15·912	1·90	46.8397	9·0
...	4·784	−26·558	− 1	...	...
411					
†	+ 5·140	−53·583	− 2	...	...
...	5·327	+ 2·572	− 5	...	...
...	5·427	− 7·135	− 5	...	...
...	5·594	−15·094	− 4	...	...
...	5·702	+15·064	− 5	...	...
...	+ 6·035	+20·573	− 4	...	...
...	6·064	+58·983	− 3	...	...
...	6·064	+53·877	− 3	...	...
...	6·349	+55·493	− 5	...	...
...	6·524	+49·809	− 5	...	...
421					
...	+ 6·609	−32·863	1·00	46.8398	9·8
...	6·772	+57·187	− 5	...	...
...	6·900	+21·294	− 3	...	...
...	7·086	+27·783	− 5	...	...
...	7·100	−31·112	− 5	...	...
...	+ 7·212	−46·756	− 5	...	...
...	7·213	−22·975	− 5	...	...
...	7·232	−40·576	− 5	...	...
*	7·278	−52·218	1·00	46.8399	9·6
...	7·334	−42·797	− 5	...	...
431					
*	+ 7·349	−36·090	1·00	46.8400	9·4
†	7·404	− 5·000	− 5	...	...
...	7·410	+42·708	− 3	...	...
...	7·694	+41·579	0·90	45.8327	10·0
...	7·763	−42·002	− 3	...	...
*	+ 8·163	+37·450	1·00	45.8328	10·0
...	8·309	−15·366	1·00	46.8401	9·9
...	8·497	+11·848	− 4	...	...
...	8·604	+17·069	− 2	...	...
...	8·679	+43·139	− 5	...	...
441					
...	+ 9·019	−11·358	− 5	...	...
...	9·093	−39·756	− 5	...	...
...	9·218	− 7·206	− 4	...	...
...	9·907	−41·731	0·70	...	...
*	10·230	−56·813	1·70	46.8403	8·9
...	+10·419	−30·790	− 5	...	...
...	10·557	+47·038	− 4	...	...
...	10·622	−56·305	− 5	...	...
...	10·871	+13·974	0·65	...	...
...	10·879	−56·481	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
451–510					
451					
...	+11·118	+ 8·921	− 4	...	...
...	11·141	− 1·201	1·00	45.8329	10·0
...	11·259	+36·736	− 5	...	...
*	11·488	+26·807	1·60	45.8330	8·9
*	11·937	−45·680	1·40	46.8404	9·3
...	+12·029	+28·689	− 5	...	...
...	12·359	−56·681	− 3	...	...
...	12·460	+ 6·254	− 5	...	...
...	12·558	+34·277	− 5	...	...
...	12·661	+28·003	0·75	...	...
461					
*	+13·013	+52·363	1·20	45.8331	9·3
‡	13·013	−24·985	1·90	46.8405	9·0
...	13·032	−15·575	− 3	...	...
...	13·124	−58·533	− 4	...	...
...	13·125	−50·005	− 3	...	...
...	+13·270	− 0·250	− 3	45.8332	10·0
...	13·560	−47·643	0·85	46.8406	10·0
...	13·843	+27·072	− 4	...	...
...	13·919	−17·478	1·00	46.8407	9·8
...	14·175	−17·378	− 5	...	...
471					
...	+14·198	+53·605	− 5	...	...
...	14·236	−47·534	0·85	46.8408	10·0
†	14·372	−29·865	− 4	...	...
...	14·477	+22·631	0·90	45.8333	10·0
...	14·555	−29·827	− 5	...	...
*	+14·671	+24·034	1·00	45.8334	9·6
...	14·687	+ 6·357	− 2	...	...
*	14·833	+ 9·693	1·30	45.8335	9·3
†	14·946	+ 5·040	0·90	45.8336	10·0
...	15·090	−29·553	− 5	...	...
481					
*	+15·372	−52·807	1·05	46.8409	10·0
...	15·414	+24·363	0·90	45.8337	10·0
...	15·442	−12·750	− 1	...	...
...	15·461	+39·372	− 5	...	...
...	15·527	−48·528	0·70	...	...
‡	+15·599	+19·931	1·00	45.8338	9·6
...	15·638	−59·197	0·95	...	...
*	15·896	+58·650	1·60	44.8256	9·0
...	15·925	+22·963	1·00	45.8339	9·8
...	16·200	+37·901	− 4	...	...
491					
...	+16·245	+17·565	− 3	...	...
...	16·555	+36·821	− 5	...	...
N †	16·630	+ 5·025	− 4	...	...
...	16·829	+13·855	− 1	...	...
...	17·013	−35·995	− 4	...	...
S *	+17·093	− 8·788	1·60	46.8410	9·3
...	17·378	−13·195	0·95	46.8411	9·8
...	17·468	+23·941	− 5	...	...
...	17·547	+55·603	− 5	*m*	...
*	17·715	−42·180	1·30	46.8412	9·3
501					
...	+17·898	−52·393	− 5	...	...
...	18·033	−48·861	− 5	*m*	...
...	18·221	−31·013	− 4	...	...
...	18·377	+56·539	0·75	...	...
...	18·548	−21·128	− 5	...	...
...	+18·676	−57·110	− 4	...	...
...	18·716	−34·173	0·65	...	...
...	18·950	−55·564	− 3	...	...
...	19·011	+53·924	− 4	...	...
...	19·168	+37·554	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
511–570					
511					
...	+19·332	+42·123	− 4	...	...
...	19·378	−33·255	− 3	...	...
...	19·478	+25·025	− 5	...	...
...	19·626	−23·932	− 5	...	...
*	19·734	+34·384	1·00	45.8340	9·9
...	+19·862	+22·201	− 1	...	...
...	19·924	+58·069	− 4	...	...
...	20·131	+45·777	− 5	...	...
...	20·175	−57·289	− 5	...	...
...	20·739	+11·260	− 5	...	...
521					
...	+20·748	−52·337	0·70	...	...
...	21·056	−52·705	0·70	...	...
...	21·089	−57·488	− 5	...	...
...	21·625	−57·381	− 5	...	...
*	21·720	−24·660	2·60	46.8413	8·6
*	+22·020	+36·929	1·00	45.8341	9·9
*	22·278	−21·317	2·80	46.8414	8·5
...	22·283	−14·349	− 4	...	...
...	22·321	+58·157	− 3	...	...
...	22·328	+22·734	− 5	...	...
531					
...	+22·624	+42·915	− 4	*a*	...
...	22·641	−41·814	− 4	...	...
...	22·800	+45·030	0·80	45.8342	10·0
...	22·909	−42·674	− 5	...	...
...	23·140	−40·377	− 4	...	...
*	+23·251	+15·213	1·00	45.8343	9·8
...	23·402	−44·424	− 5	...	...
...	23·448	+13·296	0·95	45.8344	9·8
...	23·453	+ 7·809	− 5	...	...
...	23·544	+56·815	− 5	...	...
541					
...	+23·546	+24·044	− 4	...	...
...	23·800	−36·278	− 2	...	...
...	24·023	−53·823	− 5	...	...
*	24·163	−10·557	1·00	46.8415	10·0
...	24·281	−25·385	0·70	...	...
...	+24·312	−20·435	− 5	...	...
...	24·708	−26·695	− 5	...	...
...	25·000	+13·648	− 5	...	...
...	25·001	+24·288	0·75	...	...
S ‡	25·019	−54·194	3·10	46.8416	7·5
551					
...	+25·359	−41·473	− 5	...	...
...	25·597	+50·804	0·90	45.8345	10·0
...	25·928	−57·111	1·00	46.8417	10·0
...	26·140	−32·253	− 3	...	...
...	26·374	−19·548	− 4	...	...
S *	+26·392	+29·608	2·55	45.8346	8·3
...	26·629	+50·450	0·90	45.8348	10·0
...	26·721	− 4·810	− 4	...	...
...	26·755	+36·479	− 3	...	...
*	26·801	+36·756	1·00	45.8347	9·8
561					
...	+26·906	+23·067	− 3	...	...
...	26·916	+ 8·036	0·80	...	...
*	27·155	−45·830	1·15	46.8418	9·4
*	27·204	+19·600	1·10	45.8349	9·2
...	27·212	−40·250	0·90	46.8419	10·0
...	+27·283	−57·683	− 4	...	...
...	27·643	−19·496	1·00	46.8420	10·0
...	27·695	+ 2·286	0·90	...	...
...	27·814	−56·068	− 4	...	...
...	27·859	+13·889	− 5	...	...

493. Brighter of Double. 45° 103, two stars.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
571–630					
571	′	′		°	
...	+27·943	+23·598	− 5	...	...
...	28·342	+23·168	− 3	...	...
...	28·440	+34·434	− 4	...	...
...	28·761	− 1·547	− 5	...	...
...	28·904	− 5·990	− 4	...	...
*	+28·959	−56·004	1·15	46.8421	9·3
*	29·034	+42·297	1·20	45.8350	9·4
...	29·288	+20·616	0·70	...	...
...	29·432	+20·836	0·70	...	...
...	29·795	+ 9·231	− 5	...	...
581					
*	+29·886	−52·826	1·05	46.8422	9·6
...	29·922	−31·807	− 2	...	...
N ‡	30·142	−36·720	4·00	46.8423	7·1
N ‡	30·175	−36·856	2·50		
...	30·323	+ 4·147	− 5	...	...
...	+30·406	−26·081	− 5	...	...
...	30·784	−12·479	− 5	...	...
...	31·518	+35·459	0·70	...	...
...	31·545	+ 2·822	− 4	...	...
...	31·804	−47·605	0·90	46.8424	10·0
591					
...	+31·834	−42·291	− 3	...	...
...	31·982	+24·730	− 5	...	...
...	32·139	−14·156	− 1	...	...
...	32·230	−51·063	− 4	...	...
...	32·362	+21·826	− 4	...	...
...	+32·415	+24·471	1·00	45.8351	9·6
...	32·644	+ 5·450	− 3	...	...
...	32·777	+ 5·392	− 5	...	...
...	32·881	−52·651	0·90	...	...
...	32·918	− 3·050	0·65	...	...
601					
...	+33·009	− 2·508	− 2	...	...
...	33·045	+ 1·769	1·00	45.8354	9·6
*	33·071	+32·076	1·00	45.8352	9·8
*	33·135	+30·017	1·00	45.8353	9·8
...	33·512	− 5·382	− 2	...	...
...	+33·835	+52·297	− 5	*m*	...
...	33·949	+36·980	− 3	...	...
...	34·216	− 7·464	− 5	...	...
...	34·293	−13·937	− 5	...	...
...	34·558	+12·870	− 4	...	...
611					
...	+34·735	+54·645	0·95	45.8355	10·0
...	34·814	−54·121	0·80	...	...
...	34·838	−52·151	0·65	...	...
...	34·852	+11·265	− 4	...	...
...	35·022	+53·285	0·95	45.8356	10·0
...	+35·154	+55·765	− 5	...	...
*	35·373	−39·151	1·00	46.8425	9·9
...	35·509	−15·806	− 1	...	...
...	35·693	+53·802	− 5	...	...
...	35·708	+34·712	− 5	...	...
621					
...	+35·885	+15·931	− 3	...	...
...	35·906	−21·794	− 4	...	...
...	35·953	−25·872	− 5	...	...
...	35·993	+10·146	− 5	...	...
*	36·079	+ 1·441	1·00	45.8357	9·6
...	+36·162	−28·576	− 4	...	...
...	36·769	−27·907	− 5	...	...
...	36·805	+39·298	− 5	...	...
...	36·813	+14·311	− 5	...	...
...	37·065	−59·543	0·65	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
631–690					
631	′	′		°	
...	+37·272	−39·126	0·65	...	...
†	37·333	+14·941	− 5	...	...
...	37·342	+23·539	− 4	...	...
...	37·396	−11·146	− 4	...	...
...	37·663	+32·008	0·70	...	...
...	+37·681	−40·503	− 5	...	...
...	37·786	−50·848	− 3	...	...
*	37·937	+15·770	1·15	45.8358	9·5
...	37·985	+51·969	− 5	...	...
†	38·490	−15·067	− 2	...	...
641					
...	+38·552	−45·016	− 2	...	...
...	38·726	+29·461	− 5	...	...
...	38·813	−42·650	− 5	...	...
...	38·881	+26·222	− 5	...	...
...	39·354	−48·265	0·70	...	...
...	+39·394	−44·536	− 5	...	...
...	39·810	−27·345	0·90	46.8426	10·0
...	40·128	−40·152	− 2	...	...
†	40·197	+ 0·284	− 5	...	...
*	40·253	−21·185	1·10	46.8427	9·5
651					
...	+40·321	−57·554	− 3	...	...
...	40·331	+40·437	− 4	...	...
*	40·509	−52·291	1·00	46.8429	10·0
...	40·643	−56·896	1·00	46.8430	10·0
...	40·707	+17·047	− 3	...	...
...	+40·726	+53·167	− 5	...	...
...	40·832	−52·137	0·95	46.8431	10·0
*	40·846	− 3·597	3·10	46.8428	7·4
...	40·872	−17·714	− 5	...	...
...	40·936	+ 8·644	− 5	*m*	...
661					
...	+41·353	+26·164	− 5	...	...
...	41·372	+28·903	− 5	*m*	...
...	41·420	+53·903	− 5	...	...
...	41·612	−46·683	− 5	...	...
...	41·711	−40·376	− 3	...	...
...	+41·747	−32·795	− 4	...	...
...	41·889	+22·445	− 5	...	...
...	41·969	+45·004	− 5	...	...
...	42·013	+50·043	− 5	...	...
...	42·053	− 8·532	0·90	...	...
671					
...	+42·219	−15·304	− 3	...	...
*	42·485	+24·286	0·95	45.8359	10·0
...	42·520	−25·719	0·90	46.8432	10·0
...	42·764	+46·541	− 5	...	...
...	42·789	−14·347	0·90	46.8433	10·0
...	+42·838	−23·834	0·90	46.8434	10·0
...	42·850	− 3·765	0·70	...	...
...	42·970	−14·732	− 2	...	...
...	43·175	−36·926	− 5	...	...
...	43·179	+38·522	− 5	...	...
681					
...	+43·182	−27·781	− 5	...	...
†	43·421	−54·915	0·95	46.8435	9·9
...	43·422	−35·435	− 2	...	...
...	43·622	−29·902	0·80	...	...
...	43·907	−29·810	− 5	*m*	...
*	+43·919	−19·131	1·25	46.8436	9·2
...	44·266	+45·225	− 5	...	...
*	44·348	−21·560	0·85	46.8437	10·0
...	44·461	−18·892	− 2	...	...
...	44·540	−17·335	0·85	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
691–750					
691	′	′		°	
...	+44·579	−38·039	1·00	46.8438	9·9
...	44·653	−11·025	0·85	...	...
...	44·673	+34·247	− 5	...	...
...	44·766	+15·391	0·75	...	...
...	44·800	−19·927	− 5	*e*	...
...	+44·817	+ 1·067	− 5	...	...
...	45·289	+22·896	1·00	45.8360	10·0
...	45·495	− 7·812	− 3	...	...
...	45·812	−33·290	− 5	...	...
...	46·135	+37·024	− 2	...	...
701					
...	+46·273	−30·899	− 5	...	...
...	46·302	+36·932	1·00	45.8361	10·0
...	46·385	−36·937	0·85	...	...
...	46·428	+ 7·342	− 4	...	...
...	46·579	+45·092	− 3	...	...
...	+46·750	−11·559	0·70	...	...
...	46·845	−20·691	− 4	...	...
*	46·923	− 9·872	0·95	...	...
...	46·934	+ 9·355	0·70	...	...
...	46·955	− 6·144	− 4	...	...
711					
...	+47·083	+13·156	− 5	*m*	...
...	47·121	+13·029	− 4	...	...
S ‡	47·176	+14·859	2·95	45.8363	8·0
*	47·190	− 4·331	2·80	46.8439	8·4
...	47·237	−27·824	− 5	...	...
*	+47·347	+34·067	1·20	45.8362	9·1
*	47·399	−23·337	1·00	46.8440	9·6
...	47·560	+18·992	0·85	...	...
*	47·753	+ 9·390	1·00	45.8365	9·5
*	47·795	+57·642	1·30	45.8364	9·6
721					
...	+47·814	−17·443	0·75	46.8441	10·0
...	47·867	−27·820	− 2	...	...
...	47·919	+47·976	− 3	...	...
...	47·932	+31·165	− 5	...	...
...	47·965	−57·303	− 1	46.8442	10·0
...	+48·110	−54·384	− 5	...	...
...	48·204	− 7·794	− 5	...	...
*	48·208	+49·556	1·70	45.8366	8·8
...	48·286	+32·445	− 3	...	...
...	48·418	− 6·480	− 2	...	...
731					
...	+48·433	+ 3·373	− 5	...	...
...	48·777	−56·853	− 3	...	...
...	48·800	− 1·122	− 5	...	...
...	49·063	+10·013	− 3	...	...
...	49·118	+46·149	− 5	...	...
...	+49·128	+57·628	− 5	...	...
...	49·554	−18·446	− 2	...	...
*	50·013	+55·573	1·40	45.8367	9·1
†	50·061	−16·742	− 4	...	...
...	50·236	−13·629	− 2	...	...
741					
...	+50·269	+ 4·814	− 4	...	...
...	50·449	−48·772	− 3	...	...
...	50·498	+ 5·027	0·65	...	...
...	50·513	+21·346	− 5	...	...
...	50·636	−34·872	− 5	...	...
...	+50·706	−27·485	− 3	...	...
...	50·752	+10·365	0·70	...	...
*	50·765	−15·703	1·00	46.8443	9·8
...	50·766	− 1·765	− 5	...	...
...	50·825	−31·290	0·90	46.8444	10·0

583, 584. 47°103, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
751–780					
751					
...	+50·912	−44·343	− 1	...	...
...	50·922	+40·307	− 5	...	...
...	51·092	+14·050	− 4	...	...
...	51·103	+10·819	− 4	...	...
*	51·319	−25·716	1·50	46.8446	9·1
*	+51·512	− 4·000	1·60	46.8445	9·0
...	51·777	−12·887	− 4	...	...
...	51·836	+17·058	0·75	...	...
...	51·842	−19·127	− 4	...	...
...	52·075	+ 9·956	0·95	45.8368	10·0
761					
...	+52·150	−22·047	− 4	...	...
...	52·437	−32·536	− 1	...	...
...	52·567	+21·440	− 5	...	...
...	52·623	+ 5·022	− 3	...	...
...	52·628	+40·767	− 3	...	...
...	+52·746	−49·530	− 5	...	...
...	52·991	+11·774	− 3	...	...
...	53·490	+32·440	0·80	45.8369	10·0
...	53·594	+ 4·725	− 4	...	...
...	53·742	+48·608	− 1	45.8370	10·0
771					
...	+53·869	− 9·344	− 5	...	...
...	53·897	+ 5·444	− 5	...	...
...	53·986	− 5·235	− 5	...	...
...	54·031	+17·800	− 2	...	...
...	54·058	− 4·140	0·80	46.8447	10·0
...	+54·076	− 8·334	− 5	...	...
...	54·147	+11·477	− 4	...	...
...	54·229	+ 7·466	− 5	*e*	...
...	54·232	+47·007	− 5	...	...
...	54·293	− 1·611	0·75	...	...
781–810					
781					
...	+54·510	+10·304	− 4	...	...
...	54·799	+27·765	− 3	...	...
...	54·994	+ 7·668	− 3	...	...
...	55·035	−41·543	0·70	...	...
†	55·141	+ 6·926	0·75	...	...
...	+55·225	+12·655	0·70	...	...
...	55·400	+33·674	− 4	...	...
*	55·521	−31·573	1·25	46.8448	9·5
...	55·542	−18·602	− 4	...	...
...	55·876	+37·926	− 4	...	...
791					
...	+55·987	+ 2·089	− 5	...	...
S *	56·321	−19·443	2·00	46.8449	8·6
...	56·525	+43·829	− 4	...	...
...	56·635	−31·001	− 3	...	...
...	56·733	+50·959	− 5	...	...
...	+56·813	−20·592	− 2	...	...
...	56·954	−53·009	− 5	...	...
...	56·957	− 2·557	− 5	*e*	...
*	57·687	− 5·874	1·00	46.8450	9·9
...	57·962	−32·913	− 4	...	...
801					
...	+57·998	−50·985	− 5	...	...
...	58·098	−21·450	0·90	46.8451	10·0
...	58·133	−34·916	− 5	*m*	...
...	58·176	−20·727	0·65	...	...
...	58·293	−22·020	− 5	*e*	...
...	+58·350	−37·461	0·85	...	...
...	58·435	−10·378	0·70	...	...
...	58·499	−25·927	− 5	...	...
...	58·577	+ 0·120	0·90	45.8371	10·0
...	58·577	−35·275	− 5	...	...
811–822					
811					
...	+58·691	−17·102	− 5	...	...
...	58·693	−31·352	− 2	...	...
...	58·717	−26·893	0·65	...	...
...	58·816	−38·475	− 1	...	...
...	58·946	−38·905	− 5	...	...
*	+59·135	+18·022	1·00	45.8373	9·6
*	59·162	+31·265	1·15	45.8372	9·6
...	59·256	−38·152	− 1	...	...
...	59·288	+36·926	− 4	...	...
*	59·430	+13·516	1·15	45.8374	9·5
821					
...	+59·431	+57·775	− 1	44.8294	10·0
...	59·920	+ 2·735	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
1–20					
I					
†	−59·961	+15·167	0·70	...	...
*	59·708	−19·367	1·20	46.8436	9·2
...	59·688	−35·677	− 3	...	...
...	59·680	−30·155	− 3	...	...
...	59·661	+22·681	0·95	45.8360	10·0
...	−59·459	+ 0·865	− 5	...	...
...	59·261	+36·817	− 4	...	...
...	59·239	−11·249	0·90	...	...
*	59·220	−21·784	1·00	46.8437	10·0
...	59·181	−19·111	− 4	...	...
II					
...	−59·150	−17·557	0·90	...	...
...	59·092	+36·729	− 1	45.8361	10·0
...	59·078	−55·169	− 1	46.8435	9·9
...	59·072	+44·898	− 4	...	...
...	58·809	−20·142	− 5	E	...
...	−58·494	− 8·012	− 3	...	...
...	58·461	−38·245	1·00	46.8438	9·9
*	58·249	+57·473	1·40	45.8364	9·6
...	58·045	+ 7·161	− 5	...	...
*	57·965	+33·905	1·35	45.8362	9·1
21–40					
21					
...	−57·930	− 0·234	− 5	M	...
...	57·822	+47·821	− 3	...	...
...	57·598	+ 9·187	0·90	...	...
*	57·582	+49·414	1·90	45.8366	8·8
...	57·516	+12·870	− 4	...	...
S *	−57·510	+14·706	2·60	45.8363	8·0
...	57·273	+18·838	0·95	...	...
...	57·129	−11·717	0·80	...	...
...	57·086	− 6·290	− 3	...	...
...	57·006	−10·024	0·95	...	...
31					
...	−56·967	+32·307	− 4	...	...
...	56·928	+57·509	− 5	...	...
*	56·882	− 4·461	2·00	46.8439	8·4
*	56·767	+ 9·257	1·00	45.8365	9·5
...	56·739	−20·848	− 4	...	...
...	−56·691	−37·093	− 2	...	...
...	56·576	+46·042	− 5	...	...
*	56·103	−23·472	1·00	46.8440	9·6
*	55·966	+55·478	1·60	45.8367	9·1
...	55·896	+ 3·260	− 5	...	...
41–60					
41					
...	−55·868	−17·560	0·90	46.8441	10·0
...	55·797	− 7·906	− 5	...	...
...	55·612	− 6·584	− 1	...	...
...	55·494	−27·931	− 3	...	...
...	55·493	+ 9·920	− 4	...	...
...	−55·397	− 1·229	− 5	...	...
...	55·065	+30·160	− 5	...	...
...	54·602	+40·241	− 5	...	...
...	54·458	−57·408	0·65	46.8442	10·0
...	54·406	−54·492	− 5	...	...
51					
...	−54·386	+21·289	− 5	...	...
...	54·124	+ 4·758	− 3	...	...
...	54·112	−18·513	− 2	...	...
...	53·890	+ 4·977	0·80	...	...
...	53·810	+10·317	0·80	...	...
...	−53·684	−56·933	− 4	...	...
...	53·657	−16·792	− 1	...	...
...	53·590	+14·003	− 4	...	...
...	53·564	−13·682	− 3	...	...
...	53·480	+10·776	− 3	...	...

L measured from 1, 93, 178, 288, 422, 526, 651, 757, 854, 961, 1092, 1235.
C ,, ,, 48, 128, 228, 351, 471, 590, 703, 800, 900, 1022, 1153, 1295.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
61–120					
61				°	
...	−53′408	− 1′811	− 5	...	...
*	52·974	−15·732	1·10	46.8443	9·8
...	52·931	+17·048	0·70	...	...
...	52·894	+40·762	− 3	...	...
...	52·674	−27·526	− 3	...	...
*	−52·596	− 4·024	1·50	46.8445	9·0
*	52·472	+ 9·953	0·95	45.8368	10·0
...	52·431	−31·310	0·90	46.8444	10·0
...	52·340	+21·447	− 5	...	...
...	52·260	−48·807	− 4	...	...
71					
...	−52·216	+49·172	− 5	M	...
*	52·089	−25·639	1·40	46.8446	9·1
...	52·062	−12·885	− 3	...	...
...	52·021	+48·634	− 2	45.8370	10·0
...	51·923	−44·360	− 1	...	...
...	−51·792	−19·123	− 3	...	...
...	51·778	+ 5·041	0·70	...	...
...	51·769	+32·462	0·85	45.8369	10·0
...	51·628	+11·798	− 3	...	...
...	51·486	+47·047	− 5	...	...
81					
...	−51·399	−22·030	− 4	...	...
...	50·801	+ 4·771	− 3	...	...
...	50·778	−32·504	− 3	...	...
...	50·766	+17·852	0·65	...	...
...	50·514	+ 5·495	− 5	...	...
...	−50·456	+11·532	− 2	...	...
...	50·324	+27·834	− 2	...	...
...	50·246	+ 7·527	− 5	E	...
...	50·094	− 5·172	− 3	...	...
...	50·092	− 9·282	− 5	...	...
91					
†	−50·058	− 4·078	0·70	46.8447	10·0
†	50·054	+10·369	− 3	...	...
...	49·907	+33·756	− 4	...	...
...	49·904	− 8·258	− 5	...	...
...	49·884	− 1·535	0·85	...	...
...	−49·788	+38·794	− 5	M	...
...	49·561	+38·025	− 4	...	...
...	49·485	+ 7·749	− 1	...	...
...	49·403	+12·751	0·75	...	...
...	49·329	+ 7·021	0·90	...	...
101					
...	−49·107	+51·079	− 5	...	...
...	49·094	+43·930	− 3	...	...
...	48·693	−24·945	− 5	...	...
...	48·313	+ 2·210	− 5	...	...
...	48·110	−18·487	− 4	...	...
...	−47·895	−41·427	− 4	...	...
...	47·724	−14·088	− 5	...	...
*	47·716	−31·444	1·05	46.8448	9·5
...	47·489	+42·455	− 5	...	...
S *	47·300	−19·300	2·00	46.8449	8·6
111					
...	−47·246	+23·553	− 5	...	...
...	47·211	− 2·398	− 5	E	...
...	46·774	−20·421	0·75	...	...
...	46·632	−30·846	− 4	...	...
...	46·630	+57·967	− 1	44.8294	10·0
*	−46·365	− 5·685	1·00	46.8450	9·9
...	46·118	+37·130	− 3	...	...
*	46·065	+31·473	1·00	45.8372	9·6
*	45·669	+18·242	1·00	45.8373	9·6
...	45·659	+ 0·322	0·85	45.8371	10·0

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
121–180					
121				°	
...	−45′598	−52′835	− 5	...	...
...	45·474	−10·166	0·80	...	...
...	45·472	−21·253	0·90	46.8451	10·0
...	45·422	−20·525	0·70	...	...
...	45·251	−32·709	− 4	...	...
...	−45·238	−21·816	− 5	E	...
*	45·224	+13·746	1·00	45.8374	9·5
...	44·933	−25·709	− 4	...	...
...	44·894	+50·528	− 3	...	...
...	44·715	−37·240	0·80	...	...
131					
...	−44·693	+35·755	0·90	45.8376	10·0
...	44·683	−26·660	− 2	...	...
...	44·673	+49·167	− 5	...	...
...	44·620	−50·768	− 5	...	...
...	44·572	−31·127	− 2	...	...
...	−44·552	−35·057	− 4	...	...
*	44·537	+14·693	1·00	45.8375	9·8
...	44·409	+ 2·982	− 4	...	...
...	44·255	+20·194	− 5	...	...
...	44·216	−38·245	− 1	...	...
141					
...	−44·055	−38·651	− 4	...	...
...	44·050	+58·119	0·90	44.8297	10·0
...	43·932	+54·626	− 1	...	...
...	43·917	+41·509	− 4	...	...
...	43·860	+44·734	− 5	M	...
...	−43·775	−37·899	0·70	...	...
...	43·326	− 7·860	− 4	...	...
...	43·174	−23·547	− 5	...	...
...	43·173	−23·488	− 5	...	...
...	43·016	−14·206	− 3	...	...
151					
...	−42·719	+ 1·644	− 3	...	...
...	42·693	−16·545	− 5	M	...
...	42·681	−26·668	− 5	...	...
...	42·618	+40·391	− 5	...	...
...	42·478	+16·583	− 5	...	...
...	−42·439	− 9·532	0·70	...	...
...	42·323	+52·460	− 5	...	...
...	42·012	−42·761	0·70	...	...
...	41·978	+51·131	− 3	...	...
*	41·920	−21·604	1·00	46.8452	10·0
161					
...	−41·651	−33·480	− 5	...	...
...	41·492	+31·526	− 5	...	...
...	41·339	+46·254	0·80	...	...
...	41·242	− 7·234	− 3	...	...
...	41·163	−12·319	− 3	...	...
...	−41·149	−13·174	− 4	...	...
...	40·608	+ 1·965	− 4	...	...
*	40·577	−44·319	1·20	46.8453	9·5
...	40·435	+ 1·300	− 4	...	...
...	40·285	+24·816	− 2	...	...
171					
...	−40·233	− 9·292	− 4	...	...
...	40·225	−59·691	− 5	...	...
...	40·192	−37·698	0·70	...	...
...	40·159	+22·267	− 2	...	...
...	40·156	+18·444	0·70	45.8377	10·0
...	−40·096	+30·726	0·70	...	...
‡	40·033	+39·853	1·60	45.8378	9·0
...	39·891	+27·720	− 5	...	...
*	39·887	−37·442	1·00	46.8454	9·8
...	39·838	+34·743	− 3	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
181–240					
181				°	
...	−39′811	+23′935	− 5	...	...
...	39·548	+27·929	− 4	...	...
...	39·480	−13·059	− 5	...	...
...	39·480	−21·885	0·75	...	...
...	39·469	+25·781	− 5	...	...
...	−39·329	−44·337	− 4	...	...
...	39·162	−16·479	0·90	...	...
...	39·102	− 5·969	− 4	...	...
...	39·060	+46·073	− 5	...	...
...	38·882	+13·409	− 4	...	...
191					
...	−38·858	+45·813	− 4	...	...
...	38·856	+ 0·701	− 5	M	...
*	38·760	+20·369	0·95	45.8379	10·0
...	38·667	+32·243	− 2	...	...
...	38·427	− 9·117	− 5	...	...
...	−38·373	+36·780	− 5	...	...
†	38·052	+15·082	− 5	M	...
...	38·014	+55·578	− 5	...	...
...	37·829	+12·216	− 5	...	...
...	37·763	−48·787	− 4	...	...
201					
...	−37·694	+12·484	0·75	...	...
...	37·535	+26·491	0·90	45.8380	10·0
...	37·466	+20·832	− 5	...	...
...	37·411	−37·209	0·70	...	...
...	37·388	+10·510	− 5	...	...
...	−37·375	−18·689	− 5	...	...
...	37·143	−26·463	0·65	...	...
...	37·109	− 5·552	0·90	46.8455	10·0
...	37·066	−51·219	− 1	...	...
*	36·849	+16·529	1·00	45.8381	9·6
211					
...	−36·807	−25·361	0·65	...	...
...	36·718	+55·631	− 4	...	...
...	36·543	+ 1·854	− 5	...	...
...	36·506	+ 1·810	− 5	...	...
...	36·489	+31·359	− 4	...	...
...	−36·393	−37·884	0·85	...	...
...	36·107	−25·400	0·65	...	...
...	35·977	+ 8·022	− 4	...	...
...	35·794	+28·374	− 5	...	...
...	35·708	−31·065	− 5	...	...
221					
...	−35·674	−11·596	0·70	...	...
...	35·611	+34·669	− 4	...	...
...	35·492	+34·849	− 5	...	...
...	35·468	+26·305	− 5	...	...
...	35·447	+54·568	− 4	...	...
...	−35·184	+ 9·623	− 5	...	...
‡	35·082	+27·476	0·95	45.8382	10·0
...	34·827	−25·921	− 5	...	...
...	34·802	+45·812	− 4	...	...
...	34·776	−51·384	− 5	...	...
231					
...	−34·719	−37·311	− 4	...	...
...	34·645	+27·961	− 4	...	...
...	34·613	−58·160	− 5	...	...
...	34·493	−36·366	− 5	...	...
...	34·416	+30·628	− 3	...	...
...	−34·391	− 6·009	− 4	...	...
N [	34·308	−44·023	− 5	...	...
N [	34·272	−43·980	− 2	...	...
...	34·099	−21·324	− 3	...	...
...	34·088	+33·306	− 5	...	...

237, 238. 47°103, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
241–300					
241					
...	−33·966	−33·646	− 5	...	...
*	33·949	−41·012	1·15	46.8456	9·6
...	33·785	−37·447	0·90	46.8457	10·0
...	33·738	+12·270	− 3	...	...
...	33·540	−27·551	− 2	...	...
...	−33·521	+27·432	− 5	...	...
...	33·513	+23·816	0·80	45.8383	10·0
S *	33·457	+47·082	2·00	45.8384	8·2
...	33·201	−41·199	− 4	...	...
...	33·183	− 2·389	− 4	...	...
251					
*	−32·774	+ 5·943	2·00	45.8385	8·5
...	32·702	+59·577	0·95	44.8304	10·0
...	32·673	+30·881	− 2	...	...
...	32·657	+33·568	0·70	...	...
...	32·626	+26·048	− 4	...	...
...	−32·603	+32·343	− 5	M	...
...	32·571	−41·482	− 4	...	...
...	32·517	−13·005	0·70	...	...
...	32·502	+ 5·372	0·65	...	...
*	32·388	+40·142	1·50	45.8386	8·7
261					
...	−32·304	− 8·136	− 5	M	...
...	32·271	+22·544	− 4	...	...
...	32·217	+58·666	− 4	...	...
...	31·998	− 2·478	− 3	...	...
...	31·859	+13·327	− 5	M	...
...	−31·857	+28·782	− 5	M	...
...	31·851	+ 0·233	− 4	...	...
...	31·792	+55·957	1·15	45.8387	9·6
...	31·700	−49·635	− 5	M	...
...	31·678	+31·023	− 1	...	...
271					
...	−31·582	+56·988	0·70	...	...
...	31·568	−43·812	0·90	46.8459	9·8
...	31·542	− 4·837	− 4	A	...
...	31·379	+10·495	− 4	...	...
...	31·316	+39·555	− 5	...	...
...	−31·210	− 2·443	− 3	...	...
...	30·971	+14·661	− 3	...	...
*	30·899	+ 9·286	1·20	45.8388	9·4
...	30·708	−26·669	− 3	...	...
...	30·564	+50·784	− 5	...	...
281					
...	−30·542	+51·543	− 5	...	...
...	30·379	−11·711	− 5	...	...
...	30·249	+11·585	− 4	...	...
...	30·246	−30·723	− 3	...	...
...	30·245	+25·935	− 3	...	...
...	−30·191	−13·146	− 4	...	...
...	30·158	−17·549	− 4	...	...
†	30·044	+ 1·402	− 5	...	...
...	29·847	−13·743	0·70	...	...
*	29·562	+51·900	1·00	45.8389	9·8
291					
*	−29·396	+57·845	1·00	45.8390	9·6
...	29·339	+45·305	− 5	M	...
...	29·312	+43·941	− 5	...	...
...	29·191	−24·968	− 5	...	...
...	29·174	−28·229	− 5	...	...
...	−28·930	+13·407	− 5	...	...
* [	28·736	+39·051	1·10	45.8391	8·5
* [	28·704	+38·966	1·40		
* [	28·726	+41·684	1·00	45.8392	9·8
*	28·707	+47·052	1·10	45.8393	9·2
301–360					
301					
...	−28·699	+25·906	− 5	...	...
...	28·693	−26·876	− 5	...	...
...	28·682	−48·540	− 3	...	...
...	28·494	+30·697	− 5	...	...
...	28·488	− 7·195	− 5	...	...
...	−28·188	+ 4·051	− 4	...	...
...	28·187	+49·332	− 4	...	...
N	28·019	+43·486	− 3	...	...
...	27·980	+43·965	− 4	...	...
...	27·974	+10·926	− 5	...	...
311					
...	−27·868	− 5·308	− 5	...	...
...	27·788	+ 3·092	− 5	M	...
...	27·758	− 6·673	− 5	...	...
...	27·693	− 8·985	− 5	...	...
...	27·597	−17·399	− 5	...	...
...	−27·569	+34·411	− 5	...	...
...	27·555	+28·217	0·70	...	...
...	27·522	− 7·159	− 4	...	...
...	27·510	+ 3·987	− 5	M	...
...	27·347	−10·481	− 5	...	...
321					
...	−27·083	+32·128	0·80	45.8395	10·0
*	27·012	+ 7·355	1·00	45.8394	9·4
...	26·990	−22·075	− 5	M	...
*	26·892	−22·260	1·00	46.8460	9·4
...	26·850	+ 1·932	− 1	...	...
...	−26·838	−39·510	− 5	M	...
...	26·691	− 6·058	0·75	...	...
...	26·631	+25·435	− 5	M	...
...	26·390	−48·729	− 4	...	...
...	26·384	−13·967	− 5	...	...
331					
...	−26·341	+43·069	− 5	...	...
...	26·321	−17·323	− 5	...	...
...	26·290	−38·490	0·80	46.8461	10·0
...	26·234	+15·999	− 5	...	...
...	26·231	−16·105	− 5	...	...
...	−26·110	+52·689	− 1	...	...
...	26·025	− 1·190	− 5	...	...
...	26·021	−44·296	− 5	...	...
*	25·950	−55·166	1·00	46.8463	9·6
...	25·908	−59·559	− 1	46.8462	10·0
341					
*	−25·901	+34·185	1·00	45.8397	9·6
*	25·878	+11·527	1·00	45.8396	10·0
...	25·824	+47·167	1·00	45.8398	9·8
...	25·724	−35·927	− 5	...	...
*	25·637	+24·817	0·90	45.8399	10·0
...	−25·572	+30·607	0·90	...	...
...	25·474	− 2·890	− 5	...	...
...	25·439	−57·174	− 5	...	...
...	25·265	+40·953	− 4	...	...
...	25·208	−54·687	− 5	...	...
351					
...	−24·862	+ 5·820	0·70	...	...
...	24·824	+32·014	− 5	...	...
...	24·721	−45·223	− 4	...	...
...	24·709	− 4·798	− 5	...	...
†	24·672	−49·734	0·70	...	...
...	−24·585	− 2·429	− 5	...	...
...	24·504	+31·227	− 3	...	...
...	24·459	+12·899	− 3	...	...
...	24·396	−55·143	− 3	...	...
...	24·366	+32·516	− 5	...	...
361–420					
361					
...	−24·350	+31·034	− 2	...	...
...	24·339	+52·174	− 4	...	...
...	24·253	+33·654	− 5	M	...
...	23·908	−43·463	− 5	...	...
...	23·881	+35·874	− 3	...	...
...	−23·874	−40·103	− 4	...	...
...	23·872	+38·217	− 3	...	...
S *	23·712	+14·308	3·00	45.8400	7·5
...	23·697	+16·336	− 4	...	...
...	23·688	+ 6·758	− 5	M	...
371					
...	−23·649	−36·650	− 3	...	...
...	23·606	−10·189	− 5	M	...
...	23·584	+ 0·907	0·70	45.8401	10·0
...	23·513	+ 6·742	− 4	...	...
...	23·506	−57·125	− 5	...	...
...	−23·374	−26·328	− 3	...	...
...	23·293	−14·569	− 5	...	...
...	23·285	− 2·899	− 3	46.8465	10·0
...	23·260	+16·980	− 4	...	...
...	23·161	+41·685	− 5	...	...
381					
...	−23·107	+42·466	− 5	B	...
...	23·066	+41·373	− 4	A	...
...	23·033	−45·742	− 4	...	...
...	22·901	+20·541	− 5	...	...
...	22·776	−20·562	− 5	M	...
‡	−22·560	−24·876	1·00	46.8466	9·4
...	22·522	+41·652	− 2	...	...
...	22·504	−25·435	− 3	A	...
...	22·425	+10·728	− 4	...	...
...	22·350	+36·090	0·65	...	...
391					
*	−22·302	−28·011	2·20	46.8467	8·5
...	22·301	+44·016	− 4	...	...
...	22·174	−40·231	− 4	...	...
...	22·121	+46·372	− 4	...	...
...	22·081	+35·170	− 5	M	...
...	−21·966	+25·580	− 3	...	...
...	21·893	+37·113	0·70	...	...
...	21·832	+24·702	0·80	45.8402	10·0
...	21·808	+26·500	0·65	...	...
...	21·700	+46·225	0·70	...	...
401					
*	−21·567	+25·702	0·90	45.8403	9·9
...	21·463	+10·770	− 5	...	...
...	21·334	− 5·978	− 4	...	...
...	21·306	− 2·367	− 4	...	...
...	21·305	−21·509	− 3	...	...
...	−21·267	+43·318	− 3	...	...
...	21·251	+35·807	− 5	...	...
...	21·208	+59·835	− 5	...	...
...	20·972	+23·817	0·85	45.8404	10·0
...	20·963	−19·749	− 3	...	...
411					
...	−20·942	+17·863	− 5	M	...
...	20·839	+17·951	− 5	...	...
...	20·680	−16·135	0·65	46.8468	10·0
...	20·561	+16·922	− 4	...	...
...	20·533	+22·230	− 5	...	...
...	−20·514	− 8·055	0·70	46.8469	10·0
...	20·510	+ 5·221	0·90	45.8405	9·9
...	20·410	−47·186	− 3	...	...
...	20·391	+29·196	− 4	A	...
...	20·372	+21·775	0·70	...	...

308. Partly obscures 2nd image of 309.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
421–480					
421	′	′	°		
...	−20·250	+19·283	− 4	...	...
...	19·909	+53·522	− 5	...	...
...	19·809	− 8·134	0·75	...	...
†	19·751	+19·993	0·90	45.8406	10·0
...	19·634	−27·306	0·75	...	...
...	−19·612	+ 3·727	− 5	...	...
...	19·583	+47·605	− 2	...	...
...	19·531	−58·224	− 2	...	...
...	19·464	+49·683	− 2	...	...
...	19·369	−17·538	− 4	...	...
431					
...	−19·194	+ 4·031	0·90	45.8407	10·0
...	19·126	−45·082	− 5	...	...
...	18·798	+27·832	− 5	M	...
*	18·737	+12·912	1·00	45.8408	9·6
*	18·526	+21·699	1·80	45.8409	8·9
...	−18·459	− 8·097	− 5	...	...
S *	18·409	−43·856	1·60	46.8470	8·9
...	18·389	−33·526	− 5	...	...
...	18·386	+19·780	− 5	...	...
...	18·349	+17·336	− 4	...	...
441					
...	−18·105	+23·079	0·70	...	...
...	18·001	−14·219	− 2	...	...
...	17·999	−13·053	− 5	...	...
...	17·949	− 6·745	0·75	...	...
...	17·789	−11·390	− 5	M	...
*	−17·706	+45·051	1·00	45.8410	9·6
...	17·537	+45·072	− 5	M	...
†	17·482	+30·060	− 5	...	...
*	17·481	+47·116	1·00	45.8411	9·4
...	17·377	−36·028	− 5	...	...
451					
...	−17·315	+12·480	0·75	...	...
...	17·175	−17·699	0·90	46.8471	10·0
...	17·167	+26·466	− 4	...	...
*	16·872	−54·319	1·10	46.8472	9·4
*	16·858	+31·979	1·00	45.8412	9·8
...	−16·809	+ 1·868	− 5	...	...
...	16·642	+ 2·615	− 5	...	...
...	16·594	−43·301	0·70	...	...
...	16·551	−14·694	− 5	...	...
...	16·495	+47·295	0·95	...	...
461					
...	−16·343	−39·580	− 5	...	...
*	16·036	+12·255	1·80	45.8413	8·8
...	15·987	+27·209	− 5	...	...
...	15·773	+52·650	− 3	...	...
...	15·660	+29·737	0·90	45.8414	10·0
S *	−15·523	−13·319	3·00	46.8474	7·8
...	15·501	+31·985	− 2	...	...
...	15·397	−12·300	− 5	...	...
...	15·362	−31·086	− 3	...	...
...	15·242	+50·647	− 5	...	...
471					
‡	−15·061	+ 4·032	1·00	45.8415	9·8
...	15·001	+47·823	− 3	...	...
...	14·946	+39·173	− 2	...	...
...	14·829	+40·175	− 4	...	...
...	14·802	+46·131	− 5	...	...
...	−14·781	+21·753	− 4	...	...
...	14·578	+34·643	− 4	...	...
...	14·454	−41·869	− 5	...	...
...	14·371	−56·378	− 3	...	...
...	14·361	−44·360	0·90	46.8475	9·9
481–540					
481	′	′	°		
...	−14·301	+16·688	− 5	...	...
...	14·272	−29·426	− 3	...	...
...	14·216	+ 2·039	− 4	...	...
*	14·197	+26·610	1·20	45.8416	9·3
...	14·131	+37·086	− 4	...	...
...	−14·023	+ 6·230	− 5	M	...
*	13·991	+52·447	1·00	45.8417	9·9
...	13·981	−42·077	− 3	...	...
...	13·975	+ 7·213	0·70	...	...
...	13·881	−39·871	− 4	...	...
491					
...	−13·874	−10·392	− 3	...	...
...	13·714	+37·840	− 3	...	...
...	13·667	+34·924	− 4	...	...
...	13·487	− 2·200	− 5	M	...
...	13·408	+21·884	− 4	...	...
*	−13·346	+31·728	1·00	45.8418	9·6
...	13·284	+38·972	− 4	...	...
†	12·997	− 4·870	0·70	...	...
†	12·770	− 4·919	− 5	...	...
...	12·661	+36·754	− 2	...	...
501					
...	−12·640	−34·642	− 5	...	...
...	12·621	+29·478	0·70	45.8419	10·0
...	12·544	−20·696	− 2	...	...
...	12·507	− 3·543	0·90	46.8476	10·0
...	12·467	+ 9·456	− 5	M	...
...	−12·460	+ 2·330	− 4	...	...
...	12·218	+34·630	− 4	...	...
...	12·213	−32·786	− 1	...	...
...	12·151	− 1·862	0·95	46.8478	9·9
...	12·148	+ 1·101	− 4	...	...
511					
...	−11·803	+37·084	− 5	...	...
*	11·770	+14·141	1·00	45.8420	9·6
...	11·747	+15·545	− 5	...	...
...	11·501	− 0·547	− 4	...	...
...	11·405	−35·886	− 3	...	...
...	−11·331	+39·090	− 5	...	...
...	11·256	− 1·572	− 3	...	...
...	10·991	+ 1·902	− 5	...	...
...	10·801	+31·726	− 3	...	...
...	10·732	−36·300	− 4	...	...
521					
*	−10·667	−31·438	1·10	46.8479	9·6
...	10·508	+14·532	− 4	...	...
*	10·440	−14·664	1·00	46.8480	9·6
...	10·389	−36·166	− 5	...	...
...	10·280	−23·032	− 2	...	...
...	−10·028	−54·889	− 1	...	...
...	9·957	− 8·400	0·75	...	...
*	9·957	−41·640	1·00	46.8481	10·0
...	9·830	−43·640	− 3	...	...
...	9·809	+49·134	− 5	M	...
531					
...	− 9·803	+40·607	− 5	...	...
...	9·783	− 3·870	0·70	...	...
...	9·756	+19·003	− 5	...	...
...	9·719	+28·827	− 4	...	...
...	9·696	−50·281	− 4	...	...
...	− 9·655	−14·160	− 2	...	...
...	9·611	+24·329	0·65	...	...
...	9·579	−18·785	− 5	...	...
...	9·473	−34·619	− 2	...	...
*	9·343	− 2·924	1·00	46.8483	9·6
541–600					
541	′	′	°		
...	− 9·328	−20·211	− 2	...	...
...	9·196	+41·021	− 4	...	...
...	9·110	+30·356	− 5	...	...
*	9·106	−48·136	1·10	46.8482	9·5
...	8·993	− 8·258	− 5	...	...
...	− 8·880	+50·190	0·80	45.8421	10·0
...	8·838	−19·803	0·70	...	...
...	8·811	+37·298	− 5	...	...
...	8·779	− 1·556	− 4	...	...
...	8·526	+55·588	− 5	...	...
551					
...	− 8·496	− 8·643	− 4	...	...
...	8·438	+25·374	− 4	...	...
*	8·259	− 0·369	1·00	45.8422	9·5
*	8·189	+ 5·695	1·80	45.8423	8·6
*	8·173	−54·261	1·00	46.8484	9·8
†	− 8·076	+49·902	− 4	...	...
*	8·032	− 5·331	1·10	46.8485	9·4
...	7·896	+58·385	− 5	...	...
...	7·884	+27·248	0·80	...	...
*	7·838	+41·111	0·85	45.8424	10·0
561					
†	− 7·754	+15·089	− 4	*m*	...
...	7·723	−24·020	0·85	46.8486	10·0
...	7·592	−47·696	0·75	...	...
...	7·581	−59·423	− 4	*m*	...
...	7·537	− 2·354	− 5	M *m*	...
*	− 7·370	−23·676	1·00	46.8487	10·0
...	7·122	−59·297	− 5	*m*	...
...	6·907	+41·191	0·70	...	...
...	6·901	+18·379	− 5	*m*	...
...	6·796	+ 0·750	− 5	*m*	...
571					
...	− 6·717	+16·524	− 5	*m*	...
...	6·540	+ 9·228	− 5	*m*	...
*	6·202	+ 2·997	1·00	45.8425	9·6
...	5·990	+50·139	− 3	...	...
...	5·983	+ 1·040	0·70	*m*	...
*	− 5·939	−37·653	0·95	46.8488	10·0
*	5·841	+ 8·399	1·00	45.8426	9·6
...	5·758	+33·466	− 5	M *m*	...
...	5·758	−11·212	0·70	*a*	...
*	5·747	+36·696	1·00	45.8428	9·8
581					
...	− 5·730	−40·270	− 4	*m*	...
*	5·719	+16·580	2·00	45.8427	8·6
...	5·709	+14·897	− 5	*m*	...
...	5·488	−39·040	0·85	...	...
...	5·468	−21·684	− 5	*m*	...
...	− 5·439	−13·043	0·70	*b*	...
...	5·396	−36·796	− 5	*m*	...
†	5·224	−28·584	0·95	46.8489	10·0
†	5·152	−20·797	− 5	*m*	...
...	5·072	−17·479	− 5	*m*	...
591					
*	− 4·975	−31·604	1·00	46.8490	9·6
*	4·966	+33·172	1·00	45.8429	9·8
...	4·957	+48·455	0·70	...	...
...	4·898	+35·370	− 4	*m*	...
...	4·849	−35·299	− 5	*m*	...
...	− 4·440	+28·492	− 4	...	...
...	4·430	+38·302	− 3	...	...
*	4·425	−52·197	1·20	46.8491	9·6
*	4·419	−39·918	1·40	46.8492	8·8
N	4·176	−10·139	− 3	...	...

600, 601. 47°103, two stars ; 47°104, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
601-660					
601					
N	− 4·153	−10·215	1·00	46.8493	9·8
...	4·105	− 5·904	0·90	46.8494	10·0
...	4·032	−33·062	− 4	*m*	...
...	3·881	+23·571	− 3	...	...
...	3·842	+ 5·935	− 5	*m*	...
...	− 3·826	+53·519	0·80	...	...
...	3·689	+18·482	− 4	*m*	...
...	3·685	+13·826	− 4	*m*	...
...	3·665	+26·332	− 5	*m*	...
...	3·653	+49·361	− 3	...	...
611					
...	− 3·544	+31·021	− 5	*m*	...
...	3·450	−32·322	− 5	*m*	...
...	3·337	+30·774	− 5	*m*	...
N	3·255	+36·496	− 4	...	...
...	3·234	+32·193	− 3	...	...
*	− 3·222	−43·158	1·00	46.8495	10·0
N	3·215	+36·530	− 5	...	...
...	3·167	+ 3·684	− 3	...	...
...	3·137	+39·248	− 4	...	...
...	3·087	+20·690	− 5	*m*	...
621					
...	− 2·904	−52·908	− 3	...	...
...	2·838	+36·877	− 5	...	...
...	2·733	+16·790	− 5	M *m*	...
...	2·630	− 5·446	− 4	*m*	...
...	2·413	−42·694	− 4	*m*	...
...	− 2·272	+18·992	− 5	*m*	...
...	2·242	+38·221	0·70	...	...
...	2·212	+13·961	− 1	...	...
†	2·158	−34·818	− 3	...	...
*	2·056	+30·090	1·10	45.8430	9·4
631					
...	− 1·755	−14·004	− 5	*m*	...
...	1·603	−18·630	− 5	*m*	...
...	1·589	+49·094	0·90	45.8431	10·0
...	1·527	−29·624	− 5	*m*	...
...	1·498	+10·189	− 5	*m*	...
...	− 1·445	−24·654	− 3	*m*	...
...	1·283	−20·880	− 3	...	...
*	1·202	−34·250	1·00	46.8496	9·9
...	1·078	+46·302	0·90	...	...
...	1·006	−15·264	0·70	46.8497	10·0
641					
...	− 0·958	+50·521	− 4	...	...
...	0·764	+17·882	− 4	*m*	...
...	0·732	+18·785	− 2	...	...
*	0·673	+38·701	1·30	45.8432	9·5
...	0·524	−11·101	− 3	...	...
...	− 0·465	+37·109	− 4	...	...
...	0·450	−55·849	− 3	...	...
...	0·424	−32·274	− 4	*m*	...
...	0·411	+39·713	− 5	*m*	...
...	0·296	+25·323	0·70	...	...
651					
†	− 0·125	−18·359	− 2	...	...
‡	0·096	−30·435	1·00	46.8498	9·6
...	0·094	− 1·814	0·65	*b*	...
...	0·071	−31·152	− 5	M *m*	...
†	− 0·059	+28·795	− 2	...	...
*	0·000	+47·255	1·00	45.8433	10·0
...	+ 0·124	+14·596	− 5	*m*	...
*	0·249	+47·882	1·00	45.8434	9·8
S *	0·339	−59·539	1·40	46.8499	8·9
...	0·512	− 1·710	0·85	...	...
661-720					
661					
...	+ 0·533	−20·063	− 4	*m*	...
...	0·569	−16·370	− 2	...	...
*	0·586	− 6·263	1·10	46.8500	9·3
...	0·802	+58·583	− 4	...	...
...	0·826	+44·319	− 5	*m*	...
...	+ 0·995	+ 9·617	0·90	45.8435	10·0
...	1·293	+ 6·984	− 5	M *m*	...
...	1·455	+ 5·431	− 5	*m*	...
...	1·914	+35·500	− 5	M *m*	...
...	2·073	−50·647	− 5	*m*	...
671					
...	+ 2·142	−20·414	0·90	46.8501	10·0
...	2·251	+24·674	− 3	...	...
...	2·301	+43·263	− 2	...	...
...	2·341	+14·873	− 1	...	...
*	2·449	+34·088	1·05	45.8436	9·4
*	+ 2·499	+52·095	1·00	45.8438	9·6
*	2·517	−37·443	1·00	46.8502	9·8
*	2·549	+25·381	1·35	45.8437	9·0
...	2·736	−54·495	− 4	...	...
...	2·814	+ 9·753	− 3	*m*	...
681					
...	+ 2·847	+34·568	− 3	...	...
...	2·950	+35·053	− 4	...	...
...	2·979	+12·213	0·90	...	...
...	2·980	−10·474	− 4	*m*	...
...	3·001	−59·288	− 3	...	...
...	+ 3·006	−33·406	− 4	M *m*	...
...	3·185	−30·284	− 4	*m*	...
*	3·457	−48·925	1·00	46.8504	10·0
*	3·487	−46·498	1·05	46.8503	9·5
...	3·562	+13·046	− 5	*m*	...
691					
...	+ 3·705	−28·431	− 2	...	...
...	3·712	+54·246	− 2	...	...
...	3·754	−48·836	− 4	...	...
*	3·861	−41·132	1·00	46.8505	10·0
...	3·868	+ 7·441	− 2	...	...
...	+ 3·930	+33·475	− 5	*m*	...
*	3·991	+58·324	1·20	44.8342	9·2
...	4·120	+28·355	− 3	...	...
...	4·290	+ 5·726	− 5	M *m*	...
...	4·302	+44·452	− 5	...	...
701					
...	+ 4·346	−28·544	− 5	*m*	...
...	4·532	+30·326	− 2	...	...
†	4·888	− 4·063	− 5	M *m*	...
S ‡	4·904	+50·025	1·40	45.8439	8·8
...	5·020	+18·283	− 5	M *m*	...
...	+ 5·040	− 7·031	− 4	*m*	...
...	5·045	−50·298	− 3	...	...
...	5·206	− 1·899	− 4	*m*	...
...	5·457	−21·577	− 1	46.8506	10·0
...	5·568	+44·547	− 2	...	...
711					
...	+ 5·713	+33·087	− 5	*m*	...
...	5·788	+17·886	− 4	*m*	...
...	5·912	+23·815	− 5	*m*	...
...	6·024	+41·754	0·70	...	...
...	6·061	−16·209	− 2	...	...
...	+ 6·061	−53·937	0·75	...	...
...	6·119	−10·209	0·70	...	...
...	6·356	−57·503	− 4	...	...
S *	6·397	+13·620	1·30	45.8440	9·0
...	6·520	− 8·374	0·65	...	...
721-780					
721					
...	+ 6·673	−46·056	− 4	*m*	...
...	6·906	+33·103	0·70	...	...
...	7·063	−51·572	− 5	*m*	...
...	7·243	+58·159	− 5	...	...
*	7·290	− 7·613	1·20	46.8507	9·4
n *	+ 7·477	+ 1·009	1·00	45.8441	8·2
...	7·493	+19·767	− 5	*m*	...
...	7·508	+23·846	− 4	...	...
n *	7·603	+ 1·139	1·80	45.8441	8·2
...	7·898	− 5·884	− 4	...	...
731					
...	+ 7·916	−52·790	− 5	*m*	...
*	8·181	+ 8·173	1·05	45.8442	9·6
...	8·198	+32·616	− 5	*m*	...
...	8·218	+25·232	− 4	...	...
*	8·316	+52·221	1·20	45.8443	9·4
...	+ 8·392	+10·384	− 3	...	...
...	8·541	− 1·993	− 3	*b*	...
...	8·557	−11·808	− 3	...	...
...	8·562	+18·482	− 5	*m*	...
...	8·633	+41·257	− 4	...	...
741					
...	+ 8·764	+22·201	− 4	...	...
...	8·770	−11·796	− 3	...	...
...	8·880	+36·624	− 5	...	...
...	9·005	−29·609	− 5	*m*	...
...	9·121	+26·470	− 4	...	...
...	+ 9·161	−34·131	− 5	*m*	...
...	9·226	+ 1·879	− 3	*a*	...
...	9·238	+58·825	− 1	...	...
...	9·265	+47·351	0·70	...	...
...	9·280	−14·975	− 3	*a*	...
751					
...	+ 9·357	−54·543	− 4	*m*	...
...	9·360	−24·935	− 5	*m*	...
...	9·591	− 5·903	− 5	*m*	...
*	9·593	+23·844	1·00	45.8444	9·8
...	9·617	+39·083	− 5	*m*	...
...	+ 9·741	−12·896	− 5	*m*	...
†	9·841	−45·759	− 2	...	...
†	9·843	−49·358	0·70	...	...
*	10·218	+ 4·877	1·00	45.8445	9·6
...	10·278	+26·539	− 3	...	...
761					
*	+10·401	+45·978	1·00	45.8446	9·8
*	10·430	+ 4·289	1·10	45.8447	9·4
...	10·472	− 9·622	0·70	...	...
...	10·534	+23·617	− 5	*m*	...
...	10·585	+39·834	− 4	...	...
...	+10·752	+12·794	0·85	...	...
*	10·754	+10·820	1·00	45.8448	9·6
...	10·984	−10·972	− 5	*m*	...
...	11·047	−27·080	− 4	*m*	...
...	11·099	+43·498	− 5	...	...
771					
...	+11·398	+25·618	− 2	...	...
...	11·457	+25·852	− 5	*m*	...
...	11·831	+34·626	− 4	...	...
...	12·110	−25·201	0·70	...	...
...	12·243	+39·382	0·90	...	...
...	+12·327	+15·437	0·80	...	...
...	12·507	−12·474	0·90	46.8509	10·0
...	12·703	+ 4·703	− 5	*m*	...
...	12·798	+18·256	− 1	...	...
*	12·920	−41·433	2·80	46.8510	7·9

614, 617. 45° 103, two stars; 45° 104, mass.
726, 729. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
781–840					
781					
*	+12·940	+20·802	1·00	45.8449	9·8
...	12·972	− 0·517	− 5	*m*	...
...	13·255	+ 7·825	− 5	...	...
*	13·328	−20·457	1·70	46.8511	9·0
...	13·349	−22·743	− 5	*m*	...
...	+13·462	−54·221	− 1	...	...
*	13·469	− 3·201	1·50	46.8512	9·1
...	13·487	+12·563	0·95	45.8450	9·6
...	13·656	−57·120	− 5	*m*	...
...	14·043	−21·957	− 5	*m*	...
791					
...	+14·148	+38·936	− 4	...	...
...	14·251	+ 7·338	− 5	*m*	...
†	14·521	+39·906	− 3	...	...
...	14·572	+44·739	0·80	...	...
α *	14·620	+ 0·423	1·25	45.8451	9·1
...	+14·694	− 6·345	− 4	*m*	...
...	14·704	+28·991	− 5	*m*	...
...	14·735	+31·549	− 5	...	...
†	14·767	+41·318	− 4	...	...
...	14·947	−51·786	− 4	*m*	...
801					
...	+14·950	−23·766	− 4	...	...
S *	15·110	−31·930	4·60	46.8513	7·3
...	15·140	+40·577	− 4	...	...
...	15·210	+35·544	− 5	...	...
...	15·211	+ 6·841	− 3	...	...
...	+15·227	− 5·757	− 4	*m*	...
...	15·327	−41·921	0·70	46.8514	10·0
*	15·718	+53·590	0·95	45.8452	9·9
...	15·738	+ 8·341	0·80	45.8454	10·0
...	15·748	+53·056	0·90	45.8453	10·0
811					
...	+15·852	+ 6·531	− 4	*a*	...
...	15·913	−58·930	− 5	*m*	...
...	16·226	+12·281	− 4	...	...
...	16·351	+29·381	− 5	*m*	...
...	16·607	−11·350	0·90	46.8515	10·0
...	+16·793	−43·418	− 4	*b*	...
N	16·798	+ 8·506	− 4	...	...
...	16·822	+35·032	− 3	...	...
‡	16·833	−44·897	1·40	46.8516	8·8
*	16·839	−56·525	1·35	46.8517	9·4
821					
...	+16·843	−36·357	− 4	*m*	...
...	16·867	+25·885	− 5	...	...
...	16·942	+38·814	− 3	...	...
*	16·983	−42·825	1·05	46.8518	9·6
...	17·139	+28·532	− 4	...	...
...	+17·210	+46·877	− 5	...	...
...	17·364	−17·601	− 2	...	...
*	17·366	+13·495	0·95	45.8456	9·8
...	17·440	+12·631	0·85	45.8455	10·0
...	17·699	+12·161	− 5	*m*	...
831					
...	+17·699	+ 6·688	− 5	*m*	...
...	17·748	−45·697	− 5	*m*	...
...	17·855	−43·495	0·70	...	...
...	17·874	+16·768	0·70	...	...
*	17·942	+35·735	1·80	45.8457	8·6
...	+17·972	−35·606	− 4	*m*	...
...	17·973	−10·421	0·85	46.8519	9·8
...	18·200	+26·442	− 4	...	...
...	18·249	−58·607	− 3	...	...
...	18·280	+41·850	− 5	*m*	...
841–900					
841					
...	+18·300	−40·697	− 3	...	...
...	18·301	+30·310	− 3	...	...
...	18·529	−51·016	− 4	*b*	...
...	18·698	−54·173	− 3	...	...
*	19·059	+46·728	0·95	45.8458	10·0
...	+19·098	−42·254	− 5	*m*	...
...	19·114	−41·526	− 5	*m*	...
...	19·147	−56·190	− 5	*m*	...
...	19·253	+53·938	− 3	...	...
...	19·330	+28·864	− 4	...	...
851					
...	+19·334	−53·713	− 3	...	...
...	19·479	−48·289	− 3	...	...
...	19·741	+26·788	− 5	*m*	...
...	19·906	−41·674	− 2	...	...
...	20·155	+10·820	− 5	...	...
...	+20·215	−17·109	0·80	...	...
...	20·248	−53·685	0·90	...	...
...	20·379	− 6·608	− 3	...	...
...	20·410	+10·531	− 5	...	...
...	20·719	−43·863	− 5	*m*	...
861					
...	+20·969	+40·452	0·80	...	...
...	21·029	−39·136	− 5	*m*	...
...	21·103	+37·813	− 2	...	...
*	21·133	+52·546	1·00	45.8459	9·8
...	21·180	+ 9·422	− 5	*m*	...
*	+21·309	−22·673	0·95	46.8520	10·0
...	21·318	+40·307	− 1	...	...
...	21·323	−35·957	− 2	...	...
*	21·540	+50·738	1·20	45.8460	9·4
...	21·618	−26·255	− 5	*m*	...
871					
...	+21·650	−38·626	− 3	*a*	...
...	21·746	− 1·241	− 5	*m*	...
...	21·918	+48·690	− 5	...	...
*	21·963	+48·927	1·00	45.8461	10·0
...	21·975	+ 7·479	− 5	*m*	...
...	+21·998	+57·069	− 5	...	...
...	22·007	−20·597	− 5	*m*	...
...	22·142	+ 3·278	− 5	*m*	...
...	22·168	+29·494	− 5	...	...
...	22·450	+31·259	− 5	*m*	...
881					
...	+22·494	+48·952	− 3	...	...
*	22·525	+27·938	4·00	45.8462	7·5
*	22·729	+ 7·587	1·00	45.8463	9·8
...	22·824	+34·019	− 1	...	...
†	22·905	−14·947	− 3	*a*	...
...	+22·927	−11·269	0·95	46.8522	10·0
†	22·982	+34·911	0·70	...	...
...	23·024	− 2·643	− 5	*m*	...
...	23·204	+43·979	− 5	*m*	...
...	23·361	− 1·089	− 4	*m*	...
891					
...	+23·363	−14·764	0·90	...	...
...	23·412	−41·491	− 4	*m*	...
...	23·532	−53·391	1·00	46.8523	9·9
...	23·546	−47·218	0·95	...	...
...	23·922	−18·764	− 4	*m*	...
...	+23·953	+ 1·086	0·75	45.8464	10·0
...	24·171	−42·431	− 5	*m*	...
...	24·427	−27·615	− 4	...	...
...	24·655	−52·224	− 4	...	...
...	24·892	+14·260	− 3	...	...
901–960					
901					
...	+24·914	−57·795	− 5	*m*	...
‡	24·921	+ 5·063	1·20	45.8466	9·3
‡	24·951	+27·353	− 3	...	...
*	25·094	+44·847	1·40	45.8465	9·0
...	25·134	+18·176	− 5	*m*	...
...	+25·180	−32·727	− 4	*m*	...
...	25·360	−54·623	− 5	*m*	...
...	25·363	+17·375	− 4	...	...
...	25·404	−13·513	− 5	*m*	...
...	25·527	−23·081	− 2	...	...
911					
...	+25·606	+32·383	− 3	...	...
...	25·612	+ 3·541	− 2	...	...
...	25·762	−38·689	− 3	...	...
...	25·804	−51·398	− 3	*b*	...
...	25·875	+ 6·160	− 5	*m*	...
*	+26·029	−11·484	0·90	46.8524	10·0
...	26·123	−26·088	− 5	*m*	...
...	26·251	+32·196	− 5	*m*	...
...	26·297	− 3·530	0·70	...	...
*	26·365	− 2·507	1·00	46.8525	9·6
921					
...	+26·397	+15·754	− 3	...	...
...	26·508	+34·021	− 5	...	...
...	26·508	+17·149	0·80	45.8467	9·9
...	26·564	−37·912	− 2	...	...
...	26·739	+ 0·613	− 5	*m*	...
...	+26·796	+45·510	− 4	...	...
...	26·904	−54·624	− 5	*m*	...
...	27·023	+42·452	− 5	...	...
...	27·146	+17·485	− 4	*m*	...
...	27·286	+ 4·438	− 3	...	...
931					
...	+27·418	−25·818	− 3	...	...
n *	27·518	− 3·954	1·60	46.8526	8·8
...	27·554	+36·900	− 1	...	...
...	27·635	+27·179	− 5	...	...
n *	27·636	− 3·932	1·20	46.8526	8·8
...	+27·663	−11·769	− 3	...	...
...	28·058	−26·303	− 3	...	...
...	28·305	+53·728	− 3	...	...
...	28·361	+19·860	− 5	*m*	...
*	28·565	−30·297	1·00	46.8527	9·6
941					
α *	+28·670	− 0·147	1·15	45.8468	9·4
...	28·700	−22·193	− 5	*m*	...
...	28·734	−15·682	− 5	*m*	...
...	28·737	+34·367	− 5	...	...
...	28·774	+25·683	0·65	...	...
...	+28·997	+14·178	− 4	...	...
...	29·036	−44·294	− 3	...	...
...	29·088	+15·926	− 5	*m*	...
...	29·189	+19·083	− 5	...	...
...	29·206	+ 2·449	− 5	*m*	...
951					
...	+29·219	−27·697	0·95	46.8528	9·9
...	29·255	−39·117	− 5	*m*	...
...	29·269	+36·979	− 3	...	...
...	29·307	−26·849	0·75	...	...
...	29·346	−34·681	− 3	...	...
...	+29·371	+26·305	− 4	...	...
...	29·490	− 9·185	− 5	*m*	...
...	29·559	−23·528	− 4	...	...
...	29·576	−19·380	− 2	...	...
...	29·607	− 2·180	− 2	...	...

817. Var. L=9·5—10·5.
932, 935. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
961–1020					
961					
†	+29·807	− 7·145	0·65	...	...
*	29·916	−20·550	0·90	46.8529	10·0
...	29·942	+22·234	0·65	...	...
...	29·963	− 3·521	− 5	*m*	...
...	29·992	−44·543	− 5	*m*	...
...	+30·112	−57·305	− 4	...	...
†	30·353	−54·850	− 5	...	...
...	30·375	− 9·555	− 5	*m*	...
...	30·391	−30·188	0·90	46.8530	10·0
...	30·449	+32·584	− 5	...	...
971					
...	+30·701	− 4·810	− 5	*m*	...
...	30·711	+56·074	− 5	...	...
...	30·735	−36·717	− 5	*m*	...
...	30·803	−55·236	− 5	*m*	...
... [	30·830	−52·861	− 3	...	...
†	+30·872	− 9·978	− 5	*m*	...
...	30·896	−41·304	− 2	...	...
*	30·921	+57·523	1·30	45.8469	9·5
...	31·182	+13·206	− 5	...	...
*	31·335	+27·648	1·00	45.8470	9·6
981					
...	+31·336	−20·977	− 5	*m*	...
...	31·414	−24·540	− 5	*m*	...
...	31·498	−26·195	− 5	*m*	...
...	31·515	− 5·238	− 5	*m*	...
...	31·566	−50·735	− 5	*m*	...
...	+31·572	+26·435	− 5	...	...
...	31·621	−44·412	− 5	*m*	...
...	31·672	+ 8·741	− 5	*m*	...
...	31·769	− 0·168	− 4	*m*	...
...	31·833	+ 6·045	− 2	...	...
991					
...	+31·870	+26·017	0·80	...	...
*	31·921	−34·076	1·00	46.8531	9·6
*	32·210	−27·385	1·30	46.8532	9·1
...	32·225	− 2·086	− 5	*m*	...
...	32·250	−47·780	− 5	*m*	...
...	+32·276	−21·384	− 5	*m*	...
...	32·309	− 7·821	− 5	*m*	...
...	32·403	−27·915	0·90	46.8533	10·0
...	32·614	+29·487	0·65	...	...
...	33·026	−35·807	− 5	*m*	...
1001					
...	+33·085	+56·119	− 1	...	...
...	33·159	−22·838	− 5	*m*	...
*	33·162	+17·290	0·90	45.8471	10·0
*	33·266	−57·527	1·00	46.8534	9·9
...	33·516	+42·945	− 4	...	...
...	+33·665	−47·897	− 5	*m*	...
...	33·735	− 7·025	0·80	...	...
S *	33·766	+ 3·304	3·00	45.8472	7·8
*	33·904	+16·656	0·95	45.8473	10·0
*	34·057	−35·418	1·00	46.8535	9·8
1011					
...	+34·181	−44·064	− 5	*m*	...
...	34·187	+28·672	− 4	...	...
...	34·211	−23·930	0·85	...	...
...	34·371	+53·190	− 5	...	...
... [	34·434	+16·351	− 2	...	...
... [	+34·462	+16·324	− 2	...	...
...	34·463	+11·699	− 5	...	...
*	34·518	−26·860	1·00	46.8536	9·8
...	34·579	−47·056	− 5	*m*	...
...	34·607	+18·672	− 5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
1021–1080					
1021					
†	+34·689	−45·256	− 5	*m*	...
†	34·738	−41·872	− 4	*b*	...
...	34·790	−41·520	0·80	...	...
...	34·879	−42·043	− 3	*a*	...
...	34·958	+25·522	− 5	...	...
...	+35·000	+ 3·080	− 4	...	...
...	35·012	+42·191	− 5	...	...
*	35·024	+10·978	1·00	45.8474	9·3
...	35·188	+53·919	− 5	...	...
...	35·203	− 9·250	− 4	*m*	...
1031					
...	+35·248	+20·058	0·70	...	...
...	35·383	−58·146	− 5	*m*	...
...	35·437	− 2·221	− 5	*m*	...
...	35·591	+57·327	− 5	...	...
...	35·608	−27·352	− 5	*m*	...
...	+35·698	+21·842	0·65	...	...
...	35·774	+46·541	− 4	...	...
*	35·797	+16·960	1·40	45.8476	9·0
...	35·836	−40·921	− 4	*a*	...
...	35·840	−28·926	− 2	...	...
1041					
...	+35·881	+39·262	0·70	45.8475	10·0
...	36·054	+10·107	− 3	...	...
...	36·080	−44·590	− 4	*m*	...
...	36·096	−38·177	− 4	*m*	...
...	36·127	−23·906	− 5	*m*	...
...	+36·129	−34·710	0·80	46.8538	10·0
...	36·147	−13·170	− 5	*m*	...
...	36·200	− 4·471	− 5	*m*	...
...	36·225	+11·921	− 3	...	...
...	36·264	−39·657	− 4	*m*	...
1051					
...	+36·274	−38·782	− 4	*m*	...
...	36·368	+33·242	− 5	...	...
...	36·449	− 5·811	0·80	46.8539	9·9
...	36·550	−17·619	− 5	*m*	...
...	36·636	−44·053	− 5	*m*	...
*	+36·885	−41·274	0·90	46.8540	10·0
S *	36·979	+40·820	3·00	45.8477	7·6
...	37·030	−57·675	− 5	*m*	...
...	37·198	−53·071	0·80	46.8541	10·0
...	37·425	−17·272	− 4	*m*	...
1061					
...	+37·446	− 9·317	− 4	*m*	...
...	37·483	−26·387	− 5	*m*	...
...	37·588	−30·082	− 4	*m*	...
...	37·730	+11·833	− 3	...	...
...	37·846	−15·226	− 4	*m*	...
...	+37·943	+ 1·328	− 5	*m*	...
...	37·955	−18·707	− 5	*m*	...
...	38·001	−29·501	− 5	*m*	...
...	38·061	−10·645	− 3	...	...
*	38·199	−27·325	1·00	46.8542	9·8
1071					
*	+38·297	+27·577	1·35	45.8478	9·3
...	38·404	+15·548	− 5	...	...
...	38·470	−39·284	− 2	...	...
...	38·488	+44·721	− 5	...	...
‡	38·722	− 4·887	1·10	46.8543	9·4
...	+38·762	+26·289	− 4	...	...
*	38·815	+ 7·028	2·60	45.8479	8·0
...	38·903	−30·137	− 5	*m*	...
...	38·926	+42·396	− 4	...	...
...	39·006	+44·303	0·70	45.8480	10·0

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
1081–1140					
1081					
...	+39·028	− 4·479	− 4	*m*	...
...	39·177	+19·671	− 2	...	...
...	39·224	+20·148	− 3	...	...
...	39·255	+32·778	− 3	...	...
...	39·281	−36·951	− 2	*a*	...
*	+39·295	−58·418	1·20	46.8545	9·8
...	39·599	+41·640	− 5	...	...
...	39·634	+ 6·332	− 5	*m*	...
...	39·675	+36·649	− 2	...	...
†	39·712	+22·482	0·80	45.8481	9·9
1091					
†	+39·715	+ 6·811	− 3	...	...
†	39·799	−44·865	− 5	*m*	...
...	39·890	−56·505	− 5	*m*	...
‡	39·927	−14·859	0·95	46.8546	9·9
...	40·004	+33·523	− 5	...	...
*	+40·226	−52·323	1·10	46.8547	9·8
...	40·353	+33·462	0·90	...	...
...	40·503	−27·106	− 2	...	...
...	40·509	+40·086	− 3	...	...
*	40·651	−52·716	1·25	46.8548	9·8
1101					
...	+40·803	+17·483	− 3	...	...
...	41·361	− 9·298	0·70	...	...
...	41·594	−17·398	− 5	*m*	...
...	41·646	−33·455	− 5	*m*	...
...	41·712	−25·598	− 5	*m*	...
*	+41·725	−20·101	1·00	46.8549	9·6
*	41·784	+ 0·154	1·00	α	...
...	41·805	− 5·991	− 4	*m*	...
...	41·910	+28·636	− 3	...	...
*	41·919	+22·589	1·80	45.8483	8·9
1111					
...	+41·967	−24·697	0·70	...	...
...	42·055	−24·206	0·70	...	...
...	42·097	− 8·549	0·70	...	...
*	42·133	+51·799	1·00	45.8482	9·6
†	42·281	+39·976	− 2	...	...
...	+42·331	−59·739	1·00	46.8550	10·0
...	42·377	−55·704	− 5	*m*	...
...	42·409	+26·615	− 5	...	...
...	42·411	−12·183	− 4	*m*	...
* [	42·431	+43·178	1·00	45.8484	9·6
1121 [					
... [	+42·506	+43·204	− 5	...	...
...	42·466	−44·091	− 5	*m*	...
...	42·501	−52·021	− 5	*m*	...
...	42·539	+ 3·788	− 5	*m*	...
...	42·546	+20·095	− 5	...	...
...	+42·641	+40·472	0·90	...	...
...	42·824	−20·222	− 5	*m*	...
...	42·839	−24·705	− 5	*m*	...
*	42·877	−29·575	1·00	46.8551	9·8
...	42·970	+43·763	− 4	...	...
1131					
...	+42·986	−46·553	− 4	*e*	...
*	43·075	−47·018	1·00	46.8552	9·9
...	43·328	− 6·674	− 5	*m*	...
...	43·453	+ 3·039	− 5	...	...
...	43·548	−45·393	− 2	...	...
...	+43·648	−40·989	− 2	...	...
...	43·723	−56·060	− 5	*m*	...
*	43·738	−26·538	1·00	46.8554	9·6
...	43·744	− 8·528	− 5	*m*	...
*	43·831	− 3·489	1·20	46.8553	9·3

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
1141–1200					
1141					
...	+43·872	+20·890	0·85	45.8485	10·0
...	43·914	−33·507	− 4	...	...
...	43·976	−46·424	− 4	*e*	...
...	44·046	− 8·889	− 2	...	...
...	44·099	−51·722	− 4	*a*	...
*	+44·107	+22·272	0·90	45.8486	10·0
...	44·108	−42·416	− 5	*m*	...
...	44·301	−12·024	− 4	*m*	...
...	44·364	+14·426	− 2	...	...
†	44·444	+39·871	− 5	...	...
1151					
...	+44·559	− 8·885	− 5	*m*	...
...	44·560	+36·968	− 3	...	...
†	44·764	− 6·802	− 3	...	...
...	44·800	−52·752	0·80	...	...
...	44·890	+20·688	− 4	...	...
...	+44·963	−27·180	− 3	...	...
e	45·017	− 0·283	0·70	45.8488	10·0
*	45·061	−13·040	0·95	46.8555	9·8
...	45·116	+27·749	− 4	...	...
...	45·145	−40·387	− 3	*e*	...
1161					
*	+45·333	− 6·196	1·00	46.8556	9·8
...	45·376	−54·252	− 4	*a*	...
*	45·409	+37·969	1·30	45.8487	9·3
...	45·488	− 4·177	− 3	...	...
...	45·509	−54·034	− 5	*m*	...
...	+45·583	−25·396	− 4	*m*	...
...	45·768	+ 0·244	− 3	...	...
...	45·802	+47·331	− 5	...	...
...	45·875	− 9·143	− 5	*m*	...
S *	45·921	−13·684	1·40	46.8557	8·9
1171					
...	+45·986	+27·968	− 5	...	...
...	46·043	+13·917	− 5	...	...
...	46·059	+47·608	0·65	...	...
...	46·075	−20·759	− 5	*m*	...
...	46·132	−30·355	− 4	*m*	...
...	+46·195	+ 2·774	− 1	...	...
...	46·258	− 2·471	− 3	...	...
...	46·285	−17·592	− 5	*m*	...
*	46·517	+21·465	1·30	45.8489	9·0
...	46·522	+22·843	− 5	*m*	...
1181					
...	+46·676	+43·511	0·80	45.8491	10·0
...	46·723	−36·210	− 2	...	...
...	46·731	+57·533	0·70	...	...
*	46·734	−24·190	1·05	46.8558	9·5
*	46·735	+41·867	1·40	45.8490	9·2
...	+46·837	+15·508	− 4	...	...
...	46·963	−43·771	− 4	...	...
...	47·065	+13·658	− 5	*m*	...
...	47·168	+32·235	− 5	...	...
...	47·170	− 0·415	− 3	*e*	...
1191					
...	+47·250	−27·642	− 5	*m*	...
...	47·318	− 0·641	− 4	*e*	...
...	47·404	+48·244	− 4	...	...
...	47·420	+17·875	− 5	*m*	...
*	47·484	− 6·883	1·05	46.8559	9·5
...	+47·544	+29·538	− 5	...	...
...	47·590	+12·648	0·70	...	...
...	47·669	+23·794	− 4	...	...
...	47·679	+26·824	− 5	...	...
†	47·721	+ 0·030	− 5	*m*	...
1201–1260					
1201					
...	+47·889	−42·739	− 5	*m*	...
...	48·022	+15·960	− 5	*m*	...
...	48·059	−46·221	0·90	46.8560	9·9
...	48·077	+20·926	− 5	...	...
*	48·150	+31·050	1·05	45.8492	9·8
...	+48·162	+54·798	− 2	...	...
...	48·170	− 9·597	− 5	*m*	...
...	48·313	+22·091	− 3	...	...
...	48·326	− 1·982	− 5	*m*	...
...	48·332	− 9·726	− 2	...	...
1211					
...	+48·348	+ 2·826	0·65	...	...
...	48·352	−27·117	− 5	*m*	...
...	48·401	−43·741	− 5	*e*	...
...	48·547	+30·460	1·00	45.8493	9·8
*	48·589	−26·021	1·00	46.8561	10·0
*	+48·599	−43·721	1·25	46.8562	9·5
*	48·700	+29·756	1·40	45.8494	9·4
...	48·844	−56·198	− 4	*e*	...
...	48·932	− 4·164	− 5	*m*	...
...	48·966	−20·576	− 4	...	...
1221					
...	+49·004	+ 7·595	0·70	...	...
...	49·071	−49·029	− 5	*e*	...
...	49·075	+ 1·693	− 3	...	...
*	49·184	−10·311	1·30	46.8563	9·1
...	49·279	+23·806	− 2	...	...
...	+49·393	−46·147	− 3	...	...
...	49·427	−26·657	− 3	...	...
...	49·445	+46·811	1·00	45.8495	10·0
...	49·496	+15·255	− 3	...	...
...	49·501	−24·521	− 4	...	...
1231					
...	+49·534	+ 8·823	− 3	...	...
...	49·542	+19·838	− 1	...	...
*	49·548	+42·773	0·90	45.8496	10·0
...	49·579	−24·100	− 5	*m*	...
†	49·774	+16·801	0·70	...	...
*	+49·782	−45·894	1·20	46.8564	9·6
...	49·897	−19·526	0·90	...	...
...	49·963	+ 2·419	0·90	...	...
...	50·058	+31·063	− 4	...	...
...	50·093	−50·062	− 5	...	...
1241					
...	+50·284	−16·271	− 3	...	...
...	50·338	−56·500	− 5	...	...
...	50·419	− 4·396	− 5	*m*	...
...	50·487	+29·511	− 5	...	...
...	50·598	−15·018	− 2	...	...
...	+51·073	+16·640	− 5	*m*	...
...	51·479	−30·091	− 5	*m*	...
...	51·482	−58·479	1·00	46.8566	9·8
...	51·487	+27·278	0·95	...	...
...	51·575	−28·911	0·95	46.8565	10·0
1251					
...	+51·601	+ 0·539	− 5	*m*	...
...	51·715	−35·673	− 5	*e*	...
...	51·826	+53·070	1·00	45.8497	9·6
...	51·929	+50·109	− 3	45.8498	10·0
...	51·942	− 8·452	− 5	*m*	...
...	+52·015	+51·142	1·00	45.8499	9·8
*	52·091	−13·238	1·00	46.8567	9·6
...	52·151	−51·733	− 1	...	...
...	52·161	−27·743	− 3	...	...
...	52·266	+14·243	0·70	...	...
1261–1320					
1261					
...	+52·309	+28·825	− 2	...	...
...	52·342	+40·787	− 5	...	...
...	52·426	−20·644	0·80	*e*	...
...	52·442	−47·501	− 5	*m*	...
*	52·560	−45·230	1·60	46.8568	9·1
...	+52·594	−34·043	− 5	*e*	...
...	52·794	−14·617	0·85	...	...
...	52·812	− 1·845	− 2	*e*	...
...	52·886	−23·226	0·90	46.8569	10·0
...	52·915	+10·425	− 5	...	...
1271					
...	+52·994	− 0·867	0·75	...	...
*	53·103	−13·913	1·00	46.8570	9·6
...	53·121	+52·471	− 1	45.8500	10·0
...	53·186	+ 0·125	− 4	...	...
...	53·221	−32·177	− 5	*m*	...
...	+53·244	+29·137	− 3	...	...
...	53·315	−48·649	− 5	*m*	...
...	53·353	− 8·626	− 5	*e*	...
...	53·399	+26·621	0·95	...	...
*	53·474	+ 1·864	1·00	45.8502	9·8
1281					
...	+53·497	+14·807	− 2	...	...
...	53·507	+54·090	1·00	45.8501	9·8
...	53·608	+21·620	− 4	...	...
...	53·644	−48·481	− 1	46.8571	10·0
...	53·669	−13·932	− 2	*e*	...
...	+53·826	+ 5·304	− 5	*m*	...
...	53·955	−30·497	− 4	*e*	...
...	53·970	− 1·284	− 5	*m*	...
...	53·982	−33·617	− 5	*m*	...
...	54·140	+ 2·092	− 5	*e*	...
1291					
...	+54·249	+28·217	− 5	...	...
...	54·360	− 3·644	− 5	*m*	...
...	54·361	+18·986	− 4	...	...
...	54·382	+15·248	− 2	...	...
†	54·708	−40·694	− 5	*e*	...
...	+54·767	−31·462	− 5	*m*	...
...	55·041	−29·182	1·00	46.8572	10·0
...	55·059	−21·589	0·65	...	...
*	55 061	−43·259	1·05	46.8573	9·9
...	55·134	+21·863	− 3	...	...
1301					
...	+55·456	−52·939	0·70	...	...
...	55·465	−21·795	− 4	*m*	...
...	55·494	−54·287	− 2	...	...
...	55·533	− 5·562	− 5	*m*	...
...	55·567	− 5·615	0·65	46.8574	10·0
...	+55·567	−33·403	− 5	*m*	...
...	55·590	+ 1·589	− 4	...	...
...	55·685	+ 2·336	− 4	*a*	...
...	55·764	−42·061	0·90	46.8575	10·0
...	55·809	+19·415	− 3	...	...
1311					
...	+55·849	−48·184	− 5	*e*	...
...	55·993	−57·819	0·70	...	...
...	55·996	−51·221	0·70	46.8578	10·0
*	56·015	−32·270	1·20	46.8577	9·5
...	56·021	−11·460	0·70	...	...
...	+56·024	−54·260	0·80	46.8579	10·0
...	56·082	+39·594	− 4	...	...
...	56·110	+ 3·408	− 3	...	...
...	56·112	+28·340	0·70	...	...
...	56·204	− 2·134	− 4	*m*	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	− y.	−3.	No	Mag.
1321–1340					
1321				°	
...	+56′254	−38′662	− 1	...	...
...	56·303	−12·099	0·95	46.8576	10·0
...	56·430	−56·756	− 4	...	...
*	56·628	−58·875	1·25	46.8580	9·6
...	56·817	+23·136	− 3	...	...
S *	+56·916	+28·602	3·00	45.8503	7·5
...	56·922	+ 9·587	− 3	...	...
...	56·932	−56·703	− 5	*e*	...
...	56·996	−12·424	− 5	*m*	...
*	56·997	−38·149	1·00	46.8581	9·8
1331					
...	+57·066	+ 1·854	− 5	*m*	...
...	57·103	−57·479	0·95	46.8582	9·8
...	57·108	+59·803	− 1	44.8395	10·0
...	57·209	−39·686	− 1	...	...
...	57·308	+24·211	− 5	...	...
...	+57·350	−55·484	− 1	...	...
...	57·388	−54·286	− 5	*e*	...
...	57·397	+19·048	− 3	...	...
...	57·407	+ 9·202	− 3	...	...
...	57·420	−52·761	− 1	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
1341–1360					
1341				°	
...	+57′451	+40′689	− 4	...	...
*	57·656	+16·377	1·20	45.8504	9·5
...	57·919	−58·571	0·90	46.8583	9·8
...	57·957	+29·825	− 4	...	...
...	58·002	+18·548	− 3	...	...
*	+58·010	+ 0·896	1·60	45.8508	9·0
...	58·017	−48·679	− 5	*e*	...
*	58·092	+ 8·264	1·00	45.8506	9·8
*	58·150	+28·998	1·20	45.8505	9·6
*	58·175	+15·261	1·10	45.8507	9·6
1351					
...	+58·238	+ 1·466	− 2	...	...
...	58·263	+12·954	− 1	...	...
...	58·355	+58·645	− 4	...	...
...	58·395	− 9·443	− 5	*m*	...
...	58·417	+37·541	0·95	...	...
...	+58·531	+18·942	− 5	*m*	...
...	58·584	−13·957	− 3	...	...
...	58·805	+11·962	− 4	...	...
...	58·828	+26·773	− 3	...	...
...	58·886	−34·233	0·80	46.8584	10·0

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
1361–1370					
1361				°	
...	+58′956	− 8′649	− 3	...	...
...	58·969	−36·792	− 5	*m*	...
*	58·980	+13·132	1·30	45.8509	9·1
...	59·144	+12·914	− 4	...	...
...	59·169	−52·115	− 4	...	...
...	+59·212	+ 9·735	− 5	...	...
...	59·329	−46·583	− 5	*e*	...
...	59·352	−40·110	0·80	...	...
...	59·396	+ 2·307	− 4	*e*	...
‡	59·675	+37·183	1·40	45.8510	9·3

	1–30				
1				°	
...	−59′788	−46′826	− 5	E	...
...	59·689	−47·289	1·20	46.8552	9·9
*	59·657	−26·795	1·30	46.8554	9·6
...	59·655	+47·381	− 1	...	...
...	59·292	−41·241	− 4	...	...
...	−59·282	+57·332	− 1	...	...
...	59·273	−33·750	− 5	...	...
...	59·259	− 7·037	− 1	...	...
...	59·252	−45·650	− 4	...	...
E	59·204	− 0·516	0·85	45.8488	10·0
11					
...	−59·113	+27·751	− 5	...	...
...	58·908	+43·307	− 1	45.8491	10·0
*	58·815	+41·676	2·00	45.8490	9·2
...	58·803	−46·664	− 5	E	...
...	58·766	−13·269	1·10	46.8555	9·8
...	−58·699	− 6·415	1·10	46.8556	9·8
...	58·621	− 4·395	− 4	...	...
...	58·470	+ 0·034	− 3	...	...
...	58·411	−27·401	− 5	...	...
*	58·393	+21·267	1·40	45.8489	9·0
21					
...	−58·337	+48·061	− 5	...	...
...	58·125	+ 2·571	0·80	...	...
...	57·901	− 2·668	0·70	...	...
†	57·879	+15·308	− 5	...	...
S *	57·879	−13·881	2·00	46.8557	8·9
...	−57·802	−40·605	− 3	E	...
...	57·789	+54·636	− 4	...	...
...	57·775	−52·960	− 1	...	...
...	57·617	+29·369	− 5	...	...
...	57·058	+30·899	1·10	45.8492	9·8

	31–60				
31				°	
...	−57′044	+12′491	0·95	...	...
...	57·043	− 0·586	− 5	E	...
...	56·885	− 0·802	− 5	E	...
*	56·736	−24·360	1·20	46.8558	9·5
†	56·638	+30·327	1·00	45.8493	9·8
...	−56·604	+21·943	− 3	...	...
*	56·538	− 7·033	1·20	46.8559	9·5
*	56·467	+29·618	2·00	45.8494	9·4
...	56·366	−36·374	− 3	...	...
...	56·257	+46·697	− 1	45.8495	10·0
41					
...	−56·032	+42·654	1·00	45.8496	10·0
...	55·978	+ 2·692	0·80	...	...
...	55·894	−43·919	− 5	...	...
...	55·697	+23·696	− 3	...	...
...	55·597	− 9·848	0·80	...	...
...	−55·475	+ 7·482	0·90	...	...
...	55·303	+19·740	0·70	...	...
...	55·222	+15·152	− 3	...	...
...	55·212	+ 1·579	− 4	...	...
...	55·144	+30·966	− 5	...	...
51					
...	−54·987	+16·706	− 3	...	...
...	54·985	+ 8·735	− 4	...	...
...	54·822	−26·118	0·90	46.8561	10·0
...	54·728	−46·330	0·80	46.8560	9·9
*	54·725	−10·402	1·80	46.8563	9·1
...	−54·677	+29·434	− 4	...	...
...	54·625	−20·667	− 4	...	...
...	54·480	−43·843	− 4	E	...
...	54·349	+ 2·345	0·80	...	...
*	54·259	−43·810	1·40	46.8562	9·5

	61–90				
61				°	
...	−54′058	+53′023	1·00	45.8497	9·6
...	53·970	−26·737	− 3	...	...
†	53·961	−24·588	− 3	...	...
...	53·865	+50·055	− 2	45.8498	10·0
...	53·816	+51·100	1·00	45.8499	9·8
†	−53·721	−19·582	0·80	...	...
...	53·633	−49·094	− 4	E	...
...	53·632	−56·272	− 3	E	...
...	53·605	+27·232	0·65	...	...
...	53·432	−16·319	− 2	...	...
71					
...	−53·390	−46·219	− 3	...	...
...	53·174	+40·766	− 3	...	...
...	53·155	−15·068	− 2	...	...
*	53·009	−45·950	1·20	46.8564	9·6
...	52·843	+28·804	− 2	...	...
...	−52·760	+52·463	0·80	45.8500	10·0
...	52·567	−50·101	− 3	...	...
...	52·429	+54·094	1·10	45.8501	9·8
...	52·415	+14·228	− 1	...	...
...	52·130	−56·519	− 3	...	...
81					
...	−51·896	+29·144	− 4	...	...
...	51·760	−28·916	0·80	46.8565	10·0
*	51·739	−13·241	1·00	46.8567	9·6
...	51·680	+26·637	0·75	...	...
...	51·663	+10·424	− 5	...	...
...	−51·401	−35·678	− 4	E	...
...	51·361	− 1·838	− 3	E	...
...	51·311	+21·659	− 5	...	...
...	51·204	− 0·853	− 1	...	...
...	51·202	+14·820	− 2	...	...

L measured from 1, 106, 225, 341, 436, 535, 634, 733, 829, 940, 1056, 1191.
MC „ „ 53, 165, 276, 380, 483, 577, 681, 778, 880, 994, 1122, 1250.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−4.	No.	Mag.
91-150					
91	′	′		°	
...	−51·195	−27·737	− 2	...	...
...	51·159	−20·644	− 1	E	...
†	50·986	−14·581	− 1	...	...
...	50·907	−58·470	1·00	46.8566	9·8
...	50·821	+ 1·891	0·90	45.8502	9·8
*	−50·695	−13·890	1·00	46.8570	9·6
...	50·619	− 8·616	− 5	E	...
...	50·616	−23·200	0·65	46.8569	10·0
...	50·586	−34·009	− 5	E	...
...	50·467	+19·031	− 5	...	...
101					
...	−50·463	−51·719	0·90	...	...
†	50·342	+15·304	− 3	...	...
*	50·261	−45·203	2·00	46.8568	9·1
...	50·156	+ 2·152	− 5	E	...
...	50·139	−13·888	− 3	E	...
†	−49·778	+21·935	− 5	...	...
...	49·389	+39·689	− 4	...	...
...	49·315	−30·437	− 5	E	...
...	49·072	−48·416	0·95	46.8571	10·0
...	49·028	+19·511	− 4	...	...
111					
...	−49·014	+28·441	0·85	...	...
...	48·977	+59·912	− 1	44.8395	10·0
...	48·492	−21·504	− 1	...	...
...	48·490	− 5·508	0·95	46.8574	10·0
...	48·279	−29·083	1·00	46.8572	10·0
...	−48·256	−40·595	− 5	E	...
...	48·242	+ 3·522	− 4	...	...
S *	48·187	+28·725	3·75	45.8503	7·5
...	48·143	+23·258	− 3	...	...
...	47·843	−11·340	− 1	...	...
121					
...	−47·812	−43·155	1·10	46.8573	9·9
...	47·704	+58·790	− 4	...	...
...	47·605	+ 9·730	− 5	...	...
...	47·551	−11·979	1·00	46.8576	10·0
...	47·439	+19·188	− 5	...	...
...	−47·208	+29·967	− 5	...	...
*	47·204	−32·146	1·30	46.8577	9·5
...	47·157	−41·940	1·00	46.8575	10·0
...	47·113	−52·817	1·00	...	...
...	47·110	+ 9·354	− 5	...	...
131					
*	−47·091	+16·529	1·35	45.8504	9·5
...	47·047	−54·143	− 1	...	...
*	46·997	+29·159	1·20	45.8505	9·6
...	46·992	+37·708	1·00	...	...
...	46·874	−48·024	− 5	E	...
...	−46·804	+18·708	− 4	...	...
...	46·779	−38·511	− 2	...	...
...	46·627	−51·077	1·00	46.8578	10·0
...	46·540	+15·421	1·15	45.8507	9·6
...	46·502	−54·105	1·05	46.8579	10·0
141					
...	−46·410	−57·666	− 1	...	...
*	46·399	+ 8·441	1·10	45.8506	9·8
...	46·385	+13·129	− 3	...	...
...	46·250	+26·954	− 2	...	...
*	46·229	+ 1·069	2·30	45.8508	9·0
...	−46·052	+ 1·648	− 3	...	...
...	46·037	−37·992	1·00	46.8581	9·8
...	46·033	−56·590	− 4	...	...
...	45·807	+12·148	− 5	...	...
...	45·797	−39·513	− 2	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−4.	No.	Mag.
151-210					
151	′	′		°	
*	−45·760	−58·699	1·40	46.8580	9·6
*	45·727	+37·380	1·90	45.8510	9·3
*	45·656	+13·322	1·80	45.8509	9·1
...	45·531	−56·514	− 5	E	...
...	45·334	+ 9·934	− 4	...	...
*	−45·313	−57·301	1·20	46.8582	9·8
...	45·277	+32·060	− 5	...	...
...	45·221	−13·752	− 5	...	...
...	45·170	−52·570	1·00	...	...
...	45·161	−54·087	− 5	E	...
161					
...	−45·145	−55·297	− 1	...	...
...	45·018	− 8·440	− 4	...	...
†	44·932	+ 2·523	− 5	E	...
†	44·829	+42·338	0·80	...	...
...	44·700	−48·461	− 4	E	...
...	−44·507	+55·280	− 3	...	...
*	44·498	−58·356	1·10	46.8583	9·8
...	44·460	+26·964	0·90	45.8512	9·9
*	44·372	+ 5·569	1·60	45.8511	9·2
...	44·323	+ 3·262	0·75	...	...
171					
...	−44·304	−47·078	− 5	M	...
†	44·303	− 4·623	− 4	...	...
...	44·280	−34·011	0·80	46.8584	10·0
...	44·209	+54·898	− 5	...	...
...	44·087	+20·528	− 5	...	...
...	−43·919	+53·757	− 1	...	...
...	43·739	+47·409	− 4	...	...
...	43·647	−20·966	− 4	...	...
...	43·640	+40·770	− 4	...	...
...	43·635	−39·868	0·80	...	...
181					
...	−43·566	+37·624	− 3	...	...
...	43·454	−46·329	− 5	E	...
...	43·440	−51·860	− 3	...	...
...	43·327	+45·047	− 4	...	...
...	43·316	+ 0·542	− 4	...	...
...	−43·264	− 0·003	− 3	α	...
...	43·186	+28·212	− 5	...	...
...	43·173	+45·511	− 3	...	...
...	43·145	−43·397	− 1	...	...
...	42·957	+ 5·621	− 4	...	...
191					
...	−42·810	+10·417	− 5	...	...
*	42·641	+ 7·129	1·20	45.8513	9·3
...	42·635	+49·356	− 1	...	...
...	42·622	+27·334	0·90	45.8514	9·9
...	42·590	+42·670	− 2	...	...
...	−42·571	+13·920	− 5	...	...
...	42·476	+43·393	− 5	...	...
...	42·469	+ 2·108	− 5	M	...
...	42·365	−37·285	− 5	M	...
...	42·287	+ 2·139	0·80	...	...
201					
*	−42·137	−32·988	1·00	46.8585	9·6
...	42·098	−45·943	− 5	M	...
...	41·996	−53·801	− 5	M	...
...	41·974	−51·460	− 5	M	...
...	41·896	+ 0·961	− 3	...	...
...	−41·712	−43·180	0·90	46.8586	10·0
...	41·591	− 7·090	− 4	...	...
*	41·563	−20·541	1·00	46.8587	9·6
...	41·418	+35·980	− 5	...	...
†	41·045	+60·109	0·90	44.8408	9·9

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−4.	No.	Mag.
211-270					
211	′	′		°	
...	−40·994	−29·719	− 3	...	...
...	40·890	−43·782	− 4	B	...
...	40·794	+15·024	− 1	...	...
...	40·664	−13·820	− 2	...	...
...	40·627	− 0·556	− 5	M	...
...	−40·519	+21·720	− 4	...	...
...	40·456	+40·895	− 1	...	...
...	40·417	−26·170	− 5	M	...
...	40·318	+36·929	0·85	45.8515	10·0
...	40·148	−39·798	− 2	...	...
221					
...	−40·115	−31·496	− 1	...	...
...	40·024	+35·329	− 4	...	...
*	39·995	+52·874	2·50	45.8516	8·2
†	39·913	− 1·061	− 2	...	...
...	39·848	−37·704	− 2	...	...
...	−39·569	−19·910	− 4	...	...
...	39·473	+18·157	0·90	...	...
*	39·471	+39·284	3·00	45.8517	8·2
...	39·443	+ 9·881	− 4	...	...
...	39·437	+21·251	0·80	...	...
231					
...	−39·433	+49·824	− 5	...	...
...	39·418	−19·774	− 3	...	...
...	39·390	−28·607	− 5	M	...
*	39·383	− 9·371	2·30	46.8588	8·9
...	39·311	−40·334	− 4	...	...
...	−39·284	+27·059	− 4	...	...
...	38·981	+10·515	− 4	...	...
...	38·761	−29·851	1·00	...	...
*	38·628	+55·572	2·30	45.8519	8·7
α *	38·596	− 0·059	2·90	45.8518	8·6
241					
...	−38·428	+41·380	− 4	...	...
...	38·316	+35·440	1·00	...	...
...	38·179	+40·378	1·00	45.8521	9·9
*	38·015	+23·999	1·50	45.8520	9·3
...	38·000	−33·254	− 5	...	...
...	−37·848	−27·862	0·90	...	...
*	37·804	−39·243	1·90	46.8589	9·3
...	37·675	−23·655	1·00	46.8590	9·8
...	37·631	+36·049	− 5	...	...
...	37·574	−19·266	− 3	...	...
251					
...	−37·561	+42·922	− 3	...	...
...	37·513	−25·334	0·85	...	...
...	37·493	−14·310	− 5	...	...
...	37·364	+28·571	0·95	...	...
...	37·134	+47·177	− 5	...	...
...	−37·130	+29·229	− 5	...	...
...	37·104	−12·352	− 3	...	...
...	37·054	+15·089	− 4	...	...
...	36·960	+31·614	− 4	...	...
...	36·893	+30·636	0·75	...	...
261					
...	−36·803	+56·042	− 4	...	...
...	36·746	+12·779	− 4	...	...
...	36·739	−34·120	− 5	M	...
*	36·571	−11·017	1·20	46.8593	9·5
...	36·570	−38·341	1·00	46.8591	10·0
...	−36·428	+38·108	− 3	...	...
...	36·282	−13·425	− 4	...	...
S *	36·151	−47·218	1·90	46.8592	9·4
...	36·038	+28·171	− 5	...	...
*	35·945	−57·556	1·10	46.8594	9·8

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
271–330					
271					
...	−35·883	+10·100	− 3	...	...
...	35·748	+27·737	− 5	...	...
...	35·380	−41·456	− 5	M	...
...	35·328	−25·245	0·90	...	...
...	35·197	+27·726	− 3	...	...
†	−34·958	−58·460	− 5	M	...
‡	34·907	+18·288	1·30	45.8522	9·4
†	34·876	− 8·581	− 4	...	...
...	34·810	− 0·092	− 5	M	...
...	34·762	−37·497	− 5	M	...
281					
...	−34·602	− 2·934	− 3	...	...
...	34·584	−50·059	− 1	46.8596	10·0
...	34·551	−43·452	− 1	...	...
...	34·519	+43·734	− 4	...	...
...	34·390	−21·611	− 1	...	...
...	−34·355	−31·564	− 4	...	...
...	34·125	+24·504	− 1	...	...
*	34·020	−30·563	1·00	46.8597	9·6
*	33·999	+44·080	1·00	45.8525	9·6
...	33·724	−39·947	− 2	...	...
291					
...	−33·627	+27·773	− 1	...	...
...	33·604	−50·118	− 1	...	...
...	33·601	+36·991	− 4	...	...
†	33·569	+ 5·351	0·80	45.8524	10·0
*	33·525	− 0·686	0·95	45.8523	9·6
...	−33·446	− 1·272	− 4	...	...
...	33·377	−51·714	− 4	A	...
...	33·286	+32·513	− 4	...	...
*	33·081	+ 3·578	0·95	45.8526	10·0
*	33·035	+59·665	1·70	44.8428	9·2
301					
...	−32·963	+23·798	1·00	45.8527	9·6
...	32·928	− 6·937	− 1	...	...
...	32·910	+12·251	− 5	...	...
*	32·856	+56·766	1·10	45.8528	9·5
...	32·822	−23·132	− 1	...	...
...	−32·818	−24·975	− 5	M	...
...	32·798	−40·034	− 3	...	...
...	32·473	+30·486	− 1	...	...
...	32·380	+25·689	− 4	...	...
...	32·269	− 1·995	0·90	46.8598	9·9
311					
...	−32·266	−34·916	− 5	M	...
...	32·132	−52·301	− 3	...	...
...	31·999	−43·394	− 4	B	...
...	31·650	+13·589	− 5	...	...
...	31·622	+33·119	0·90	45.8529	10·0
*	−31·451	+54·031	1·50	45.8530	9·3
...	31·301	−27·886	− 3	...	...
...	30·945	−12·645	− 5	M	...
*	30·935	−38·529	1·20	46.8599	9·6
*	30·876	+29·113	1·00	45.8531	9·6
321					
†	−30·833	−34·576	− 4	B	...
...	30·652	− 1·734	− 2	...	...
...	30·608	+57·930	− 4	...	...
*	30·586	+27·189	1·00	45.8532	9·8
...	30·544	−10·946	− 5	M	...
...	−30·525	+53·099	0·95	45.8533	9·8
‡	30·516	+60·117	1·80	44.8435	9·3
...	30·501	−30·669	− 4	...	...
...	30·470	+20·153	− 4	...	...
...	30·374	+26·268	− 2	...	...
331–390					
331					
...	−30·342	− 3·993	− 5	M	...
...	30·334	+ 3·525	− 4	...	...
...	30·247	− 7·063	− 1	...	...
N * [	30·238	−49·747	1·20	46.8600	9·6
‡	30·211	+60·084	0·95	44.8437	9·6
...	−30·200	− 2·197	− 1	46.8602	10·0
...	30·163	−13·252	− 4	...	...
...	30·139	+55·990	− 1	...	...
...	30·106	+39·407	− 4	...	...
...	30·074	+53·106	0·90	45.8535	9·9
341					
*	−29·521	− 9·450	3·00	46.8603	8·7
...	29·478	+ 4·407	1·10	45.8534	9·8
...	29·448	+41·226	− 3	...	...
...	29·440	−59·358	1·05	46.8601	10·0
...	28·981	− 2·570	1·00	46.8605	9·9
*	−28·877	−38·234	1·15	46.8604	9·8
...	28·874	+49·616	0·95	45.8536	10·0
...	28·857	−31·945	− 5	...	...
...	28·838	+16·725	− 4	...	...
...	28·826	+53·079	− 3	...	...
351					
...	−28·713	+ 6·295	− 3	...	...
†	28·601	+40·220	− 2	...	...
...	28·454	+25·590	− 5	...	...
...	28·427	−37·631	− 5	...	...
*	28·278	+48·680	1·35	45.8537	9·3
...	−28·125	−21·182	0·95	...	...
...	27·858	+56·992	− 4	...	...
...	27·751	−47·687	0·70	...	...
...	27·729	− 6·706	− 5	...	...
...	27·571	−31·427	0·70	...	...
361					
...	−27·457	−49·246	0·80	...	...
...	27·390	+58·703	− 5	...	...
...	27·309	−46·011	− 5	M	...
...	27·166	−50·203	0·90	...	...
*	27·131	−35·106	1·50	46.8606	9·5
...	−27·012	+38·531	1·00	45.8538	9·8
...	26·843	+ 8·903	− 4	...	...
S *	26·451	− 6·559	5·20	46.8608	7·4
*	26·448	−49·115	1·25	46.8607	9·6
...	26·309	−10·074	− 1	...	...
371					
...	−26·077	− 9·506	− 5	...	...
...	25·846	+33·704	0·75	...	...
...	25·794	−40·449	0·90	...	...
...	25·762	−43·332	− 5	...	...
...	25·632	−23·095	− 5	...	...
...	−25·404	+58·588	− 5	...	...
...	25·332	−26·783	1·00	46.8609	10·0
...	25·288	+30·568	− 5	...	...
*	25·079	+11·888	2·10	45.8539	8·5
*	24·931	−48·674	0·95	46.8610	9·9
381					
†	−24·926	+ 9·055	1·00	45.8540	9·8
†	24·895	+ 7·344	0·95	45.8541	9·8
‡	24·859	−20·356	2·30	46.8612	8·9
...	24·818	+ 2·197	− 5	...	...
α	24·433	− 0·127	0·95	45.8542	9·6
...	−24·402	−37·172	− 1	...	...
...	24·326	+47·009	− 2	...	...
...	24·319	−57·773	− 2	...	...
...	24·285	+ 9·391	0·80	45.8544	10·0
...	24·245	−46·132	− 5	M	...
391–450					
391					
...	−24·181	+46·206	− 4	...	...
...	24·179	−54·404	0·90	46.8613	10·0
...	24·148	+34·086	− 3	...	...
*	24·130	+36·409	2·40	45.8545	8·6
α ‡	24·039	+ 0·139	2·40	45.8543	8·8
...	−23·811	+43·809	− 2	...	...
...	23·810	+49·633	− 4	...	...
...	23·797	−42·053	− 3	...	...
...	23·541	+25·946	− 1	...	...
*	23·540	+47·326	1·30	45.8546	9·4
401					
...	−23·313	+49·613	− 1	45.8547	10·0
...	23·270	− 5·726	− 4	B	...
...	23·212	−26·172	− 1	...	...
†	23·137	+50·079	− 3	45.8548	10·0
...	23·109	−55·933	− 4	...	...
*	−23·006	+53·810	1·80	45.8549	9·0
...	22·950	−39·483	− 5	M	...
...	22·892	−23·947	− 5	M	...
...	22·786	+38·550	− 4	...	...
...	22·713	+47·074	− 4	...	...
411					
...	−22·647	−45·457	− 5	M	...
...	22·404	+14·537	− 4	...	...
...	22·241	+19·302	− 4	...	...
...	21·798	−23·221	− 2	...	...
...	21·765	+ 0·689	− 5	...	...
...	−21·755	+59·035	− 3	...	...
...	21·597	−57·102	− 3	...	...
...	21·502	−33·739	− 4	...	...
...	21·394	− 8·266	− 5	M	...
*	21·390	+48·950	1·00	45.8550	9·6
421					
...	−21·387	+59·046	− 4	...	...
*	21·207	− 5·380	1·80	46.8615	9·2
...	21·099	+40·738	− 4	...	...
...	21·058	−25·291	− 5	M	...
...	20·977	+42·649	− 5	...	...
...	−20·906	−56·265	− 5	M	...
...	20·746	+50·753	− 3	...	...
*	20·715	−56·125	1·10	46.8616	9·4
...	20·648	−53·800	− 3	...	...
...	20·383	−56·178	− 2	...	...
431					
...	−20·365	+17·380	− 5	...	...
...	20·171	+47·516	− 5	...	...
*	20·076	−18·251	1·60	46.8617	9·3
...	20·052	+ 4·028	0·95	45.8551	9·6
*	19·999	+42·963	1·00	45.8553	9·6
...	−19·777	+19·802	1·15	45.8552	9·6
...	19·613	−42·972	− 5	...	...
...	19·607	+12·544	− 5	...	...
...	19·448	−40·358	0·90	46.8618	10·0
...	19·318	+18·809	− 4	...	...
441					
...	−19·274	+51·229	− 4	...	...
...	19·116	+55·835	− 5	...	...
...	19·059	−55·840	1·00	46.8619	10·0
...	18·902	−35·926	− 5	...	...
...	18·833	−48·118	− 5	...	...
*	−18·787	−15·928	2·00	46.8620	9·1
...	18·780	+11·416	− 4	...	...
...	18·747	+58·748	− 2	...	...
...	18·734	+44·048	0·80	...	...
*	18·696	−39·423	1·15	46.8621	9·6

334. Mass. 47°104, two stars.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−4.	No.	Mag.
451–510					
451					
...	−18·671	−55·157	− 5	M	...
...	18·441	+49·729	− 5	...	...
...	18·289	+34·240	0·95	...	...
...	18·159	+ 7·126	− 5	...	...
...	18·026	− 2·666	1·05	46.8622	9·8
...	−17·850	+25·949	− 5	...	...
...	17·506	+19·638	1·10	45.8554	9·6
S *	17·351	+49·491	3·05	45.8556	8·1
...	17·270	+46·241	− 5	...	...
...	17·197	+31·668	1·00	45.8555	9·8
461					
...	−17·191	+50·765	− 3	...	...
...	17·180	+56·115	− 5	...	...
*	17·140	− 8·602	1·20	46.8624	9·6
...	17·062	+54·606	1·00	45.8557	10·0
...	16·988	− 4·228	− 5	M	...
*	−16·748	−40·368	1·35	46.8623	9·6
...	16·726	−54·512	− 5	M	...
...	16·713	+43·110	1·00	45.8558	10·0
...	16·655	+19·187	− 5	...	...
...	16·516	+58·938	1·00	44.8469	10·0
471					
...	−16·085	+42·618	− 5	...	...
...	16·010	+ 4·171	− 3	...	...
...	15·988	− 3·153	− 4	...	...
...	15·830	−43·591	1·05	46.8625	9·9
...	15·582	−48·741	− 5	...	...
...	−15·429	+12·073	− 4	...	...
...	15·371	−19·261	1·00	46.8626	9·8
...	15·366	+33·788	− 5	...	...
...	15·270	−17·057	1·15	46.8627	9·6
...	15·135	+47·318	1·00	45.8559	9·9
481					
...	−15·069	+53·574	− 3	...	...
†	14·992	+ 4·678	− 3	...	...
...	14·919	−27·645	− 5	...	...
†	14·854	+40·405	0·90	45.8561	10·0
...	14·828	− 7·875	− 1	...	...
...	−14·826	−45·545	0·95	46.8628	9·9
...	14·825	−28·277	− 5	M	...
...	14·745	+19·903	0·75	45.8560	10·0
...	14·686	+36·553	0·90	45.8563	9·8
...	14·675	−30·004	− 4	...	...
491					
...	−14·608	−29·179	− 1	...	...
...	14·600	+18·966	− 5	A	...
α *	14·318	+ 0·044	1·20	45.8562	9·4
...	14·231	−10·953	− 3	...	...
...	14·099	+52·430	− 4	...	...
...	−14·068	−56·225	0·70	...	...
...	13·935	+ 6·324	− 3	...	...
...	13·775	−23·259	− 1	...	...
*	13·757	−17·271	2·20	46.8629	8·9
...	13·589	−36·052	− 4	...	...
501					
...	−13·586	−34·465	− 3	...	...
...	13·542	−30·756	− 3	...	...
*	13·355	+37·488	1·80	45.8565	9·1
...	13·225	+ 8·801	− 1	45.8564	9·8
...	13·225	−15·515	− 5	...	...
...	−13·180	−46·348	− 5	M	...
...	13·150	+58·368	0·65	...	...
*	12·975	+29·321	1·00	45.8566	9·6
...	12·968	+33·232	− 2	...	...
*	12·592	+ 5·840	1·80	45.8567	9·2

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−4.	No.	Mag.
511–570					
511					
...	−12·552	−47·248	− 2	...	...
...	12·520	+51·546	− 5	...	...
...	12·505	+28·181	− 2	...	...
...	12·327	+ 5·593	− 3	...	...
...	12·240	−23·616	− 5	...	...
...	−12·159	+16·255	− 2	...	...
...	11·974	+33·083	− 2	...	...
*	11·707	+22·336	1·50	45.8568	9·3
...	11·672	−54·150	− 5	M	...
...	11·661	−44·709	− 4	A	...
521					
...	−11·635	−30·353	− 4	...	...
...	11·570	+20·400	− 4	...	...
...	11·511	+25·752	0·95	45.8569	9·8
...	11·396	−34·251	− 3	...	...
*	11·302	+54·944	1·30	45.8570	9·4
...	−11·199	−38·450	0·75	...	...
S *	11·167	−17·132	2·65	46.8630	8·7
...	11·111	+17·201	− 4	...	...
...	11·051	−45·562	− 3	...	...
...	10·889	+56·612	− 2	...	...
531					
...	−10·749	−50·020	− 5	M	...
...	10·570	+42·437	− 1	...	...
...	10·511	+10·452	− 2	...	...
...	10·097	+ 1·524	− 1	45.8571	10·0
...	9·783	+16·567	− 5	...	...
*	− 9·616	− 6·984	1·90	46.8631	9·4
...	9·510	−38·368	− 5	M	...
...	9·467	−40·386	0·90	...	...
...	9·300	+56·689	− 5	...	...
...	9·116	+ 2·620	− 5	M	...
541					
...	− 9·070	− 0·305	− 5	M	...
...	8·943	+16·990	− 4	...	...
...	8·720	+54·357	0·80	...	...
...	8·613	−51·710	− 5	...	...
...	8·398	−48·077	− 4	...	...
...	− 8·378	− 7·012	− 5	M	...
*	8·254	+34·504	1·90	45.8572	8·9
...	8·108	+58·899	− 4	...	...
†	7·956	−44·668	− 5	M	...
...	7·916	+15·769	− 4	...	...
551					
...	− 7·701	+51·147	0·75	...	...
*	7·473	+20·477	2·00	45.8573	8·9
...	7·380	+49·654	− 3	...	...
...	7·364	+51·004	− 1	...	...
*	7·235	+28·677	2·00	45.8574	8·9
...	− 7·144	+26·029	− 4	...	...
*	7·120	+38·977	1·20	45.8575	9·6
...	6·930	− 0·439	− 5	M	...
...	6·726	+59·858	− 2	...	...
...	6·716	−56·595	− 4	...	...
561					
...	− 6·700	−28·525	− 5	...	...
S *	6·678	+15·966	5·00	45.8576	7·1
...	6·645	+17·918	− 5	...	...
...	6·430	+57·663	1·00	45.8577	10·0
...	6·425	−45·042	1·00	46.8633	10·0
...	− 6·203	+30·327	− 5	...	...
...	6·156	−29·160	− 1	46.8634	10·0
*	6·148	+ 2·516	1·40	45.8578	9·4
...	5·929	+13·500	1·00	45.8579	9·6
...	5·844	−48·632	1·00	46.8635	9·9

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−4.	No.	Mag.
571–630					
571					
...	− 5·633	+53·091	0·75	...	...
...	5·540	+52·395	− 5	...	...
...	5·521	−47·036	0·70	...	...
*	5·422	+14·812	6·50	45.8580	6·2
...	5·237	+43·265	− 5	...	...
*	− 5·104	+19·153	1·80	45.8581	9·1
...	4·976	−58·437	− 4	M	...
...	4·867	+31·744	− 2	...	...
...	4·812	−12·664	− 5	M	...
...	4·719	−29·483	− 5	...	...
581					
...	− 4·672	+54·221	0·80	45.8582	10·0
...	4·496	+39·047	− 4	...	...
...	4·473	−42·587	− 4	M	...
...	4·328	+59·926	− 2	...	...
...	4·282	−11·781	− 3	...	...
...	− 4·056	+53·341	− 5	...	...
...	3·850	− 3·405	− 1	46.8637	10·0
*	3·830	−30·499	3·10	46.8636	8·4
...	3·802	−57·087	− 2	...	...
...	3·727	−54·863	− 1	...	...
591					
...	− 3·683	−25·448	0·80	46.8638	9·9
...	3·597	+14·049	− 4	...	...
...	3·427	+21·780	− 1	45.8583	10·0
...	3·354	+30·866	− 5	...	...
...	3·354	+13·278	− 4	...	...
...	− 3·271	+45·996	− 1	...	...
*	3·195	−54·494	1·60	46.8639	9·1
...	3·086	+30·049	− 4	...	...
...	3·071	−43·484	− 4	...	...
...	3·067	−20·084	0·90	46.8641	9·8
601					
*	− 2·924	−37·632	2·00	46.8640	9·0
...	2·773	− 5·049	− 4	M	...
...	2·766	+25·448	− 5	...	...
...	2·715	+35·746	− 5	...	...
...	2·610	−43·231	0·90	46.8642	9·9
...	− 2·406	−41·946	0·70	...	...
...	2·333	+26·067	0·95	45.8584	9·6
...	2·317	+57·466	0·95	45.8585	9·8
...	2·203	−21·450	− 4	...	...
...	2·182	−45·636	0·70	...	...
611					
...	− 1·986	+40·788	0·85	45.8586	9·8
...	1·976	−52·754	− 5	M	...
...	1·921	+21·044	− 4	...	...
...	1·869	+38·384	− 1	...	...
...	1·746	+39·466	− 5	...	...
...	− 1·744	+12·253	− 5	M	...
...	1·734	+41·473	− 1	...	...
...	1·587	+51·622	0·90	45.8588	10·0
...	1·531	−48·030	− 5	M	...
M	1·472	+ 0·638	0·95	45.8587	9·8
621					
*	− 1·382	−51·633	2·40	46.8643	8·8
...	1·243	+ 9·692	0·80	45.8589	9·9
...	1·170	+30·837	− 5	...	...
*	1·148	−38·862	0·95	46.8644	9·6
...	1·146	+19·672	− 4	...	...
...	− 1·079	+ 5·799	− 5	M	...
...	0·954	−36·226	0·90	46.8645	9·8
...	0·799	−28·337	− 3	...	...
...	0·312	−11·930	0·95	46.8647	9·9
...	0·238	−40·066	0·70	46.8646	10·0

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
631–690					
631	′	′		°	
*	− 0·228	+27·196	1·00	45.8590	9·6
...	0·159	+ 6·495	0·85	45.8591	9·9
...	− 0·077	+21·271	− 5	M	...
†	+ 0·031	−26·049	− 1	46.8648	10·0
...	0·189	−55·248	− 5	M	...
...	+ 0·281	+25·240	− 5	...	...
...	0·554	−44·867	− 5	...	...
...	0·596	−18·495	− 5	M	...
...	0·845	+59·831	1·05	44.8506	9·9
...	0·917	+ 1·995	− 3	...	...
641					
...	+ 0·954	+41·317	− 5	...	...
...	0·990	−35·163	− 5	M	...
*	1·048	−34·345	1·20	46.8649	9·6
...	1·296	−31·546	1·00	46.8650	9·9
‡	1·337	+25·132	2·00	45.8593	8·8
...	+ 1·371	− 0·235	1·25	45.8592	9·5
*	1·609	+32·152	1·05	45.8594	9·8
*	1·739	+44·417	1·20	45.8595	9·6
...	1·864	+ 6·398	− 1	45.8596	9·9
...	1·874	+43·846	0·90	45.8597	10·0
651					
...	+ 1·981	+41·281	− 5	...	...
...	2·080	−21·556	− 5	M	...
*	2·224	−51·621	1·30	46.8651	9·4
*	2·289	+50·996	1·20	45.8598	9·5
...	2·350	−43·467	0·65	...	...
*	+ 2·424	+ 6·729	1·20	45.8599	9·8
...	2·638	−50·151	− 5	M	...
...	2·642	−34·382	0·90	...	...
...	2·741	−57·429	0·70	...	...
...	2·919	−47·798	− 4	...	...
661					
...	+ 2·929	−41·393	− 3	M	...
*	2·969	+32·170	2·00	45.8601	8·8
*	2·979	+18·717	2·00	45.8600	9·3
...	3·049	+44·281	− 3	...	...
...	3·067	−52·411	− 3	...	...
...	+ 3·074	−26·005	− 4	...	...
*	3·096	−51·648	3·00	46.8652	8·3
...	3·129	+40·571	− 5	...	...
...	3·162	+13·043	− 2	45.8602	10·0
...	3·473	+43·810	− 5	...	...
671					
...	+ 3·565	−26·343	− 4	...	...
...	3·695	+44·508	− 4	...	...
...	3·784	−29·141	− 5	...	...
...	4·008	−52·499	1·00	46.8653	10·0
...	4·038	−58·068	1·00	46.8654	10·0
...	+ 4·254	−38·084	− 5	M	...
S *	4·422	−56·369	4·90	46.8655	7·4
...	4·428	+53·584	− 5	...	...
...	4·656	−12·811	− 5	...	...
*	4·663	+59·226	1·20	44.8515	9·4
681					
...	+ 5·127	−57·001	− 4	...	...
...	5·312	−57·704	− 3	...	...
...	5·359	− 1·964	− 1	46.8656	10·0
...	5·363	+57·619	− 2	...	...
...	5·581	−20·407	− 2	...	...
...	+ 5·894	− 2·903	− 2	M	...
...	5·999	+ 4·685	− 5	M	...
...	6·025	+13·789	− 5	...	...
†	6·044	− 9·718	− 5	...	...
...	6·114	−50·495	− 4	M	...
691–750					
691	′	′		°	
...	+ 6·297	+34·811	− 1	...	...
...	6·330	−53·222	− 4	M	...
...	6·409	+44·433	− 1	...	...
*	6·560	+19·915	2·40	45.8603	8·4
...	6·608	+54·166	− 5	...	...
...	+ 6·693	−58·663	− 4	M	...
*	6·801	−20·844	1·80	46.8657	9·3
...	6·986	+47·471	− 3	...	...
...	7·043	+48·095	0·95	45.8605	10·0
...	7·061	−23·694	− 4	M	...
701					
...	+ 7·110	+ 8·322	0·95	45.8604	9·8
...	7·193	− 6·687	− 2	...	...
...	7·466	+44·875	− 5	...	...
...	7·531	−57·845	− 4	...	...
...	7·607	−49·395	− 5	M	...
...	+ 7·684	+57·553	− 3	...	...
*	7·684	−40·768	1·20	46.8658	9·6
...	7·742	− 1·289	− 1	...	...
...	7·822	−11·671	− 1	46.8659	10·0
...	8·036	− 4·664	− 2	...	...
711					
*	+ 8·222	+ 4·685	1·10	45.8606	9·4
...	8·358	−23·568	0·90	46.8660	10·0
*	8·363	+57·994	1·00	45.8608	9·6
...	8·382	+ 8·445	− 1	45.8607	9·9
...	8·460	+33·177	− 5	...	...
...	+ 8·485	− 6·200	− 4	...	...
...	8·539	−58·853	− 3	...	...
*	8·914	+21·172	2·40	45.8609	8·5
...	9·039	+13·912	− 5	...	...
...	9·063	−45·477	− 5	...	...
721					
...	+ 9·080	+39·346	0·80	...	...
*	9·175	+14·846	1·40	45.8610	9·5
*	9·182	+35·013	1·60	45.8611	9·2
...	9·214	+42·273	− 5	...	...
...	9·221	−17·304	− 5	...	...
...	+ 9·233	+47·739	− 4	...	...
...	9·333	−26·118	0·75	46.8661	10·0
...	9·461	−40·776	− 4	...	...
...	9·484	+23·388	0·90	45.8612	9·8
*	9·720	+34·528	1·40	45.8613	9·4
731					
...	+ 9·812	+14·399	− 2	...	...
†	9·974	+ 3·707	− 5	...	...
*	10·109	+ 4·307	1·40	45.8614	9·6
...	10·365	+20·885	− 3	...	...
...	10·390	+43·011	0·95	...	...
...	+10·475	+20·913	1·10	45.8615	9·8
...	10·498	+12·949	1·00	...	...
...	10·671	+34·798	− 3	...	...
*	10·753	−47·179	2·90	46.8662	8·6
...	10·800	−33·957	1·05	46.8663	10·0
741					
*	+10·813	+10·741	1·40	45.8616	9·5
...	10·828	−29·365	− 5	...	...
...	10·990	−56·767	− 4	...	...
...	11·120	+48·400	0·95	...	...
*	11·384	−47·232	1·20	46.8664	9·6
*	+11·502	+21·794	1·60	45.8617	9·6
†	11·516	−44·720	− 4	...	...
*	11·625	+46·545	1·10	45.8618	9·8
...	11·641	−34·276	1·00	...	...
...	11·817	+29·420	0·95	...	...
751–810					
751	′	′		°	
...	+11·840	+53·607	− 4	...	...
...	11·886	−29·344	1·05	...	...
...	11·948	−32·351	0·95	...	...
...	11·960	−33·410	0·80	...	...
...	12·017	−21·462	− 1	...	...
...	+12·207	+36·009	− 4	...	...
...	12·246	−26·513	1·00	...	...
...	12·421	+27·119	1·00	45.8619	9·8
...	12·476	−16·853	− 2	...	...
...	12·513	+31·285	− 5	...	...
761					
*	+12·598	−26·355	2·20	46.8665	8·7
...	12·678	+10·688	− 1	...	...
...	12·679	+26·926	− 2	...	...
...	12·701	− 4·448	− 4	...	...
...	12·839	−48·895	− 4	...	...
S *	+12·881	+46·343	2·30	45.8620	8·8
...	12·890	+54·928	− 4	...	...
...	13·281	+14·759	− 5	...	...
...	13·437	−52·252	− 3	...	...
...	13·487	+27·077	0·95	...	...
771					
...	+13·586	+35·923	− 2	...	...
...	13·829	−29·449	− 5	...	...
...	13·988	−20·601	− 5	...	...
...	14·153	+14·748	− 5	...	...
...	14·437	− 4·904	1·00	46.8666	9·8
...	+14·492	−48·341	− 5	...	...
...	14·674	+43·272	− 5	...	...
...	15·227	−24·197	− 5	...	...
...	15·418	+52·584	− 4	...	...
...	15·427	−32·005	− 4	...	...
781					
...	+15·629	−18·225	0·90	46.8667	9·8
...	15·720	+16·819	− 3	...	...
...	15·769	+ 6·849	− 3	...	...
...	15·804	+55·954	− 5	...	...
...	15·881	−29·620	0·80	...	...
*	+15·925	+ 2·111	1·20	45.8621	9·6
...	16·026	−50·651	0·70	...	...
...	16·240	+44·218	− 4	...	...
*	16·286	−20·482	1·30	46.8668	9·4
...	16·309	−37·472	− 5	...	...
791					
*	+16·422	−24·009	1·90	46.8669	9·1
...	16·475	+42·264	0·85	...	...
*	16·542	−33·090	1·10	46.8671	9·8
*	16·544	− 5·895	1·60	46.8670	9·4
...	16·640	− 4·106	− 5	...	...
...	+16·705	−30·795	− 3	...	...
...	16·935	−41·560	0·80	...	...
...	16·967	+29·545	− 2	...	...
*	17·118	+50·912	2·20	45.8622	8·8
...	17·179	+48·740	0·70	...	...
801					
...	+17·343	−58·123	− 2	...	...
...	17·374	+ 2·518	1·00	45.8623	9·8
...	17·410	+35·413	− 4	...	...
*	17·421	−38·010	1·00	46.8672	9·6
...	17·492	−30·154	− 5	...	...
...	+17·608	−45·735	− 3	...	...
...	17·660	−18·279	− 4	...	...
*	17·697	−25·271	1·60	46.8673	9·3
...	17·870	−22·302	− 4	...	...
...	18·040	+29·655	− 3	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
811-870					
811					
*	+18′·123	− 4′·977	1·50	46°.8674	9·5
...	18·446	−22·096	− 2	...	...
*	18·480	+56·323	0·95	...	...
...	18·695	+47·255	− 3	...	...
...	18·794	+31·373	− 4	...	...
...	+18·967	−40·313	− 1	...	...
...	19·081	+51·649	− 4	...	...
...	19·167	−29·216	− 1	...	...
...	19·171	−18·037	− 5	...	...
...	19·198	−35·268	− 4	...	...
821					
...	+19·273	− 7·416	− 1	...	...
...	19·583	+40·918	− 1	...	...
...	19·684	+41·182	− 5	...	...
...	19·729	+29·386	− 4	...	...
...	19·752	−49·365	− 2	...	...
...	+19·776	−59·294	− 2	...	...
*	19·824	− 6·562	1·50	46.8675	9·4
...	19·888	+13·582	− 1	...	...
S ‡	19·962	−36·830	4·20	46.8676	7·4
*	20·417	+ 7·753	1·20	45.8624	9·8
831					
...	+20·493	+ 0·017	− 2	α	...
...	20·597	+11·849	− 1	...	...
...	20·637	+38·699	− 4	...	...
*	20·649	+ 2·118	1·35	45.8625	9·8
...	20·700	+31·543	0·70	...	...
...	+20·714	+53·944	1·20	...	...
*	20·807	−22·388	1·15	46.8677	9·8
...	20·833	+ 9·082	− 3	...	...
...	20·936	+45·314	− 4	...	...
...	21·110	+37·274	− 5	...	...
841					
...	+21·190	−30·138	− 4	...	...
...	21·426	−32·683	− 2	...	...
...	21·489	−13·989	− 3	...	...
*	21·492	+44·817	1·80	45.8626	9·3
*	21·509	+48·742	1·15	45.8627	9·8
...	+21·520	−49·490	− 3	...	...
...	21·573	+17·590	− 5	...	...
*	21·583	+44·105	1·00	...	...
...	21·663	+ 2·544	− 4	...	...
...	21·756	−29·617	0·65	...	...
851					
...	+21·820	−20·192	− 1	...	...
...	22·175	−46·854	− 3	...	...
*	22·178	+51·256	1·00	...	...
...	22·234	+37·660	− 3	...	...
...	22·264	−14·984	− 5	...	...
N *	+22·766	− 4·350	2·00	46.8678	9·2
...	22·792	− 3·950	− 3	...	...
...	22·941	+50·730	0·90	...	...
...	23·363	−11·382	− 5	...	...
...	23·371	−21·119	− 1	...	...
861					
...	+23·420	+36·189	1·00	...	...
...	23·501	+49·846	− 4	...	...
...	23·632	−24·040	− 4	...	...
...	23·689	−26·527	− 3	...	...
...	23·818	+55·136	0·90	...	...
...	+23·827	+16·450	− 4	...	...
...	23·994	+11·124	− 5	...	...
...	24·020	+11·246	− 1	...	...
*	24·020	−32·667	1·35	46.8679	9·6
...	24·231	+49·063	− 2	...	...
871-930					
871					
*	+24′·244	+ 4′·583	1·00	...	...
...	24·316	+ 7·434	− 4	...	...
...	24·515	+33·558	0·75	...	...
...	24·597	−48·914	− 5	...	...
*	24·603	+ 0·948	1·90	45.8628	9·5
...	+24·633	+32·918	0·95	...	...
*	24·784	−55·595	3·00	46.8680	8·2
...	24·830	− 6·142	− 5	...	...
*	24·865	+41·729	1·30	45.8629	9·6
...	25·141	−28·145	− 3	...	...
881					
*	+25·292	−57·913	1·40	46.8681	9·4
...	25·300	+38·714	− 2	...	...
...	25·337	+59·143	− 1	...	...
...	25·456	−28·558	− 2	...	...
...	25·676	−36·469	− 2	...	...
†	+25·742	+20·079	− 1	...	...
...	25·799	−13·299	− 1	...	...
...	25·908	−29·544	− 5	...	...
*	25·916	+21·686	2·60	45.8630	8·6
...	26·160	+39·184	− 1	...	...
891					
...	+26·289	+32·643	− 4	...	...
...	26·411	−23·700	0·95	...	...
...	26·495	+44·360	− 5	...	...
...	26·501	+16·570	0·90	...	...
...	26·528	−47·642	− 1	...	...
...	+26·606	+42·575	0·65	...	...
...	26·654	− 5·180	− 4	...	...
...	26·753	− 4·624	− 4	...	...
...	26·754	−26·791	− 1	...	...
...	26·789	−52·509	− 4	...	...
901					
...	+26·825	+57·245	− 1	...	...
...	26·977	−26·361	− 2	...	...
...	27·026	+42·619	0·65	...	...
...	27·066	+37·579	− 3	...	...
...	27·234	+56·059	− 5	...	...
S *	+27·343	− 4·003	2·90	46.8682	8·4
...	27·385	+25·504	− 1	...	...
...	27·408	−51·327	− 5	...	...
...	27·482	−28·419	− 3	...	...
...	27·619	−10·767	− 2	...	...
911					
...	+27·679	−19·161	− 2	...	...
...	27·682	− 1·723	− 4	...	...
...	27·751	+47·141	− 1	...	...
...	27·918	−32·061	− 3	...	...
...	27·975	+ 3·651	− 5	...	...
...	+27·998	−10·254	− 1	...	...
*	28·012	−41·066	1·50	46.8683	9·5
...	28·088	+14·891	− 1	...	...
...	28·183	+37·630	− 3	...	...
...	28·252	−31·686	− 1	...	...
921					
†	+28·309	−59·660	− 3	...	...
*	28·420	− 7·219	2·10	46.8684	8·8
...	28·624	+11·882	− 5	...	...
...	28·922	+11·805	− 4	...	...
*	28·925	+58·172	1·10	45.8631	9·8
...	+29·182	−54·391	− 5	...	...
...	29·290	−24·515	− 1	...	...
...	29·293	+ 9·679	− 3	...	...
...	29·306	+51·999	0·80	...	...
*	29·420	−53·899	1·20	46.8685	9·8
931-990					
931					
...	+29′·453	−51′·715	0·80	...	...
...	29·463	−29·078	− 2	...	...
...	29·619	−31·276	− 4	...	...
...	29·634	−33·136	− 2	...	...
*	29·717	+35·883	1·80	45.8632	9·4
...	+29·768	−41·151	− 2	...	...
†	29·868	+ 2·443	− 3	...	...
†	29·935	+20·688	− 3	...	...
†	29·951	+35·697	− 5	...	...
...	30·029	+10·007	− 5	...	...
941					
...	+30·093	−52·689	− 4	...	...
...	30·162	+16·198	− 4	...	...
*	30·255	+23·069	2·00	45.8633	9·4
...	30·417	−37·171	0·85	...	...
...	30·569	− 6·595	− 3	...	...
...	+30·728	−32·039	1·05	46.8686	9·8
*	30·811	−29·382	1·15	46.8687	9·8
...	30·909	− 1·444	1·00	...	...
*	31·171	−28·674	1·30	46.8688	9·5
...	31·231	+ 5·697	1·00	...	...
951					
...	+31·387	+46·506	− 3	...	...
...	31·399	−17·933	− 1	...	...
*	31·428	+ 8·707	1·40	45.8634	9·5
...	31·699	−50·249	0·70	...	...
*	31·720	−43·216	1·15	46.8689	9·8
...	+31·751	+ 2·567	− 5	...	...
...	31·831	+15·935	− 1	...	...
n *	31·904	+13·499	1·00	45.8636	9·8
...	31·933	−37·635	0·80	...	...
n	32·036	+13·302	1·00	45.8636	9·8
961					
*	+32·037	+47·952	2·00	45.8635	9·3
...	32·142	−46·805	− 5	a	...
...	32·274	+59·387	− 5	a	...
*	32·281	+41·160	1·10	45.8637	9·8
...	32·300	−39·850	− 4	...	...
...	+32·325	−49·018	− 3	...	...
*	32·424	−27·694	2·00	46.8690	9·3
*	32·458	+59·034	1·05	...	...
*	32·495	−12·162	2·00	46.8691	9·4
...	32·495	−36·086	− 3	...	...
971					
...	+32·514	+38·212	1·00	...	...
...	32·535	+30·919	− 5	...	...
*	32·548	+46·928	1·15	45.8638	9·8
...	32·583	−33·444	− 5	...	...
‡	32·884	−54·575	1·40	46.8692	9·2
...	+33·054	+ 0·596	− 1	...	...
...	33·221	+28·782	− 1	...	...
...	33·413	+22·303	− 4	...	...
†	33·468	+59·998	− 1	...	...
...	33·535	−11·957	− 1	...	...
981					
*	+33·593	+ 3·293	1·00	...	...
*	33·643	−35·821	1·00	...	...
...	33·685	+26·877	− 3	...	...
...	33·957	+43·804	0·75	...	...
...	34·213	+54·510	0·70	...	...
...	+34·317	+13·538	− 1	...	...
...	34·336	−33·926	− 5	...	...
...	34·373	+42·820	1·00	...	...
...	34·376	+31·904	− 5	...	...
...	34·435	−38·294	− 3	...	...

856. Obscures 2nd image of 857.
958, 960. C.P.D., mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
991–1050					
991					
...	+34·464	+31·472	− 2	...	...
...	34·562	+39·611	1·00	...	...
...	34·707	+ 2·216	− 5	...	...
†	34·871	−55·446	− 3	...	...
...	34·910	−44·008	0·85	...	...
†	+34·973	+44·532	1·00	...	...
...	35·250	−22·485	− 2	...	...
...	35·365	−16·335	− 1	...	...
...	35·444	+16·142	− 4	...	...
†	35·461	+10·203	− 4	...	...
1001					
...	+35·527	−51·655	− 5	...	...
...	35·597	−31·868	− 5	...	...
...	35·689	− 5·003	− 1	...	...
...	35·732	+43·343	0·95	45.8639	9·8
...	35·799	+57·423	− 3	...	...
...	+35·804	−49·556	− 5	...	...
...	35·837	−36·409	− 5	...	...
...	35·914	+33·708	− 5	...	...
...	35·998	+42·916	− 1	...	...
...	36·101	+24·136	− 4	...	...
1011					
‡	+36·105	+40·002	1·30	45.8640	9·6
...	36·152	+53·216	− 1	...	...
...	36·152	+28·970	− 2	...	...
...	36·160	+44·376	0·80	...	...
...	36·160	+21·933	− 3	...	...
...	+36·193	+ 9·080	− 3	...	...
...	36·502	+30·006	− 5	...	...
...	36·570	−38·098	0·75	...	...
*	36·677	+21·719	2·00	45.8641	9·1
...	36·680	+16·990	− 3	...	...
1021					
...	+36·726	+18·174	− 5	...	...
...	36·842	−27·362	− 5	...	...
...	37·117	− 1·970	− 4	...	...
...	37·141	+ 4·074	− 5	...	...
*	37·163	+21·971	1·00	45.8642	9·6
...	+37·164	+56·144	0·80	...	...
...	37·446	+13·115	0·85	...	...
...	37·555	−46·815	− 4	...	...
...	37·577	−18·930	− 2	...	...
*	37·655	+52·773	1·30	45.8643	9·6
1031					
...	+37·685	−15·284	0·80	...	...
...	37·714	+15·350	− 4	...	...
*	37·727	−26·336	1·00	46.8693	9·8
...	37·854	−29·450	− 4	...	...
...	37·904	+11·371	− 3	...	...
...	+38·230	+ 6·766	− 1	...	...
...	38·359	−38·310	− 5	...	...
...	38·486	+10·501	− 4	...	...
*	38·652	− 2·364	1·50	46.8694	9·3
...	38·686	−55·483	− 3	...	...
1041					
...	+38·700	−20·582	0·80	...	...
...	38·704	+38·358	− 5	...	...
...	38·776	+ 5·255	− 3	...	...
‡	38·943	− 4·685	2·90	46.8695	8·5
...	39·071	−25·938	0·75	...	...
...	+39·129	−42·255	− 3	...	...
...	39·142	−51·896	− 5	*a*	...
...	39·148	+44·594	− 1	...	...
...	39·216	−28·278	− 5	...	...
...	39·237	+13·685	− 4	...	...
1051–1110					
1051					
...	+39·430	−14·330	− 3	...	...
*	39·541	+11·089	2·40	45.8644	8·6
...	39·673	+14·666	0·75	...	...
†	39·837	−25·684	− 2	...	...
...	39·868	+48·082	0·80	...	...
†	+39·917	−29·531	1·00	...	...
...	40·009	+19·339	− 4	...	...
...	40·034	− 1·727	− 4	...	...
...	40·089	−45·947	− 2	...	...
...	40·265	−14·609	− 4	...	...
1061					
...	+40·355	−31·790	− 5	...	...
...	40·374	+28·312	− 3	...	...
*	40·385	+20·794	2·40	45.8645	8·9
...	40·515	+31·985	− 4	...	...
...	40·567	+57·141	− 4	...	...
...	+40·624	+17·259	− 4	...	...
...	40·630	+34·751	− 5	...	...
*	40·697	−37·145	1·00	...	...
...	40·716	−11·436	− 2	...	...
‡	40·945	+45·066	1·30	45.8646	9·6
1071					
...	+41·155	+55·926	− 1	...	...
...	41·181	−24·494	− 5	...	...
...	41·214	+46·684	− 5	...	...
*	41·444	−28·482	2·00	46.8696	9·1
...	41·481	−11·319	− 2	...	...
...	+41·543	+35·756	− 4	...	...
*	41·558	+19·495	1·20	45.8648	9·8
...	41·623	−27·141	1·00	...	...
...	41·624	−27·440	− 5	...	...
...	41·626	−44·809	− 5	...	...
1081					
*	+41·669	−29·157	2·00	46.8697	8·9
...	41·691	+26·420	− 5	...	...
*	41·692	−45·525	1·15	46.8698	9·8
...	41·810	−23·419	− 3	...	...
*	41·843	+42·383	1·35	45.8647	9·6
...	+42·091	+35·871	− 5	...	...
...	42·095	+10·668	− 5	...	...
...	42·145	+26·087	1·05	45.8649	9·8
...	42·373	−39·015	− 4	...	...
*	42·406	−49·429	2·00	46.8699	9·1
1091					
...	+42·454	− 4·684	1·00	...	...
*	42·610	−52·878	1·20	46.8701	9·8
...	42·647	+58·810	1·00	...	...
...	42·648	−55·073	− 5	...	...
*	42·739	−48·659	1·25	46.8700	9·6
*	+42·744	+46·776	2·00	45.8650	9·6
...	42·825	+35·302	− 5	...	...
...	42·861	−29·456	1·00	...	...
...	42·888	−43·931	− 3	...	...
*	43·201	−45·664	1·35	46.8702	9·4
1101					
...	+43·254	+26·050	0·80	...	...
*	43·309	+39·231	1·20	45.8651	9·8
*	43·335	+14·417	1·15	45.8652	9·8
‡	43·383	−34·720	1·10	46.8703	9·6
...	43·500	−33·871	− 4	...	...
...	+43·554	+31·720	0·90	...	...
...	43·593	+59·834	− 1	...	...
*	43·683	−53·086	1·40	46.8704	9·3
...	43·846	−48·738	− 4	...	...
*	43·891	+ 1·827	1·10	...	...
1111–1170					
1111					
...	+44·279	−37·850	− 4	...	...
...	44·422	+57·491	− 5	...	...
...	44·423	−30·744	− 4	...	...
...	44·487	+24·328	1·00	...	...
...	44·518	− 2·190	1·00	...	...
...	+44·664	−36·406	− 2	...	...
...	44·687	−12·844	− 2	...	...
...	44·698	−13·801	− 5	...	...
...	44·707	+34·642	0·90	...	...
†	44·758	−56·089	− 2	...	...
1121					
†	+44·900	+36·196	− 4	...	...
†	44·998	+45·418	− 5	...	...
...	45·175	+34·688	− 2	...	...
...	45·438	+37·756	− 1	...	...
S *	45·540	+31·888	2·90	45.8653	8·4
...	+45·688	+26·925	− 3	...	...
...	45·692	−43·542	− 2	...	...
...	45·739	+51·768	− 2	...	...
n	45·831	+ 1·861	0·85	45.8654	7·3
...	45·834	+35·519	0·75	...	...
1131					
...	+45·942	−28·066	− 5	...	...
S*n* *	45·983	+ 2·118	4·80	45.8654	7·3
...	45·990	−23·257	− 4	...	...
...	46·018	− 1·750	0·80	...	...
...	46·066	−31·584	− 4	...	...
...	+46·186	+20·865	− 5	...	...
*	46·230	−23·063	1·20	46.8705	9·4
...	46·246	+35·361	− 3	...	...
...	46·277	−27·800	0·90	...	...
...	46·354	+37·604	0·80	...	...
1141					
...	+46·362	+11·011	− 4	...	...
...	46·363	− 8·524	− 5	...	...
...	46·654	−22·905	− 4	...	...
...	46·656	−43·443	− 5	...	...
...	46·707	−52·383	− 1	...	...
...	+46·751	−23·447	− 1	...	...
...	46·774	−33·403	− 5	...	...
...	46·940	−24·048	− 2	...	...
...	47·022	−29·590	− 1	...	...
...	47·062	+40·297	− 4	...	...
1151					
...	+47·148	−10·038	− 3	...	...
*	47·204	− 1·228	3·10	45.8655	8·4
*	47·258	−47·696	1·60	46.8706	9·5
...	47·281	+52·469	− 3	...	...
*	47·522	+ 4·353	1·00	45.8656	9·6
...	+47·560	+35·214	− 2	...	...
...	47·665	+56·310	− 1	...	...
...	47·709	+39·563	− 4	...	...
...	47·715	− 8·090	− 1	...	...
...	47·773	+ 7·921	− 3	...	...
1161					
‡	+47·938	+ 5·164	1·90	45.8657	8·9
†	47·982	−39·787	− 1	...	...
*	47·990	+17·626	1·10	45.8658	9·8
...	47·999	+53·460	− 4	...	...
...	48·004	+13·493	− 4	...	...
...	+48·037	+40·454	− 2	...	...
...	48·052	−24·526	0·90	46.8707	9·8
...	48·064	+37·076	− 2	...	...
...	48·067	+59·879	− 4	...	...
...	48·078	−23·638	− 2	...	...

1129, 1132. C.P.D., probably mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
1171–1220					
1171					
...	+48·251	+57·700	0·80	...	...
...	48·458	+26·638	− 3	...	...
...	48·657	+50·455	0·65	...	...
...	48·680	+20·282	− 1	...	...
...	48·848	+21·410	0·90	...	...
...	+48·867	− 5·966	0·90	...	...
...	48·970	−29·187	0·90	...	...
...	49·049	+ 3·603	− 1	...	...
...	49·163	+58·184	0·90	...	...
...	49·203	−56·419	− 4	...	...
1181					
...	+49·240	+54·613	0·80	...	...
...	49·331	− 9·200	− 5	...	...
...	49·343	+15·793	0·70	...	...
...	49·435	−49·515	− 5	*e*	...
†	49·475	+35·091	0·70	...	...
...	+49·488	+59·594	− 3	...	...
...	49·728	+34·912	− 2	...	...
...	49·784	+30·375	− 1	...	...
...	49·824	+40·696	− 5	...	...
...	49·837	+31·321	− 3	...	...
1191					
†	+49·842	−58·997	− 5	...	...
...	50·147	−47·382	− 5	...	...
...	50·217	− 5·761	− 4	...	...
*	50·346	+16·266	1·40	45.8659	9·3
...	50·443	−22·574	− 3	...	...
...	+50·456	+30·858	− 3	...	...
...	50·471	+46·550	− 4	...	...
...	50·613	+14·641	− 2	...	...
*	50·659	+ 1·212	1·70	45.8660	9·6
...	50·796	−51·821	− 1	...	...
1201					
...	+50·804	−46·383	1·00	...	...
*	50·807	+10·013	1·10	45.8661	9·8
S *	50·809	−33·559	2·80	46.8708	8·6
...	50·875	− 3·616	− 3	...	...
*	50·991	+12·885	3·00	45.8662	8·5
...	+51·298	+ 7·319	− 5	...	...
...	51·514	−25·123	− 2	...	...
...	51·625	− 8·063	1·00	...	...
...	51·709	+23·122	− 4	...	...
...	51·761	−17·089	− 5	...	...
1211					
...	+51·845	− 3·590	− 3	...	...
...	51·938	+ 6·639	− 5	...	...
...	51·984	− 5·221	0·85	...	...
...	52·037	−13·980	− 4	...	...
...	52·039	+57·734	1·00	...	...
...	+52·121	−18·629	− 5	...	...
...	52·194	−22·071	1·00	...	...
*	52·395	+52·554	1·50	45.8663	9·6
...	52·420	−53·379	− 4	...	...
...	52·473	+59·337	− 1	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
1221–1270					
1221					
...	+52·542	+12·308	1·10	45.8664	9·8
*	52·551	−48·277	2·10	46.8709	9·0
...	52·595	− 6·803	1·00	...	...
...	52·747	+31·568	− 5	...	...
...	52·762	+24·473	− 2	...	...
†	+52·917	−29·802	− 5	...	...
...	52·969	−33·591	− 5	...	...
...	52·982	−11·630	− 4	...	...
...	52·999	− 9·127	− 2	...	...
...	53·263	+11·842	− 2	...	...
1231					
*	+53·282	+ 7·169	1·35	45.8665	9·8
...	53·340	−17·649	− 5	...	...
*	53·539	−26·311	1·35	46.8710	9·4
...	53·639	−18·957	0·90	...	...
...	53·694	+20·573	− 2	...	...
...	+53·729	− 3·261	0·70	...	...
...	53·808	+16·861	− 5	...	...
*	54·062	−31·389	1·70	46.8711	9·5
...	54·155	+14·148	− 2	...	...
...	54·204	+35·622	− 4	...	...
1241					
...	+54·231	+31·832	− 5	...	...
...	54·236	−27·782	0·85	...	...
...	54·263	−47·393	− 4	...	...
...	54·358	− 5·877	− 3	...	...
...	54·422	−22·471	− 5	...	...
...	+54·452	+ 7·512	0·90	...	...
...	54·692	− 3·582	− 4	...	...
...	54·702	−23·171	− 5	...	...
...	54·707	+37·825	− 4	...	...
†	54·863	−37·541	− 1	...	...
1251					
...	+54·915	−56·636	− 4	...	...
*	54·997	+12·874	1·30	45.8666	9·5
...	54·998	+11·247	− 3	...	...
...	55·015	+46·660	− 4	...	...
...	55·021	+ 5·603	− 4	...	...
...	+55·230	+ 3·001	− 3	...	...
*	55·239	+ 9·234	1·60	45.8667	9·3
...	55·485	+50·785	− 4	...	...
...	55·510	−57·716	− 3	...	...
...	55·515	+10·754	− 5	...	...
1261					
...	+55·550	−35·829	0·90	...	...
...	55·723	+41·809	− 5	*e*	...
...	55·883	−35·534	− 5	...	...
*	56·029	−11·327	2·60	46.8712	8·5
...	56·048	+33·292	− 2	...	...
...	+56·431	+10·236	− 5	...	...
...	56·593	−32·482	− 5	...	...
*	56·621	+17·790	1·80	45.8668	9·2
...	56·711	+55·725	− 5	*e*	...
...	56·743	−50·085	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
1271–1317					
1271					
†	+56·812	−34·845	− 4	...	...
...	56·831	−16·638	− 3	...	...
...	56·917	−17·257	− 1	...	...
...	56·961	− 6·408	− 4	...	...
...	57·012	+ 2·037	− 2	...	...
...	+57·152	+41·022	− 3	...	...
...	57·202	− 9·758	− 3	...	...
...	57·263	−44·011	− 1	...	...
...	57·277	−25·896	0·80	...	...
...	57·332	+30·431	− 4	...	...
1281					
...	+57·412	−19·599	− 5	...	...
...	57·474	− 1·076	− 1	...	...
...	57·483	−56·183	− 5	...	...
...	57·491	+10·425	− 4	...	...
...	57·500	+57·794	− 4	...	...
...	+57·570	−46·945	0·80	...	...
...	57·627	− 0·696	0·70	*e*	...
...	57·629	+16·554	− 4	...	...
...	57·722	− 3·797	− 5	...	...
...	57·779	− 5·818	0·65	...	...
1291					
...	+57·780	+ 8·491	− 4	...	...
...	57·841	− 4·518	0·90	...	...
...	57·914	−34·907	0·95	...	...
...	57·976	+ 9·374	− 4	...	...
...	58·028	+ 1·363	− 3	...	...
...	+58·056	+33·802	− 1	...	...
*	58·084	−21·562	1·00	46.8713	9·8
...	58·099	− 2·096	− 1	...	...
*	58·180	−27·036	1·40	46.8714	9·4
...	58·284	− 7·101	− 4	...	...
1301					
...	+58·374	+ 2·435	− 5	...	...
...	58·553	+29·967	− 1	...	...
...	58·572	+11·177	− 3	...	...
...	58·914	−28·048	− 5	...	...
...	59·116	+43·615	− 5	...	...
...	+59·277	−22·108	− 5	...	...
...	59·341	+42·078	0·90	...	...
†	59·422	−59·714	− 2	...	...
...	59·507	+50·867	− 5	...	...
...	59·540	+12·060	0·90	...	...
1311					
*	+59·571	+21·756	1·70	45.8670	9·3
...	59·605	− 5·748	0·90	...	...
...	59·701	+37·122	− 4	...	...
...	59·734	+48·509	− 5	*m*	...
†	59·825	+29·671	− 5	...	...
‡	+59·841	+42·645	1·90	45.8669	9·4
‡	59·881	+34·852	1·60	45.8671	9·4

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1–60					
1				°	
†	−59·973	−44·209	− 3	...	...
‡	59·941	−48·949	1·40	46.8700	9·6
†	59·934	−53·162	1·00	46.8701	9·8
...	59·853	−55·355	− 5	...	...
...	59·738	+ 7·247	− 5	...	...
*	−59·737	−34·992	1·00	46.8703	9·6
S *	59·689	+31·660	2·60	45.8653	8·4
...	59·665	−34·133	− 4	...	...
...	59·649	− 2·429	0·90	...	...
*	59·596	−45·935	1·80	46.8702	9·4
11					
...	−59·583	− 4·220	− 5	...	...
...	59·519	+35·295	0·80	...	...
...	59·426	−33·942	− 5	...	...
...	59·402	+26·708	− 3	...	...
...	59·381	+10·057	− 4	...	...
...	−59·317	+12·184	− 4	...	...
...	59·149	−13·075	− 1	...	...
...	59·117	−14·038	− 5	...	...
...	59·104	+35·160	− 2	...	...
...	59·069	+37·397	0·80	...	...
21					
*	−58·855	−53·330	1·40	46.8704	9·3
...	58·850	−30·986	− 4	...	...
...	58·838	+ 9·049	− 5	M	...
...	58·838	−48·988	− 4	...	...
...	58·750	−38·090	− 2	...	...
...	−58·709	+20·663	− 5	...	...
...	58·608	+52·291	− 3	...	...
n *	58·451	+ 1·657	0·90	45.8654	7·3
...	58·436	−36·637	− 2	...	...
...	58·416	+40·123	− 4	...	...
31					
...	−58·349	+56·159	− 1	...	...
Sn*	58·286	+ 1·913	4·10	45.8654	7·3
...	58·223	+10·820	− 4	...	...
...	58·206	−49·428	− 4	...	...
...	58·164	− 1·958	0·75	...	...
...	−57·930	+53·314	− 4	...	...
...	57·798	+57·563	− 1	...	...
...	57·791	+39·419	− 4	...	...
...	57·778	+35·060	− 1	...	...
...	57·704	−56·310	− 1	...	...
41					
...	−57·604	− 8·711	− 4	...	...
...	57·514	−17·701	− 4	...	...
...	57·511	−23·459	− 4	...	...
...	57·469	+40·309	− 3	...	...
...	57·397	−28·253	− 4	...	...
*	−57·268	−23·241	1·00	46.8705	9·4
...	57·173	−31·771	− 4	...	...
...	57·160	+50·341	− 1	...	...
...	57·154	−43·730	− 3	...	...
...	57·078	−27·985	0·90	...	...
51					
*	−56·972	− 1·386	2·90	45.8655	8·4
...	56·911	+58·071	0·95	...	...
*	56·849	+ 4·201	1·10	45.8656	9·6
...	56·849	−23·081	− 4	...	...
*	56·803	+17·483	1·00	45.8658	9·8
...	−56·772	−10·207	− 3	...	...
...	56·728	−23·619	0·65	...	...
...	56·722	+54·509	0·90	...	...
...	56·713	+ 7·773	− 2	...	...
...	56·662	+13·370	− 4	...	...
61–120					
61				°	
...	−56·630	+59·493	− 4	...	...
...	56·623	+26·520	− 3	...	...
...	56·538	−24·208	− 2	...	...
*	56·451	+ 5·027	1·80	45.8657	8·9
...	56·379	−33·563	− 5	...	...
...	−56·271	−29·740	− 1	...	...
...	56·261	− 8·225	− 1	...	...
...	56·203	+20·175	0·65	...	...
...	56·060	+21·302	0·95	...	...
...	55·870	−52·540	− 1	...	...
71					
...	−55·862	+34·991	− 1	...	...
...	55·609	+34·826	− 2	...	...
*	55·458	−47·828	1·60	46.8706	9·5
...	55·409	+30·291	0·75	...	...
...	55·406	−23·763	− 1	...	...
...	−55·394	+15·704	0·75	...	...
...	55·394	−24·649	0·90	46.8707	9·8
...	55·382	+31·236	− 3	...	...
...	55·378	+27·485	− 5	...	...
...	55·308	+ 3·511	0·65	...	...
81					
...	−55·219	+46·471	− 2	...	...
*	55·188	− 6·066	0·95	...	...
†	54·989	−39·911	− 2	...	...
...	54·761	+30·781	0·65	...	...
...	54·612	− 9·286	− 5	...	...
*	−54·395	+16·196	1·40	45.8659	9·3
...	54·344	−29·274	0·95	...	...
...	54·089	+14·576	0·70	...	...
...	54·032	+57·703	1·00	...	...
...	53·831	− 5·833	− 2	...	...
91					
*	−53·735	+ 9·954	1·00	45.8661	9·8
...	53·650	+59·319	0·80	...	...
*	53·635	+12·827	2·40	45.8662	8·5
*	53·612	+ 1·148	1·30	45.8660	9·6
*	53·484	+52·530	1·60	45.8663	9·6
...	−53·277	+50·692	− 4	...	...
...	53·248	+23·100	− 3	...	...
...	53·248	−57·661	− 5	...	...
...	53·244	− 3·658	− 3	...	...
...	53·238	−56·491	− 4	...	...
101					
...	−53·235	−49·588	− 5	E	...
...	53·168	+ 7·281	− 3	...	...
...	53·119	+26·111	− 4	...	...
...	53·070	−22·625	− 2	...	...
...	52·765	− 6·564	− 5	...	...
...	−52·581	−47·432	− 3	...	...
...	52·513	−59·063	− 3	...	...
...	52·506	+ 6·622	− 3	...	...
...	52·481	+31·586	− 5	...	...
S *	52·347	−33·599	2·20	46.8708	8·6
111					
...	−52·344	− 8·072	0·90	...	...
...	52·272	− 3·604	− 3	...	...
...	52·250	+24·479	− 2	...	...
...	52·096	− 5·228	0·65	...	...
*	52·073	+12·318	0·95	45.8664	9·8
...	−51·972	−46·413	0·80	...	...
...	51·939	−17·105	− 5	...	...
†	51·929	−25·137	− 2	...	...
...	51·799	−51·857	0·70	...	...
...	51·741	−13·978	− 2	...	...
121–180					
121				°	
...	−51·538	+12·804	− 5	...	...
...	51·521	−18·620	− 4	...	...
...	51·433	− 6·789	0·65	...	...
...	51·344	+11·872	− 2	...	...
...	51·341	−22·066	0·85	...	...
*	−51·188	+ 7·199	1·10	45.8665	9·8
...	51·182	+20·620	0·65	...	...
...	51·147	+35·670	− 3	...	...
...	51·003	+31·883	− 4	...	...
...	50·952	+16·915	− 3	...	...
131					
...	−50·940	− 9·092	− 2	...	...
...	50·892	−11·599	− 3	...	...
...	50·715	+37·893	− 3	...	...
...	50·684	+46·726	− 4	...	...
...	50·538	+14·211	− 2	...	...
...	−50·405	− 3·214	0·70	...	...
...	50·383	−29·774	− 5	...	...
...	50·341	−17·594	− 4	...	...
...	50·339	+50·872	− 4	...	...
...	50·240	+ 3·742	− 5	...	...
141					
...	−50·201	−33·554	− 4	...	...
*	50·174	−48·244	1·90	46.8709	9·0
...	50·164	−13·360	− 5	...	...
...	50·127	−53·329	− 2	...	...
...	50·103	−39·217	− 5	M	...
...	−50·088	+53·720	− 5	...	...
†	50·062	−57·506	− 5	M	...
†	50·026	+ 7·587	0·80	...	...
†	49·985	−18·903	− 2	...	...
*	49·880	−26·260	1·00	46.8710	9·4
151					
...	−49·823	+41·897	− 4	E	...
...	49·704	− 5·804	− 2	...	...
*	49·644	+12·945	1·00	45.8666	9·5
...	49·595	+11·315	− 3	...	...
...	49·436	− 3·501	− 3	...	...
...	−49·374	+ 5·680	− 5	...	...
*	49·290	+ 9·327	1·50	45.8667	9·3
...	49·270	+55·854	− 5	E	...
...	49·244	+33·400	− 1	...	...
*	49·186	−31·326	1·40	46.8711	9·5
161					
...	−49·138	−27·710	0·65	...	...
...	49·112	−22·397	− 4	...	...
...	49·108	+ 3·090	− 2	...	...
...	49·056	+10·850	− 4	...	...
...	48·821	+45·634	− 5	M	...
...	−48·807	−23·080	− 4	...	...
...	48·555	+57·935	− 4	...	...
...	48·470	−47·299	− 3	...	...
...	48·372	+41·162	− 4	...	...
...	48·199	−37·443	0·85	...	...
171					
*	−48·168	+17·923	1·80	45.8668	9·2
...	48·140	+10·360	− 4	...	...
...	47·990	+ 1·740	− 5	...	...
...	47·861	+30·585	− 3	...	...
*	47·840	−11·197	2·30	46.8712	8·5
...	−47·737	+ 4·369	− 5	...	...
...	47·628	− 0·459	− 4	M	...
...	47·563	−35·703	0·85	...	...
...	47·538	−56·525	− 3	...	...
...	47·284	+ 2·184	− 2	...	...

MC measured from 1, 149, 302, 442, 570, 677, 769, 882, 982, 1087, 1201, 1345.
ES „ „ 83, 227, 382, 506, 622, 719, 821, 922, 1036, 1138, 1267, 1410.
28, 32. C.P.D., probably mass.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
181–240					
181				°	
...	−47′255	+33′962	− 1	...	...
...	47·234	−35·393	− 4	...	...
	47·169	+ 7·865	− 5	M	...
...	47·132	+16·731	− 4	...	...
...	47·079	− 6·254	− 4	...	...
...	−47·077	+10·597	− 4	...	...
...	47·027	−20·481	− 5	M	...
...	46·896	−57·591	− 2	...	...
...	46·882	−16·477	− 3	...	...
...	46·773	−17·093	− 1	...	...
191					
...	−46·744	− 0·909	− 2	...	...
...	46·737	+ 8·668	− 4	...	...
...	46·727	− 9·589	− 3	...	...
...	46·631	+30·158	0·70	...	...
...	46·602	− 0·530	0·65	E	...
...	−46·551	+ 9·562	− 4	...	...
...	46·520	+43·813	− 4	...	...
...	46·519	+ 0·224	− 4	...	...
...	46·334	+51·094	− 4	...	...
...	46·317	−34·671	− 4	...	...
201					
...	−46·277	− 5·632	− 1	...	...
...	46·256	− 4·328	0·80	...	...
...	46·247	+ 1·541	− 3	...	...
...	46·238	+42·283	0·85	...	...
...	46·211	−19·426	− 5	...	...
...	−46·142	−25·729	0·75	...	...
...	46·081	− 1·903	− 2	...	...
...	46·030	+11·378	− 4	...	...
...	45·909	−49·921	− 3	...	...
...	45·892	− 4·119	− 5	...	...
211					
*	−45·741	+42·871	1·50	45.8669	9·4
...	45·741	− 6·899	− 4	...	...
...	45·741	−57·957	− 5	M	...
...	45·727	+37·335	− 4	...	...
...	45·569	−43·828	− 1	...	...
*	−45·481	−21·371	0·90	46.8713	9·8
*	45·435	+35·068	1·40	45.8671	9·4
*	45·345	+21·986	1·40	45.8670	9·3
...	45·337	+29·906	− 4	...	...
N	45·223	+50·777	− 4	...	...
221					
*	−45·213	−34·719	0·95	...	...
*	45·197	−26·836	1·30	46.8714	9·4
...	45·177	+51·259	− 4	...	...
...	45·174	+27·410	− 3	...	...
...	45·171	−46·750	0·65	...	...
‡	−45·097	+12·297	0·90	...	...
†	44·986	+31·899	0·80	...	...
...	44·983	−56·871	− 5	...	...
...	44·973	−55·998	− 5	...	...
...	44·631	+30·685	− 5	...	...
231					
*	−44·534	+42·956	1·05	...	...
...	44·512	+49·294	− 5	...	...
...	44·467	− 5·520	0·80	...	...
...	44·426	−27·832	− 4	...	...
...	44·414	+35·364	− 2	...	...
...	−44·277	−21·880	− 5	...	...
*	44·201	+ 8·540	1·40	45.8672	9·3
...	43·844	+26·391	0·95	...	...
*	43·843	−12·018	1·10	46.8716	9·8
...	43·757	+10·100	− 3	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
241–300					
241				°	
*	−43′539	+33′474	4·20	45.8673	7·6
...	43·525	+42·360	0·70	...	...
...	43·438	−11·131	− 5	...	...
...	43·166	+ 3·747	− 5	...	...
...	43·131	+22·385	0·70	...	...
...	−43·127	+20·185	− 4	...	...
...	43·106	+ 5·667	− 5	...	...
...	43·083	− 8·801	0·70	...	...
...	43·045	−26·806	− 4	...	...
...	42·929	−59·442	− 2	...	...
251					
...	−42·909	+37·743	− 4	M	...
...	42·889	− 9·117	− 3	...	...
*	42·823	+22·416	1·00	...	...
...	42·679	−22·786	− 4	...	...
*	42·648	−41·727	2·20	46.8717	8·5
...	−42·532	+10·101	− 4	...	...
...	42·444	+49·075	0·95	...	...
...	42·391	−35·229	− 2	...	...
...	42·377	−54·174	− 4	...	...
...	42·357	−39·401	− 4	...	...
261					
...	−42·260	+28·386	− 3	...	...
...	42·227	+15·511	− 4	...	...
*	42·207	+58·222	1·00	...	...
...	42·192	−39·354	− 4	...	...
*	42·122	−12·081	1·35	46.8718	9·5
...	−42·099	+ 7·371	− 3	...	...
...	42·006	+20·918	− 3	...	...
...	42·004	− 6·674	0·65	...	...
...	41·909	−28·083	− 5	...	...
...	41·899	+ 6·040	− 3	...	...
271					
...	−41·896	+35·433	− 5	...	...
...	41·787	+19·083	− 5	...	...
...	41·770	−39·023	− 4	...	...
...	41·696	−16·534	− 3	...	...
...	41·689	−22·912	− 2	...	...
...	−41·655	−35·684	− 5	M	...
...	41·603	−31·595	− 5	...	...
*	41·546	−28·347	1·80	46.8719	9·1
...	41·411	+54·569	− 5	...	...
...	41·276	− 3·957	0·70	...	...
281					
...	−41·202	−48·879	0·85	...	...
...	41·182	+39·602	− 3	...	...
*	41·080	− 2·357	0·95	46.8721	9·8
...	40·985	− 2·880	0·85	...	...
...	40·985	− 3·787	0·70	...	...
...	−40·955	−30·280	− 3	...	...
*	40·873	−28·052	1·15	46.8720	9·6
†	40·868	−10·181	− 5	...	...
...	40·849	−15·615	− 3	...	...
*	40·842	+ 9·149	2·60	45.8674	8·4
291					
...	−40·823	+20·120	− 5	...	...
...	40·818	+32·462	− 2	...	...
...	40·802	+26·242	− 4	...	...
...	40·778	− 3·059	− 5	...	...
...	40·608	+36·270	− 5	...	...
...	−40·585	+ 5·249	0·70	...	...
...	40·510	+32·260	− 3	...	...
...	40·268	−44·458	0·70	...	...
...	40·244	−10·075	0·80	46.8722	9·8
‡	40·143	− 0·895	2·20	45.8675	8·8

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
301–360					
301				°	
...	−40′100	+33′252	− 4	...	...
...	39·938	−37·143	− 5	...	...
...	39·801	−14·062	− 4	...	...
...	39·751	− 1·278	− 4	...	...
...	39·741	−43·877	− 2	...	...
...	−39·741	−58·907	− 4	...	...
...	39·720	+19·366	− 5	...	...
...	39·699	−17·078	0·75	...	...
‡	39·636	−50·066	1·10	46.8723	9·8
...	39·614	−22·085	− 4	...	...
311					
*	−39·605	−43·009	1·00	46.8724	9·8
...	39·485	+ 9·964	− 5	...	...
...	39·379	+22·969	− 1	...	...
...	39·299	+48·139	− 2	...	...
...	39·298	−44·584	0·80	...	...
...	−39·294	+28·125	− 1	...	...
...	39·268	−57·444	− 4	...	...
...	39·086	−22·219	− 5	...	...
...	39·050	+ 6·450	− 1	...	...
...	39·033	− 7·043	0·85	...	...
321					
...	−38·990	+12·595	− 2	...	...
...	38·828	+15·133	0·70	...	...
...	38·797	−10·471	− 5	...	...
...	38·724	−41·880	0·65	...	...
...	38·658	− 9·473	− 5	...	...
...	−38·633	+43·101	− 4	...	...
...	38·618	+ 1·787	− 1	...	...
...	38·612	−57·347	− 4	...	...
†	38·493	− 5·118	− 3	...	...
...	38·462	+ 2·220	− 3	...	...
331					
...	−38·320	− 1·864	− 5	...	...
*	38·296	+43·196	1·00	45.8676	9·8
...	38·288	+25·962	− 5	...	...
...	38·248	+10·715	0·80	...	...
*	38·131	−38·038	0·90	46.8725	9·8
...	−38·082	−42·422	0·65	...	...
...	38·040	+49·218	− 4	...	...
...	37·864	+52·914	0·90	...	...
...	37·796	− 3·391	− 5	...	...
...	37·794	+ 2·996	− 4	...	...
341					
...	−37·760	+15·372	− 1	...	...
...	37·722	+ 3·642	− 5	...	...
*	37·700	−31·040	2·00	46.8726	8·6
...	37·647	+41·722	− 2	...	...
...	37·183	+43·084	− 2	...	...
*	−37·125	+ 1·886	1·00	45.8677	9·8
...	37·035	+54·986	0·75	...	...
...	36·968	+51·796	− 3	...	...
*	36·902	+43·112	1·20	45.8678	9·6
...	36·884	+10·445	− 4	...	...
351					
...	−36·786	−22·369	− 4	...	...
...	36·557	−15·812	− 4	...	...
...	36·524	+25·575	− 4	...	...
*	36·482	+42·595	0·90	...	...
†	36·435	−35·136	− 5	...	...
...	−36·365	+52·586	0·85	...	...
...	36·345	− 9·379	0·85	...	...
...	36·240	+58·843	− 5	M	...
...	36·159	+32·558	− 1	...	...
...	36·131	+45·662	− 4	...	...

220. Obscures 2nd image of 223.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
361-420					
361					
S *	−36·129	+26·496	2·80	45.8680	8·1
...	36·007	−21·305	− 4	...	...
...	36·002	−23·688	0·70	...	...
*	35·928	+ 4·546	1·60	45.8679	9·1
...	35·833	− 0·848	0·80	...	...
*	−35·786	+14·079	1·00	...	...
...	35·748	+23·033	− 5	...	...
...	35·660	+34·804	− 5	...	...
...	35·637	+43·131	− 4	...	...
...	35·610	+52·397	− 1	...	...
371					
...	−35·600	+11·043	− 2	...	...
...	35·597	−19·371	− 3	...	...
...	35·504	− 3·858	− 4	...	...
...	35·496	+56·294	0·75	...	...
...	35·441	+36·538	− 2	...	...
...	−35·384	+25·134	− 1	...	...
...	35·251	+15·518	− 3	...	...
...	35·218	−38·069	0·75	...	...
*	35·206	+ 4·114	0·90	45.8681	9·8
...	35·175	+45·849	− 4	...	...
381					
*	−35·168	+48·911	0·95	...	...
‡	34·963	−31·906	3·80	46.8728	7·4
...	34·944	+49·423	0·90	...	...
...	34·860	+29·251	− 2	...	...
...	34·859	+27·146	− 2	...	...
...	−34·787	+43·614	− 5	M	...
*	34·785	−36·639	1·60	46.8729	9·3
...	34·784	−49·915	− 1	...	...
...	34·699	−37·658	− 4	...	...
...	34·634	− 8·150	0·80	...	...
391					
...	−34·475	−44·327	− 3	...	...
*	34·452	−25·685	0·95	46.8730	9·8
...	34·321	−32·774	− 4	...	...
...	34·283	+ 6·715	0·75	...	...
...	34·066	−23·416	0·75	...	...
...	−34·048	+17·555	0·70	...	...
...	34·008	−45·355	− 4	...	...
...	33·970	+ 0·711	− 5	...	...
...	33·957	+31·996	− 3	...	...
...	33·947	−47·386	− 1	...	...
401					
...	−33·934	+21·486	− 2	...	...
...	33·924	+56·550	− 3	...	...
...	33·890	−39·934	− 5	...	...
...	33·842	+43·633	0·65	...	...
...	33·713	−26·339	− 5	...	...
...	−33·281	+45·353	− 5	...	...
...	33·248	+53·831	− 4	M	...
...	33·191	−51·437	− 5	...	...
†	33·181	−10·157	− 4	...	...
...	33·050	−47·608	− 4	...	...
411					
...	−33·020	−59·629	0·95	46.8731	9·8
...	32·859	+59·581	− 5	...	...
...	32·788	−23·702	− 5	...	...
...	32·762	+19·365	− 5	M	...
...	32·630	+23·947	− 3	...	...
†	−32·584	+34·757	0·70	...	...
...	32·241	−21·672	− 5	...	...
...	32·218	+45·839	− 3	...	...
...	32·077	−34·316	− 5	...	...
*	31·948	−28·610	1·05	46.8732	9·8
421-480					
421					
...	−31·812	−16·961	− 5	...	...
...	31·556	+ 9·003	− 2	...	...
...	31·542	+ 1·681	− 5	...	...
†	31·510	+49·738	− 2	...	...
...	31·408	−34·956	− 2	...	...
†	−31·299	−10·157	0·85	46.8734	9·8
...	31·041	−36·250	− 5	...	...
...	31·039	+34·175	− 2	...	...
*	30·910	−40·859	1·00	46.8733	9·8
...	30·897	−24·906	0·75	...	...
431					
*	−30·750	+57·868	1·00	...	...
...	30·710	−41·736	− 3	...	...
...	30·706	+38·839	0·85	...	...
...	30·635	+19·687	− 4	...	...
...	30·469	+48·325	− 5	...	...
...	−30·383	+11·194	− 5	...	...
...	30·330	+49·206	− 5	M	...
...	30·287	−59·867	− 4	...	...
...	30·274	+ 5·839	− 5	...	...
...	30·207	+24·068	0·65	...	...
441					
...	−30·127	+31·011	− 2	...	...
†	30·073	−53·167	0·75	...	...
...	29·993	+31·780	− 5	...	...
*	29·947	+10·356	1·00	45.8682	9·6
...	29·761	−35·215	− 5	M	...
...	−29·734	+20·329	− 2	...	...
...	29·679	−10·921	0·80	...	...
...	29·505	+ 9·161	− 5	...	...
...	29·493	−29·506	− 2	...	...
...	29·445	−22·748	− 2	...	...
451					
...	−29·347	− 5·105	− 5	...	...
...	29·167	+38·467	− 4	...	...
...	29·112	−51·642	− 5	B	...
...	29·081	+18·501	− 5	...	...
...	29·074	− 5·922	− 2	...	...
...	−29·043	+35·515	− 5	M	...
...	29·016	−38·271	0·85	...	...
...	28·937	−37·990	− 5	...	...
*	28·919	−29·022	1·60	46.8735	9·3
...	28·857	+14·613	− 4	...	...
461					
...	−28·839	−51·546	− 5	A	...
...	28·816	+13·181	− 3	...	...
...	28·803	−40·238	− 2	...	...
...	28·797	+48·131	− 2	...	...
...	28·783	−20·329	− 5	...	...
...	−28·733	+ 4·120	− 2	...	...
...	28·536	−35·485	− 4	...	...
*	28·418	+29·521	1·50	45.8683	9·3
*	28·341	+56·209	2·00	45.8684	8·9
...	28·293	−14·005	− 2	...	...
471					
†	−28·270	+44·742	− 4	...	...
...	28·257	+56·063	− 4	M	...
...	28·089	+22·601	− 2	...	...
...	28·078	+54·862	0·85	...	...
...	28·001	−36·282	− 5	...	...
...	−27·929	−14·999	− 5	...	...
...	27·892	−34·119	0·70	...	...
...	27·770	+36·597	− 1	...	...
...	27·501	−10·630	− 4	...	...
...	27·488	+48·717	− 4	...	...
481-540					
481					
...	−27·333	−44·591	0·75	...	...
*	27·180	+56·903	1·80	45.8685	9·0
...	27·129	−29·584	− 3	...	...
...	27·104	+56·773	− 5	M	...
...	27·017	+13·051	− 1	...	...
*	−26·868	+54·446	1·00	45.8687	9·8
...	26·830	−43·572	0·65	...	...
*	26·607	+22·802	1·00	45.8686	9·8
...	26·582	−38·254	0·80	...	...
...	26·552	−36·788	− 5	...	...
491					
...	−26·524	− 9·832	0·80	...	...
...	26·465	−58·079	0·80	...	...
...	26·315	+14·525	− 4	...	...
...	26·234	−54·968	− 5	...	...
...	25·860	+11·317	− 3	...	...
*	−25·792	+ 3·982	1·50	45.8688	9·4
...	25·675	−20·613	− 3	...	...
S *	25·567	−55·743	2·40	46.8736	8·4
...	25·518	−57·694	− 5	M	...
...	25·445	−34·692	0·80	...	...
501					
*	−25·398	+32·722	1·40	45.8689	9·4
...	25·375	+46·750	− 2	...	...
...	25·366	+ 9·681	− 5	...	...
*	25·213	−45·707	1·50	46.8737	9·3
...	25·186	−50·323	− 4	...	...
†	−25·039	−38·541	− 1	...	...
*	24·994	−44·686	1·10	46.8738	9·5
...	24·962	+50·788	− 4	...	...
...	24·953	+39·175	0·75	...	...
...	24·709	+ 8·807	0·70	...	...
511					
...	−24·675	+32·316	− 4	...	...
...	24·554	−38·924	− 5	...	...
...	24·497	−33·703	− 2	...	...
*	24·387	−37·498	1·50	46.8739	9·3
*	24·368	+24·924	1·15	45.8690	9·8
...	−24·312	−52·951	− 1	...	...
...	24·170	−41·727	− 2	...	...
...	23·863	−42·638	− 4	...	...
...	23·761	−20·781	− 5	...	...
*	23·665	+11·304	1·50	45.8691	9·3
521					
...	−23·484	+33·762	− 2	...	...
...	23·466	−52·157	− 5	...	...
...	23·401	−34·408	− 5	...	...
...	23·373	−41·518	− 5	...	...
...	23·298	+13·158	− 5	...	...
...	−23·214	−54·549	0·65	...	...
...	23·210	+40·443	− 5	...	...
...	23·184	− 7·231	− 4	...	...
...	23·175	+32·672	− 5	...	...
...	23·114	+16·466	− 5	...	...
531					
*	−23·099	+45·895	2·40	45.8693	8·6
...	22·968	−13·066	− 5	...	...
...	22·859	+29·084	− 4	...	...
α	22·737	+ 0·032	0·95	45.8692	9·8
...	22·587	− 6·422	− 3	...	...
...	−22·398	− 4·128	0·75	...	...
...	22·384	− 9·759	− 1	...	...
*	22·368	−12·888	1·25	46.8740	9·4
...	22·240	+35·115	0·85	...	...
...	22·154	−33·556	− 5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
541–600					
541				°	
...	−21·961	−36·254	− 5	...	...
*	21·903	−34·381	1·00	46.8741	9·8
...	21·793	+43·122	− 4	...	...
...	21·771	−44·848	− 5	M	...
...	21·548	+37·366	− 5	M	...
...	−21·456	−32·764	0·90	...	...
...	21·448	+30·912	0·70	...	...
...	21·408	−19·326	− 3	...	...
*	21·383	+59·467	1·30	44.8615	9·6
n*	21·358	+58·683	1·15	45.8694	9·0
551					
*	−21·317	−12·606	1·05	46.8742	9·8
...	21·305	+11·962	− 5	...	...
...	21·288	−41·410	− 5	M	...
...	21·283	+33·750	− 5	M	...
n*	21·266	+58·411	2·00	45.8694	9·0
...	−21·191	−37·850	0·65	...	...
*	21·097	−16·299	1·20	46.8743	9·5
†	21·076	−55·010	− 4	M	...
...	21·063	+25·568	− 5	...	...
...	20·884	+57·918	− 4	...	...
561					
...	−20·761	−15·431	0·90	...	...
...	20·725	+23·764	− 4	...	...
*	20·500	+23·135	1·20	45.8695	9·6
...	20·480	+13·918	− 3	...	...
...	20·323	−24·548	0·65	...	...
...	−20·223	+21·333	− 5	...	...
...	20·206	−11·020	− 2	...	...
‡	20·148	−47·603	0·95	...	...
†	20·097	+ 3·242	0·85	45.8696	9·8
...	19·885	+10·541	− 5	...	...
571					
...	−19·843	+23·852	− 2	...	...
*	19·613	− 5·331	1·30	46.8745	9·6
...	19·501	+ 4·224	− 3	...	...
...	19·490	+51·648	− 5	...	...
*	19·401	+32·107	1·80	45.8697	9·0
...	−19·285	−39·619	0·90	46.8744	9·8
†	19·198	+54·729	− 5	M	...
...	19·198	+43·995	0·80	...	...
...	19·193	−30·972	0·85	...	...
...	18·917	+49·808	− 4	...	...
581					
...	−18·858	−27·321	0·85	...	...
...	18·811	− 4·070	− 4	...	...
...	18·656	+15·730	− 5	...	...
...	18·630	+23·003	− 1	...	...
...	18·557	−16·288	− 5	...	...
S *	−18·491	−26·250	6·30	46.8746	5·6
...	18·072	−40·403	− 2	...	...
...	17·936	+36·845	− 4	...	...
...	17·865	+35·197	− 2	...	...
...	17·824	+ 0·865	− 4	...	...
591					
...	−17·720	+40·118	− 2	...	...
...	17·582	+32·984	− 4	...	...
...	17·564	+30·430	− 3	...	...
...	17·556	+30·689	− 4	...	...
...	17·419	−58·650	− 2	...	...
...	−17·398	+53·756	− 5	...	...
...	17·275	+ 4·296	0·90	45.8698	9·8
...	17·145	+ 3·401	− 5	...	...
...	17·138	−32·861	− 2	...	...
...	17·081	+14·166	− 1	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
601–660					
601				°	
...	−17·012	−41·330	0·80	46.8747	9·6
...	16·990	−41·222	0·75		
...	16·959	+41·617	− 3	...	...
*	16·868	+37·365	1·00	45.8699	9·8
...	16·854	+45·173	− 4	...	...
...	−16·676	− 4·689	− 5	...	...
*	16·671	+48·148	1·00	45.8700	9·8
...	16·600	−30·888	− 5	...	...
...	16·328	−36·303	0·90	46.8748	9·8
...	16·325	− 8·165	− 5	...	...
611					
...	−16·322	+30·333	− 4	...	...
...	16·303	+50·770	0·90	...	...
...	16·192	−34·364	− 2	...	...
...	16·187	−39·839	0·75	...	...
...	16·080	+11·735	− 3	...	...
...	−15·805	+59·034	− 4	...	...
...	15·777	− 1·133	1·00	45.8701	9·8
...	15·628	−35·483	− 2	...	...
...	15·469	+17·975	− 5	...	...
...	15·277	+12·178	− 4	...	...
621					
...	−15·198	−46·707	− 2	...	...
...	15·040	+ 0·129	− 5	M	...
...	14·974	−44·957	0·75	...	...
...	14·516	+14·998	− 2	...	...
...	14·512	−27·032	− 4	...	...
...	−14·436	+40·079	0·90	45.8702	9·8
*	14·306	−50·270	1·10	46.8749	9·8
...	14·262	−33·717	− 5	...	...
...	14·152	−55·216	− 3	...	...
...	13·828	− 6·868	− 5	...	...
631					
...	−13·821	+12·489	− 3	...	...
†	13·783	+19·777	− 5	...	...
*	13·669	+21·260	1·70	45.8703	9·1
...	13·555	+47·722	− 2	...	...
...	13·515	−11·151	− 5	...	...
...	−13·510	−45·790	− 3	...	...
...	13·391	+42·607	− 5	...	...
...	13·334	−42·671	− 5	...	...
...	13·166	+43·870	− 2	...	...
...	13·141	−42·062	− 5	...	...
641					
*	−13·101	−47·257	1·20	46.8750	9·6
...	13·003	−40·497	0·85	...	...
...	12·841	−57·662	− 4	...	...
...	12·824	−53·652	0·80	...	...
...	12·780	+51·599	0·70	...	...
...	−12·780	+ 8·977	− 5	...	...
...	12·700	−21·634	− 4	...	...
*	12·635	+27·084	1·20	45.8704	9·6
...	12·631	−59·212	− 5	...	...
*	12·495	−53·651	1·90	46.8751	8·8
651					
*	−12·392	+25·940	1·05	45.8705	9·8
...	12·274	−47·340	− 3	...	...
*	12·145	−21·134	1·25	46.8752	9·3
*	12·045	+30·930	1·50	45.8706	9·4
...	11·929	+25·971	− 4	...	...
*	−11·636	−34·101	1·05	46.8753	9·8
...	11·581	+30·733	− 5	...	...
...	11·485	+44·191	− 3	...	...
...	11·469	+11·396	− 5	...	...
...	11·468	+ 9·538	0·80	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
661–720					
661				°	
...	−11·423	−52·665	− 2	...	...
...	11·421	+ 3·266	− 5	...	...
...	11·343	−10·347	− 2	...	...
...	11·299	−15·392	0·80	...	...
...	11·236	+ 3·135	− 5	...	...
...	−11·032	−41·657	− 5	...	...
...	10·898	−15·678	− 3	...	...
...	10·874	−13·338	0·70	...	...
*	10·765	−14·538	1·60	46.8755	9·3
...	10·582	+11·632	0·95	...	...
671					
*	−10·500	−58·745	2·20	46.8754	8·6
...	10·488	−52·390	− 4	...	...
†	10·179	−56·984	0 65	...	...
...	10·167	+51·807	− 5	...	...
‡	10·123	−12·631	2·20	46.8756	8·6
†	−10·122	−40·987	− 5	...	...
*	10·013	+52·181	0·95	45.8707	9·8
...	9·907	+11·106	− 3	...	...
...	9·813	+25·745	− 4	...	...
...	9·761	−28·119	− 5	...	...
681					
*	− 9·515	+52·070	1·20	45.8708	9·8
...	9·505	−41·877	0·80	46.8757	9·8
...	9·461	−18·826	− 5	...	...
...	9·437	+52·966	− 4	...	...
...	9·433	+11·427	− 5	...	...
*	− 9·253	−49·366	1·00	46.8758	9·8
...	9·190	+48·104	− 5	...	...
*	9·026	−41·291	1·10	46.8759	9·6
*	8·835	−41·838	0·90	46.8760	9·8
...	8·693	+47·209	− 5	...	...
691					
...	− 8·676	−14·627	− 4	...	...
...	8·477	−50·461	− 4	...	...
...	8·135	−19·866	0·90	46.8761	9·8
...	8·025	−31·326	− 5	...	...
†	7·955	+54·726	− 2	...	...
...	− 7·865	−34·070	0·70	...	...
*	7·861	+46·226	1·40	45.8709	9·2
...	7·777	+35·822	− 4	...	...
...	7·652	+42·969	− 4	...	...
*	7·637	−50·816	1·40	46.8762	9·4
701					
...	− 7·520	−36·600	− 5	...	...
*	7·255	−17·635	1·60	46.8763	9·1
...	7·070	−24·353	− 4	...	...
...	6·872	− 7·432	− 5	...	...
...	6·738	−58·874	− 5	...	...
...	− 6·723	+24·933	− 5	...	...
...	6·306	+38·553	− 4	...	...
...	6·303	−53·495	− 2	...	...
...	6·164	−24·936	− 4	...	...
...	6·113	+23·111	− 4	...	...
711					
*	− 6·071	−48·529	1·00	46.8764	9·5
*	5·799	−52·182	1·00	46.8765	9·6
...	5·787	+14·034	− 4	...	...
...	5·659	+54·808	− 2	...	...
...	5·651	−24·605	− 2	...	...
...	− 5·402	+52·348	− 3	...	...
...	5·378	−39·931	− 2	...	...
...	5·193	+24·141	− 4	...	...
...	4·910	+ 4·710	0·65	...	...
...	4·775	+14·887	− 4	...	...

550, 555. C.P.D., suspected double.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
721–780					
721					
...	− 4·754	+35·475	− 4	...	...
...	4·749	−57·538	− 5	...	...
...	4·657	+44·984	− 5	...	...
...	4·548	−40·996	0·85	...	...
*	4·381	+12·752	1·15	45.8710	9·4
*	− 4·133	+ 1·443	1·50	45.8711	9·3
*	3·783	+21·290	1·00	45.8712	9·8
...	3·635	+36·365	− 4	...	...
...	3·233	−38·310	− 3	...	...
...	3·099	−42·443	− 5	...	...
731					
...	− 3·092	+39·657	− 4	...	...
...	3·052	+59·517	− 2	...	...
...	3·022	+19·091	0·75	...	...
...	2·813	−35·225	− 5	...	...
...	2·781	+49·288	0·75	...	...
*	− 2·770	+52·425	1·00	...	...
*	2·648	+28·837	1·50	45.8713	9·3
...	2·602	−19·339	− 4	...	...
...	2·544	−41·230	− 4	...	...
...	2·515	− 0·645	0·65	...	...
741					
...	− 2·493	−39·133	− 2	...	...
...	2·487	−19·927	− 4	...	...
*	2·330	−32·164	1·20	46.8767	9·6
...	2·290	+31·641	− 3	...	...
*	2·278	−56·567	1·35	46.8766	9·3
...	− 2·274	−17·166	− 4	...	...
...	2·152	−18·523	− 5	...	...
...	2·148	−46·344	− 5	...	...
S‡	2·135	+ 9·862	2·70	45.8714	8·4
...	2·104	+20·597	− 1	...	...
751					
...	− 2·100	−20·784	− 5	...	...
...	2·026	+ 9·587	− 3	...	...
...	1·900	−16·383	− 5	...	...
...	1·727	+53·969	− 4	...	...
*	1·696	−39·341	1·50	46.8768	9·1
...	− 1·482	+22·282	− 1	...	...
...	1·400	+ 3·871	0·80	...	...
...	1·287	− 1·484	− 5	...	...
S*	1·220	+54·418	2·95	45.8715	8·0
*	1·147	+38·128	1·00	45.8716	9·8
761					
*	− 1·051	−59·331	1·30	46.8769	9·3
...	1·007	−36·183	− 4	...	...
...	0·762	+47·581	− 4	...	...
...	0·718	−56·075	− 2	...	...
...	0·373	+23·403	− 5	...	...
†	− 0·193	+ 1·997	0·95	45.8717	9·8
...	0·191	+36·645	− 3	...	...
...	− 0·162	+31·691	− 4	M m	...
...	+ 0·081	+ 3·862	− 5	...	...
...	0·167	+20·506	− 1	...	...
771					
...	+ 0·337	+53·391	− 2	...	...
...	0·344	−24·220	− 5	...	...
*	0·429	+15·031	2·10	45.8718	8·5
...	0·600	−35·620	0·65	...	...
...	0·604	−54·103	− 4	...	...
...	+ 0·620	−18·041	− 5	...	...
...	0·750	+22·412	− 5	...	...
...	1·224	+21·207	− 4	...	...
S*	1·256	− 2·958	3·00	46.8770	8·2
*	1·428	+14·671	1·00	45.8719	9·5
781–840					
781					
...	+ 1·505	−51·087	− 1	...	...
...	1·522	+55·367	− 1	...	...
...	1·599	−54·908	− 3	...	...
...	1·699	+ 4·152	0·90	45.8720	9·8
*	1·723	+10·887	1·00	45.8721	9·6
...	+ 1·742	−24·132	− 5	...	...
...	1·844	+59·380	0·80	...	...
...	1·857	+26·278	0·80	45.8722	9·8
...	1·909	+ 1·727	− 5	M m	...
...	1·912	+11·808	0·90	45.8723	9·8
791					
... [	+ 2·127	+48·310	− 1	...	...
* [	2·173	+48·377	1·50	45.8724	9·2
...	2·182	−45·235	− 5	...	...
...	2·408	+14·343	− 4	...	...
*	2·478	+27·435	1·60	45.8725	9·3
...	+ 2·497	− 4·193	− 4	M	...
N	2·518	− 1·722	− 5	...	...
...	2·540	−43·224	− 3	...	...
...	2·543	−40·659	− 3	...	...
...	2·671	+40·288	0·65	...	...
801					
*	+ 2·674	−29·426	1·00	46.8771	9·8
...	2·757	+12·582	− 2	...	...
...	2·843	−33·969	− 1	...	...
...	2·987	+ 6·704	0·80	...	...
*	3·021	− 4·901	1·50	46.8772	9·4
...	+ 3·183	+45·436	− 1	...	...
...	3·212	−15·767	− 4	...	...
...	3·348	−46·856	− 5	...	...
*	3·592	+38·746	1·80	45.8726	9·0
...	4·062	−22·215	0·95	46.8773	9·8
811					
...	+ 4·107	−30·538	− 1	...	...
...	4·179	−17·886	− 4	...	...
...	4·211	+ 6·679	− 4	...	...
...	4·352	+17·042	− 5	...	...
*	4·394	−15·661	1·60	46.8774	9·3
...	+ 4·502	−19·659	− 2	...	...
...	4·514	−58·991	0·80	...	...
...	4·665	−41·642	− 4	...	...
...	4·730	+11·905	− 3	...	...
†	4·809	+ 8·452	− 5	...	...
821					
...	+ 4·907	+51·223	− 3	...	...
‡	4·914	−34·174	0·95	46.8775	9·8
...	4·915	−42·977	0·70	46.8776	9·8
...	4·947	−42·794	0·80		
...	5·099	+50·417	− 5	...	...
...	+ 5·166	−35·896	− 4	...	...
*	5·180	+45·022	1·80	45.8727	8·9
...	5·194	+46·718	0·80	...	...
...	5·213	− 1·052	− 2	...	...
*	5·234	−31·334	2·60	46.8777	8·5
831					
...	+ 5·365	−22·212	− 4	...	...
...	5·378	−28·533	0·95	...	...
...	5·412	−59·408	− 5	...	...
...	5·569	−22·846	− 4	...	...
...	5·612	−16·409	0·90	46.8778	9·8
*	+ 5·616	+17·448	1·30	45.8728	9·4
...	5·643	−10·248	− 5	...	...
...	5·660	−29·404	0·70	...	...
...	5·759	+ 7·168	0·65	...	...
...	5·778	−41·103	− 2	...	...
841–900					
841					
*	+ 5·910	+52·619	1·70	45.8729	9·1
...	5·996	+14·151	− 5	...	...
...	6·032	+48·752	− 2	...	...
...	6·093	−48·482	− 3	...	...
...	6·143	−44·865	0·70	...	...
...	+ 6·169	−32·126	− 3	...	...
*	6·176	+29·149	1·00	45.8730	9·8
...	6·275	+47·283	− 2	...	...
...	6·826	+36·226	− 5	...	...
...	6·949	−49·410	− 5	...	...
851					
...	+ 7·114	−59·182	− 4	...	...
...	7·180	+34·158	0·90	...	...
...	7·486	+29·934	− 3	...	...
...	7·543	+ 6·040	− 4	...	...
*	7·627	+ 3·098	1·05	45.8731	9·8
...	+ 7·689	+34·387	0·90	...	...
...	7·791	+ 8·729	− 5	...	...
...	7·828	+40·266	− 4	...	...
...	8·071	+53·365	− 2	...	...
...	8·186	− 7·968	− 4	...	...
861					
*	+ 8·221	−41·883	1·20	46.8779	9·6
...	8·271	− 2·463	− 4	...	...
...	8·406	−18·638	− 5	...	...
...	8·429	−30·813	− 4	...	...
...	8·461	+16·634	0·85	...	...
...	+ 8·505	+46·018	− 3	...	...
...	8·521	+44·308	− 4	...	...
...	8·681	−37·392	0·85	46.8780	9·8
...	8·743	−31·048	0·65	...	...
...	8·873	−56·291	− 5	...	...
871					
...	+ 8·910	+55·822	− 4	...	...
...	8·954	+54·287	0·90	45.8732	9·8
‡	8·968	−35·005	1·25	46.8781	9·3
...	9·376	+52·737	0·80	...	...
...	9·411	− 5·079	0·75	...	...
...	+ 9·497	−44·954	− 5	...	...
...	9·635	−51·237	− 4	...	...
... [	9·638	+ 8·287	0·95	45.8733	9·8
...	9·655	+16·142	− 5	...	...
...	9·669	−44·927	0·70	...	...
881					
...	+ 9·670	−45·654	− 2	...	...
*	9·908	−30·562	0·95	46.8782	9·8
...	9·954	+13·417	− 5	...	...
...	9·985	+33·948	0·75	...	...
...	10·005	+23·130	0·95	45.8735	9·8
*	+10·026	+50·890	1·60	45.8734	9·3
...	10·089	−41·424	− 5	...	...
...	10·092	−12·166	− 5	...	...
...	10·094	−38·122	− 4	...	...
...	10·211	−39·396	0·85	...	...
891					
*	+10·539	−14·173	1·60	46.8783	9·3
...	10·578	+57·416	− 3	...	...
*	10·809	+33·552	0·90	45.8736	9·8
*	11·305	+59·340	1·20	44.8654	9·6
...	11·316	+53·526	− 1	...	...
...	+11·318	+42·306	− 4	...	...
...	11·718	+44·093	0·85	...	...
†	11·955	+ 9·742	− 1	...	...
...	12·485	+32·009	0·70	45.8737	9·8
*	12·554	− 3·488	1·00	46.8784	9·8

797. Image faulty.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
901–960					
901	′	′		°	
…	+12·717	+41·854	− 5	…	…
*	12·927	+ 2·575	1·00	…	…
…	12·934	−38·604	0·85	…	…
…	13·034	−14·806	− 5	…	…
…	13·086	+45·183	− 5	…	…
…	+13·177	+22·024	− 2	…	…
…	13·253	−46·785	− 4	…	…
…	13·299	+33·910	− 4	…	…
…	13·446	+58·401	− 1	…	…
…	13·448	+ 5·222	− 1	…	…
911					
*	+13·459	+20·110	1·10	45.8738	9·6
…	13·486	+18·816	0·85	45.8739	9·8
…	13·502	+31·799	− 3	…	…
…	13·694	+15·427	− 1	…	…
…	13·714	−46·434	0·90	46.8785	9·8
…	+14·342	− 2·922	− 5	…	…
…	14·431	−48·568	− 5	…	…
*	14·434	−15·360	2·00	46.8786	8·6
*	14·447	+50·804	2·00	45.8740	9·0
…	14·493	−57·610	− 1	…	…
921					
…	+14·681	+32·767	− 2	…	…
†	14·821	−25·483	0·70	…	…
…	14·902	+12·350	0·65	…	…
…	15·178	+15·082	− 3	…	…
*	15·207	+54·134	1·10	45.8741	9·8
…	+15·297	−50·563	− 5	…	…
*	15·312	−56·161	1·00	46.8787	9·8
…	15·357	−36·348	− 5	…	…
*	15·429	+31·976	1·90	45.8742	9·1
…	15·531	+53·991	− 4	…	…
931					
…	+15·586	+41·463	− 3	…	…
…	15·588	−36·793	− 4	…	…
…	15·637	+ 0·489	0·90	45.8743	9·8
…	15·706	+34·062	− 5	…	…
…	15·707	+ 3·096	− 1	…	…
*	+15·729	+18·220	3·10	45.8744	8·2
‡	15·823	−25·062	1·25	46.8788	9·5
…	15·951	+ 9·523	0·90	…	…
…	15·958	−55·395	− 4	…	…
…	16·002	+36·949	− 3	…	…
941					
…	+16·015	+37·762	− 2	…	…
…	16·106	−43·844	− 5	…	…
…	16·158	+41·039	− 3	…	…
…	16·222	−31·897	− 4	…	…
…	16·248	+29·103	0·70	…	…
…	+16·322	+32·951	− 5	…	…
…	16·492	+32·642	− 4	…	…
…	16·513	+45·748	− 5	…	…
…	16·721	−39·564	− 5	…	…
…	16·795	−40·185	− 3	…	…
951					
…	+16·894	−26·979	− 4	…	…
…	16·924	−17·455	− 5	…	…
…	16·961	−40·738	− 4	…	…
…	17·047	+41·553	− 5	…	…
…	17·092	−26·742	− 4	…	…
…	+17·191	−28·515	0·70	…	…
…	17·222	+33·678	− 4	…	…
…	17·233	−57·271	− 5	…	…
…	17·265	−37·619	− 4	…	…
…	17·278	−58·304	− 5	…	…
961–1020					
961	′	′		°	
…	+17·280	−22·081	− 2	…	…
…	17·442	+52·239	− 3	…	…
…	17·766	+27·434	0·85	…	…
…	17·830	−47·168	− 4	…	…
…	17·879	+58·391	− 5	…	…
…	+17·958	+40·033	− 5	…	…
…	18·081	−38·765	− 5	…	…
…	18·091	+47·112	− 5	…	…
*	18·179	+53·423	1·05	45.8745	9·8
…	18·268	+45·440	− 5	…	…
971					
…	+18·297	+56·731	− 3	…	…
…	18·426	+18·472	0·80	…	…
…	18·435	− 2·221	− 3	…	…
…	18·507	+44·844	0·65	…	…
…	18·637	−53·279	0·70	…	…
…	+18·662	+54·994	− 5	…	…
…	19·205	+39·403	− 4	…	…
*	19·228	+52·878	1·10	45.8746	9·8
…	19·268	− 4·231	− 5	…	…
…	19·297	+41·473	− 5	…	…
981					
*	+19·507	−57·523	1·10	46.8789	9·6
…	19·963	+36·139	− 4	…	…
…	20·071	− 8·946	− 5	…	…
…	20·167	+24·942	− 3	…	…
…	20·262	+32·523	− 4	…	…
…	+20·294	−21·097	− 1	…	…
*	20·579	+39·532	1·00	45.8747	9·8
…	20·645	−37·884	− 3	…	…
…	20·723	−44·678	− 1	…	…
…	20·759	+31·547	− 2	…	…
991					
*	+20·839	−51·176	1·00	46.8790	9·6
…	20·845	−22·506	− 1	…	…
…	20·864	−29·694	− 4	…	…
…	20·984	+35·592	− 3	…	…
…	21·161	+15·157	− 5	…	…
…	+21·272	− 6·592	− 2	…	…
N*	21·283	+ 9·959	1·60	45.8749	9·3
…	21·297	+ 6·557	− 1	…	…
*	21·322	+10·406	2·70	45.8748	8·7
…	21·411	+23·337	− 3	…	…
1001					
…	+21·501	−55·411	− 4	…	…
…	21·643	−54·166	− 3	…	…
…	21·670	+34·610	− 4	…	…
…	21·769	−47·699	− 3	…	…
…	21·918	+29·651	− 3	…	…
…	+21·932	+46·752	− 2	…	…
…	22·134	−45·664	− 1	…	…
…	22·153	−27·439	− 5	…	…
…	22·184	+24·667	0·65	…	…
…	22·394	+56·458	− 2	…	…
1011					
*	+22·423	−52·672	1·60	46.8791	9·0
*	22·587	−39·808	0·90	46.8792	9·8
…	22·792	−33·511	− 3	…	…
…	22·911	+ 2·301	− 5	…	…
*	23·032	+36·773	1·00	45.8750	9·8
…	+23·187	+51·109	0·80	…	…
*	23·220	−35·403	0·85	46.8793	9·8
…	23·255	+42·680	− 2	…	…
…	23·283	+33·791	0·80	…	…
…	23·342	+ 2·526	− 3	…	…
1021–1080					
1021	′	′		°	
…	+23·362	+32·472	− 4	…	…
…	23·460	−39·247	− 1	…	…
…	23·748	+29·832	− 4	…	…
*	23·749	+ 4·593	1·20	45.8751	9·5
…	23·937	+31·811	− 4	…	…
†	+23·960	− 5·147	0·65	…	…
*	23·992	+ 7·985	0·95	45.8752	9·6
…	24·004	−17·877	− 2	…	…
…	24·019	+23·855	− 5	…	…
*	24·128	− 5·921	1·00	46.8794	9·4
1031					
…	+24·290	+ 2·496	− 1	…	…
…	24·293	−59·175	0·90	…	…
*	24·298	−41·269	1·00	46.8795	9·6
…	24·630	−28·542	− 3	…	…
S ‡	24·751	+ 7·709	3·15	45.8753	8·2
*	+25·001	+ 1·591	1·50	45.8754	9·3
…	25·054	−56·249	− 3	…	…
…	25·058	− 7·225	0·75	…	…
…	25·238	−33·553	− 5	…	…
*	25·320	−48·711	2·00	46.8796	8·9
1041					
…	+25·325	+ 3·550	− 3	…	…
*	25·386	−32·250	1·40	46.8797	9·2
…	25·429	−31·498	− 4	…	…
*	25·519	− 4·549	1·00	46.8798	9·6
…	25·679	+56·636	− 5	…	…
…	+25·720	+45·521	− 5	…	…
…	25·811	+32·928	− 3	…	…
*	25·833	+44·066	1·05	45.8755	9·8
…	25·891	− 6·390	0·75	…	…
…	25·969	+46·093	− 5	…	…
1051					
…	+26·021	+58·782	− 4	…	…
…	26·369	−38·050	− 5	…	…
…	26·386	+22·202	− 5	…	…
*	26·400	−27·298	1·25	46.8799	9·4
…	26·426	+37·706	− 3	…	…
†	+26·429	−40·045	0·90	…	…
…	26·430	−34·836	− 2	…	…
…	26·439	−56·663	− 4	…	…
…	26·761	+28·974	0·85	…	…
*	26·802	+37·757	1·25	45.8756	9·4
1061					
…	+26·838	+53·119	− 3	…	…
…	27·034	+ 6·160	0·95	45.8757	9·8
…	27·122	− 8·893	− 2	…	…
…	27·129	−35·910	− 5	…	…
*	27·382	+18·120	1·00	45.8758	9·8
*	+27·391	+27·093	1·10	45.8759	9·8
…	27·643	+18·820	− 2	…	…
*	27·718	+55·046	1·90	45.8760	9·2
…	27·780	+13·552	− 5	…	…
…	27·788	+50·024	− 5	…	…
1071					
…	+27·798	−41·977	− 3	…	…
…	27·801	−49·092	− 4	…	…
…	27·901	+ 0·549	− 5	…	…
…	27·918	−24·634	− 3	…	…
*	28·081	−56·667	0·95	46.8800	9·8
…	+28·352	+52·127	0·70	…	…
…	28·561	−22·553	− 3	…	…
…	28·784	+31·830	− 4	…	…
…	28·853	+33·637	− 5	…	…
…	28·987	−52·149	− 4	…	…

997. 1st and 2nd images obscured by 2nd and 3rd of 999; 3rd image measured and corrected.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1081-1140					
1081					
...	+29·108	−26·376	− 2	...	...
...	29·265	−48·853	− 1	...	...
*	29·462	−30·401	1·10	46.8801	9·6
... [	29·513	−30·336	− 2	...	...
*	29·556	−28·421	2·80	46.8802	8·1
*	+29·585	+50·773	1·80	45.8761	9·2
...	29·859	+34·995	0·90	45.8762	9·8
...	29·895	+41·467	− 1	...	...
...	29·944	−47·806	− 4	...	...
...	29·958	+24·485	− 4	...	...
1091					
*	+30·110	−39·468	1·60	46.8803	9·3
...	30·352	+40·588	− 5	...	...
...	30·533	−59·114	0·90	...	...
...	30·630	+39·451	− 2	...	...
*	30·810	−12·681	1·30	46.8804	9·4
*	+30·853	−43·495	1·20	46.8805	9·4
*	30·901	−49·482	1·10	46.8806	9·6
...	31·077	+39·559	0·65	...	...
...	31·077	−51·604	− 5	...	...
*	31·214	−15·951	1·00	...	...
1101					
...	+31·247	+10·444	− 2	...	...
...	31·260	+12·046	− 5	...	...
...	31·265	−31·820	0·70	...	...
...	31·305	−30·490	− 4	...	...
...	31·320	+30·611	− 3	...	...
...	+31·330	+37·286	− 2	...	...
...	31·546	+13·951	− 4	...	...
*	31·585	+18·328	1·20	45.8763	9·6
...	31·884	−34·847	− 5	...	...
...	31·948	−38·548	− 5	...	...
1111					
...	+32·076	+10·939	− 4	...	...
*	32·187	−17·237	1·70	46.8807	9·0
...	32·362	+23·774	− 3	...	...
...	32·390	+46·781	− 2	...	...
...	32·590	+52·851	− 4	...	...
*	+32·604	+58·793	1·10	45.8764	9·6
...	32·933	−32·977	− 3	...	...
...	32·935	+31·458	− 5	...	...
...	33·021	+ 8·725	− 3	...	...
*	33·072	+23·831	0·90	45.8765	9·8
1121					
...	+33·207	−25·641	− 5	...	...
...	33·296	+19·675	− 5	...	...
...	33·337	+ 4·232	− 4	...	...
...	33·345	+12·071	− 2	...	...
...	33·392	−34·414	− 4	...	...
...	+33·562	−10·518	− 4	...	...
...	33·689	−26·076	− 5	...	...
...	33·832	−36·044	− 4	...	...
*	33·914	+ 5·028	1·70	45.8766	9·3
*	34·110	−38·679	1·80	46.8808	8·9
1131					
...	+34·247	−38·574	− 3	...	...
...	34·289	+57·981	− 3	...	...
...	34·291	−36·060	− 4	...	...
...	34·377	+ 1·238	− 4	...	...
...	34·383	−53·199	0·80	...	...
...	+34·632	−53·603	− 4	...	...
...	34·655	−34·185	− 4	...	...
*	34·872	+47·427	1·05	45.8767	9·8
...	34·986	−17·176	− 2	...	...
...	34·989	+54·204	− 3	...	...
1141-1200					
1141					
*	+35·157	−31·531	1·50	46.8809	9·2
...	35·182	−43·817	− 3	...	...
...	35·188	+56·519	0·90	45.8768	9·8
...	35·243	+34·931	− 3	...	...
...	35·304	−12·921	0·75	...	...
...	+35·450	+25·786	− 3	...	...
...	35·472	− 4·185	− 4	...	...
...	35·492	−13·882	0·70	...	...
...	35·529	−46·827	0·80	46.8810	9·8
...	35·544	+46·147	0·80	...	...
1151					
...	+35·586	−49·931	− 5	...	...
...	35·720	+ 7·668	− 2	...	...
...	35·734	−20·015	0·90	46.8811	9·8
*	35·791	−40·668	1·00	46.8812	9·8
*	35·979	−42·303	1·15	46.8813	9·6
...	+36·123	+45·695	− 5	...	...
...	36·132	+31·326	− 3	...	...
...	36·225	−34·875	− 3	...	...
*	36·340	− 9·112	1·00	46.8814	9·8
...	36·448	−31·434	− 5	...	...
1161					
...	+36·506	−23·700	− 4	...	...
...	36·512	−37·371	− 2	...	...
*	36·570	+12·234	1·35	45.8769	9·3
...	36·578	−42·672	0·65	...	...
...	36·714	−45·652	− 5	...	...
*	+36·748	+28·993	1·30	45.8770	9·3
...	36·853	+29·673	− 5	...	...
...	36·889	+31·667	− 5	...	...
...	37·063	− 8·651	0·70	...	...
*	37·110	− 2·137	1·20	46.8815	9·6
1171					
...	+37·137	−18·739	− 5	...	...
*	37·261	+49·573	1·25	45.8771	9·4
...	37·407	−46·200	− 5	...	...
*	37·697	+ 5·935	1·20	45.8773	9·5
*	37·744	+32·888	1·05	45.8772	9·6
...	+37·971	+17·878	− 5	...	...
...	37·993	−49·593	− 5	...	...
*	38·039	+30·790	1·15	45.8774	9·6
...	38·120	+19·261	− 4	...	...
...	38·141	−28·180	0·70	...	...
1181					
*	+38·150	−26·655	1·80	46.8817	8·8
‡	38·205	−10·184	1·05	46.8816	9·6
*	38·362	−43·543	1·15	46.8818	9·6
...	38·555	+26·201	− 3	...	...
...	38·613	+ 4·682	− 3	...	...
...	+38·653	−56·348	− 5	...	...
S *	38·744	−52·246	4·70	46.8819	6·8
...	38·754	+43·774	− 5	...	...
...	38·786	+15·632	− 4	...	...
...	38·971	+39·628	− 2	...	...
1191					
...	+39·100	+36·212	− 5	...	...
...	39·149	−40·296	− 5	*a*	...
...	39·233	−12·868	− 2	...	...
...	39·291	+21·932	0·70	...	...
...	39·396	−18·546	− 2	...	...
...	+39·399	+23·753	− 5	...	...
*	39·498	−51·775	1·10	46.8820	9·3
*	39·580	−42·585	0·90	46.8821	9·8
...	39·598	−48·591	− 4	...	...
†	39·756	+33·080	0·90	45.8775	9·8
1201-1260					
1201					
†	+39·815	−40·694	− 4	...	...
...	39·940	−33·822	− 5	...	...
...	39·991	−16·280	0·70	...	...
...	40·041	−51·125	0·85	...	...
...	40·205	−12·961	− 1	...	...
...	+40·218	+12·495	− 5	...	...
...	40·262	+17·360	− 4	...	...
...	40·408	+17·733	− 1	...	...
...	40·437	+46·583	− 1	...	...
...	40·440	−12·662	− 5	...	...
1211					
...	+40·493	+42·361	− 5	...	...
...	40·531	+37·241	− 4	...	...
...	40·585	− 3·891	− 4	...	...
...	40·682	−41·962	− 5	...	...
...	40·746	−18·643	− 3	...	...
...	+40·813	− 0·417	− 5	*β*	...
...	40·848	+43·430	0·95	45.8776	9·8
...	40·980	−23·901	0·65	...	...
...	41·089	+17·336	− 4	...	...
...	41·094	+ 9·093	− 5	...	...
1221					
...	+41·207	+48·301	− 4	...	...
...	41·283	−59·021	1·00	46.8823	9·8
...	41·452	+57·660	− 4	...	...
...	41·457	+17·108	− 3	...	...
...	41·522	+25·219	− 1	...	...
*	+41·597	− 8·751	1·50	46.8822	9·3
...	41·695	−16·785	− 3	...	...
...	41·791	+27·751	0·80	...	...
...	42·032	+36·811	− 5	...	...
†	42·203	−35·114	− 5	...	...
1231					
*	+42·220	+ 7·992	1·00	45.8777	9·8
...	42·224	+49·588	− 5	...	...
...	42·353	+32·828	− 5	...	...
...	42·428	−34·946	− 1	...	...
...	42·492	−25·953	0·90	...	...
...	+42·612	+16·976	− 3	...	...
n	42·643	+31·874	0·80	45.8778	9·8
...	42·657	−50·929	− 5	...	...
...	42·747	− 1·835	− 4	...	...
...	42·797	+12·667	− 5	...	...
1241					
...	+42·807	+ 7·015	− 5	...	...
n	42·844	+31·741	− 2	45.8778	9·8
*	42·955	+55·487	2·00	45.8779	8·7
...	42·980	+26·614	− 3	...	...
...	43·062	−36·412	0·90	...	...
...	+43·101	−35·521	− 5	...	...
...	43·272	+ 6·005	− 2	...	...
...	43·296	+41·517	− 5	...	...
‡	43·347	−45·013	1·00	46.8824	9·6
...	43·441	+39·054	− 1	...	...
1251					
...	+43·573	+20·125	− 4	...	...
*	43·683	+36·840	1·00	45.8780	9·8
...	43·733	− 5·339	− 4	...	...
... [	43·819	−47·723	0·90	...	...
...	43·841	+11·313	− 3	...	...
...	+43·971	+30·253	− 1	...	...
*	43·973	−58·001	1·90	46.8825	8·7
...	44·043	− 7·222	− 3	...	...
...	44·141	+ 1·858	− 3	...	...
...	44·204	+ 1·816	− 2	...	...

1237, 1242. C.P.D., probably mass.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
1261–1320					
1261				°	
...	+44′·319	−15′·698	0·70	...	...
*	44·393	−37·971	1·80	46.8826	9·0
...	44·414	+41·285	− 1	...	...
...	44·474	−10·661	− 4	...	...
...	44·580	−49·416	− 3	...	...
†	+44·749	+26·190	− 4	...	...
†	44·789	+20·126	− 4	...	...
...	44·826	+24·232	− 5	...	...
...	44·885	−25·480	− 5	...	...
...	44·919	+55·072	0·65	...	...
1271					
*	+44·957	− 0·905	1·00	45.8781	9·8
...	44·980	+53·885	− 4	...	...
...	45·147	−27·307	− 3	...	...
...	45·291	+22·532	0·65	...	...
...	45·310	−50·848	0·90	...	...
*	+45·346	− 0·979	1·00	45.8782	9·8
...	45·355	−16·096	− 3	...	...
...	45·359	+24·253	− 3	...	...
...	45·436	+53·627	− 3	...	...
...	45·602	+30·052	0·75	...	...
1281					
...	+45·729	+ 8·875	− 5	...	...
...	45·834	+23·459	− 3	...	...
...	45·840	+23·119	− 3	...	...
...	45·899	−17·936	− 4	...	...
...	45·972	−24·699	− 5	...	...
...	+46·071	−57·415	− 4	...	...
...	46·094	+24·276	− 4	...	...
...	46·125	+57·367	− 5	*m*	...
...	46·260	+17·907	− 5	...	...
...	46·297	+24·641	0·75	...	...
1291					
...	+46·306	−33·873	0·65	...	...
...	46·337	−16·411	0·90	46.8827	9·8
...	46·388	−16·499	− 2	...	...
...	46·409	−46·135	− 5	...	...
...	46·425	+15·857	− 5	...	...
...	+46·456	+56·843	0·95	45.8783	9·8
...	46·610	+45·025	− 3	...	...
...	46·660	− 6·605	− 4	...	...
...	46·695	+26·565	− 3	...	...
...	46·839	+15·445	− 5	...	...
1301					
...	+46·860	+39·216	− 4	...	...
...	46·917	+39·153	− 5	...	...
...	46·929	+54·851	− 4	...	...
...	47·028	+51·558	− 5	...	...
*	47·214	−30·832	1·20	46.8828	9·8
...	+47·292	− 4·148	− 5	...	...
*	47·352	+ 6·976	1·20	45.8784	9·5
...	47·436	+16·374	− 3	...	...
...	47·614	+48·474	− 5	...	...
*	47·648	+28·615	1·50	45.8785	9·4
1311					
...	+47·687	−48·086	0·80	...	...
...	47·925	+20·809	− 4	...	...
...	47·960	−49·159	− 5	...	...
...	48·007	+53·411	− 5	*m*	...
...	48·025	+19·816	− 2	...	...
*	+48·088	−59·071	2·00	46.8829	9·2
...	48·132	− 4·629	− 4	...	...
...	48·177	+21·216	− 5	...	...
...	48·220	−44·192	− 2	...	...
...	48·274	−20·465	− 4	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
1321–1380					
1321				°	
...	+48′·388	−51′·730	− 5	*m*	...
*	48·393	−35·948	1·05	46.8830	9·8
...	48·512	−23·680	− 5	...	...
... [	48·515	−38·380	0·80	46.8831	9·6
* [	48·594	−38·373	1·05		
...	+48·551	+ 5·668	− 3	...	...
*	48·592	+ 9·220	1·05	45.8786	9·6
...	48·739	−36·051	− 3	...	...
...	48·789	− 0·110	− 4	*f*	...
...	48·906	+21·686	− 3	...	...
1331					
...	+48·956	+15·176	− 4	...	...
...	48·988	−49·509	− 5	...	...
...	49·110	−34·941	− 5	*e*	...
...	49·156	−22·606	− 3	...	...
...	49·163	− 3·459	− 4	...	...
...	+49·180	+51·090	− 3	...	...
...	49·275	+23·186	− 4	...	...
...	49·319	−29·829	− 5	...	...
...	49·460	+32·689	− 5	...	...
...	49·467	+18·831	− 4	...	...
1341					
...	+49·539	−31·834	− 5	...	...
...	49·547	+39·859	− 4	...	...
...	49·637	−14·577	− 2	...	...
...	49·684	+32·646	0·80	...	...
...	49·851	− 5·053	− 4	...	...
...	+49·887	+55·774	− 5	...	...
*	49·925	−42·275	1·60	46.8832	9·3
...	49·999	+13·654	− 5	...	...
...	50·060	+41·590	0·90	45.8787	9·8
...	50·420	+ 4·910	− 5	...	...
1351					
...	+50·439	−57·634	0·90	46.8834	9·8
...	50·464	+28·188	− 5	...	...
...	50·559	−48·567	0·90	46.8836	9·8
...	50·572	−48·873	− 2	...	...
...	50·593	−17·253	0·85	...	...
...	+50·649	+11·160	− 3	...	...
...	50·695	−13·589	− 3	...	...
...	50·700	+52·694	− 1	...	...
*	50·708	−18·186	2·90	46.8833	8·4
*	50·709	−54·855	1·70	46.8837	9·2
1361					
...	+50·749	−20·452	− 5	...	...
...	50·764	−30·702	− 4	...	...
...	50·781	−32·772	− 5	...	...
...	50·844	+33·560	− 4	...	...
S ‡	50·921	−15·201	3·30	46.8835	7·9
...	+51·049	−43·424	0·90	46.8838	9·8
...	51·194	+ 5·412	0·80	...	...
...	51·303	−46·177	− 5	...	...
...	51·312	+44·111	− 4	...	...
...	51·334	+12·526	0·80	...	...
1371					
...	+51·411	−14·572	− 4	...	...
†	51·466	+14·741	− 5	...	...
...	51·544	−39·877	− 4	...	...
...	51·597	+19·889	− 3	...	...
...	51·611	−21·772	− 5	...	...
*	+51·768	− 2·345	1·00	46.8839	9·8
*	51·937	−56·160	1·10	46.8842	9·5
...	52·016	+22·227	− 3	...	...
...	52·084	−47·927	− 2	...	...
...	52·133	−33·536	− 5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
1381–1440					
1381				°	
...	+52′·146	+ 1′·306	0·90	...	...
*	52·157	−50·817	1·80	46.8843	9·0
*	52·163	−29·799	1·10	46.8841	9·3
*	52·190	−23·233	1·60	46.8840	9·2
...	52·228	−24·514	− 4	...	...
...	+52·267	+45·053	− 1	...	...
...	52·456	− 1·039	0·80	...	...
...	52·460	+ 4·488	− 2	...	...
*	52·497	−59·122	1·50	46.8844	9·4
...	52·800	+17·286	− 2	...	...
1391					
...	+52·804	−29·943	− 5	...	...
...	52·816	−23 782	− 5	...	...
...	52·874	−54·683	− 4	...	...
...	53·047	+55·925	− 2	...	...
...	53·087	+40·045	− 5	...	...
...	+53·148	+15·839	− 3	...	...
...	53·222	+ 1·803	0·90	45.8789	9·8
...	53·292	−23·973	− 5	...	...
...	53·435	+25·557	− 3	...	...
...	53·443	− 4·314	0·90	46.8845	9·8
1401					
...	+53·645	− 0·107	− 1	*f*	...
...	53·719	− 9·539	− 5	...	...
S*	53·775	+51·742	2·60	45.8788	8·6
...	53·795	−16·034	− 4	...	...
...	53·900	+41·893	− 4	...	...
...	+54·180	+ 4·519	0·90	...	...
...	54·275	−31·005	− 4	...	...
...	54·522	−56·766	0·90	...	...
...	54·526	+49·525	− 4	...	...
†	54·804	+33·555	− 2	...	...
1411					
‡	+54·819	+32·146	1·30	45.8790	9·3
...	54·892	−51·323	− 5	...	...
*	54·896	+ 6·505	1·50	45.8791	9·2
...	54·933	+28·535	− 4	...	...
*	54·975	−42·450	2·00	46.8846	8·8
...	+55·034	−12·359	0·65	...	...
...	55·086	+35·166	− 5	...	...
...	55·434	+24·553	0·70	...	...
...	55·453	+58·046	− 5	...	...
...	55·461	+15·941	− 5	...	...
1421					
...	+55·556	+46·176	− 5	...	...
...	55·591	+25·406	− 2	...	...
...	55·602	+17·688	0·80	...	...
*	55·656	+49·966	1·25	45.8792	9·6
...	55·682	− 3·760	− 5	...	...
...	+55·730	−12·583	− 3	...	...
...	55·759	−57·026	− 5	...	...
...	55·917	−11·277	− 5	...	...
...	55·969	+23·561	− 4	...	...
...	56·020	+20·876	0·75	45.8793	9·8
1431					
...	+56·097	−27·190	− 5	...	...
...	56·154	+15·698	− 5	...	...
...	56·251	+44·965	− 4	...	...
...	56·355	−27·559	− 5	...	...
...	56·378	−11·685	− 5	...	...
...	+56·446	−31·443	− 1	...	...
...	57·179	−42·783	− 5	...	...
...	57·250	+54·485	− 2	...	...
*	57·269	−13·443	1·25	46.8847	9·5
...	57·334	−42·050	− 1	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1441–1450					
1441	′	′		°	
...	+57·657	+18·628	− 5	...	...
...	57·696	+19·455	− 5	...	...
*	57·705	+46·330	2·00	45.8794	9·1
...	57·705	+ 1·618	0·70	...	...
...	57·802	+ 8·576	− 5	...	...
...	+57·805	−30·572	− 2	...	...
...	58·007	− 3·345	0·70	...	...
...	58·059	−37·353	0·90	...	...
*	58·086	+27·878	1·10	45.9795	9·6
...	58·161	−30·260	− 1	...	...
1451–1460					
1451	′	′		°	
*	+58·390	+47·645	1·00	45.8796	9·8
*	58·405	−37·112	1·15	46.8848	9·8
...	58·453	+ 9·478	− 5	...	...
...	58·492	+ 2·272	− 4	...	...
...	58·540	−14·678	− 3	...	...
...	+58·669	−32·673	− 4	...	...
...	59·077	+ 7·374	− 5	...	...
*	59·182	− 1·000	1·15	45.8799	9·8
...	59·317	−29·058	− 4	...	...
*	59·335	+30·388	1·10	45.8797	9·8
1461–1462					
1461	′	′		°	
...	+59·596	−21·525	− 5	...	...
†	59·715	+33·762	− 4	...	...

1–40					
1	′	′		°	
...	−59·841	−17·339	− 5	...	...
...	59·653	+22·302	0·65	...	...
...	59·630	+24·022	− 3	...	...
...	59·582	+29·835	0·70	...	...
...	59·549	+56·627	1·00	45.8783	9·8
*	−59·469	−45·271	1·05	46.8824	9·6
...	59·428	−10·900	− 5	...	...
...	59·422	−15·952	0·75	...	...
*	59·247	− 1·129	1·05	45.8781	9·8
...	59·137	+23·244	− 3	...	...
11					
...	−59·113	+22·897	− 4	...	...
...	59·045	+44·824	− 3	...	...
...	58·900	−47·968	0·85	...	...
...	58·896	+24·065	− 5	...	...
*	58·854	− 1·194	1·05	45.8782	9·8
...	−58·782	+ 8·669	− 5	...	...
...	58·707	+24·440	0·80	...	...
*	58·645	−38·202	2·00	46.8826	9·0
...	58·588	+39·016	− 4	...	...
...	58·537	−25·694	− 5	...	...
21					
*	−58·421	−58·239	2·20	46.8825	8·7
...	58·370	+26·373	− 3	...	...
...	58·367	−16·302	− 4	...	...
...	58·231	−27·520	− 3	...	...
...	58·093	−49·627	− 3	...	...
...	−57·878	+15·263	− 5	...	...
...	57·763	−18·127	− 4	...	...
...	57·497	−24·879	− 5	...	...
...	57·471	+28·451	1·30	45.8785	9·4
...	57·383	−16·584	0·85	46.8827	9·8
31					
...	−57·358	− 6·769	− 4	...	...
...	57·325	−16·666	− 1	...	...
...	57·317	−51·036	0·95	...	...
...	57·311	+16·206	− 3	...	...
*	57·107	+ 6·816	1·05	45.8784	9·5
...	−56·965	+20·664	− 4	...	...
...	56·851	−34·037	0·65	...	...
...	56·843	+19·660	− 2	...	...
...	56·727	+21·073	− 5	...	...
N	56·650	+50·965	− 3	...	...
41–80					
41	′	′		°	
...	−56·544	−23·562	− 5	...	...
...	56·494	−52·612	− 5	...	...
...	56·448	−27·265	− 5	...	...
...	56·353	−57·562	− 5	...	...
...	56·087	+55·672	− 5	...	...
*	−56·037	−30·969	1·25	46.8828	9·8
...	56·011	+21·565	− 3	...	...
...	55·958	− 4·749	− 4	...	...
...	55·933	+39·745	− 5	...	...
*	55·930	+ 9·100	1·00	45.8786	9·6
51					
...	−55·867	+ 5·547	− 3	...	...
...	55·792	+32·593	− 5	...	...
...	55·759	+15·058	− 5	...	...
...	55·689	+23·083	− 3	...	...
...	55·580	+32·546	0·80	...	...
*	−55·477	+41·497	1·05	45.8787	9·8
...	55·460	− 0·211	− 4	F	...
...	55·452	− 9·166	− 5	...	...
...	55·362	+18·729	− 5	...	...
...	55·313	−20·583	− 5	...	...
61					
...	−55·191	+ 5·698	− 5	...	...
...	55·177	+52·624	0·75	...	...
†	55·025	−48·188	0·70	...	...
†	54·975	−23·778	− 5	...	...
†	54·959	− 3·560	− 4	...	...
...	−54·708	−36·052	0·90	46.8830	9·8
...	54·661	+28·113	− 5	...	...
...	54·653	+13·574	− 5	...	...
...	54·623	−44·306	− 4	...	...
...	54·504	−38·476	0·85	...	...
71				46.8831	9·6
*	−54·429	−38·471	1·00	...	...
...	54·453	+32·091	− 5	...	...
...	54·449	+33·493	− 4	...	...
...	54·372	−22·695	− 3	...	...
...	54·363	−36·135	− 2	...	...
...	−54·310	+44·069	− 5	...	...
*	54·283	−59·177	1·90	46.8829	9·2
...	54·230	− 5·117	− 4	...	...
...	54·133	−14·654	− 1	...	...
...	54·028	−35·029	− 5	E	...
81–120					
81	′	′		°	
...	−53·989	+ 4·862	− 5	...	...
...	53·989	−29·910	− 4	...	...
...	53·932	+11·102	− 3	...	...
...	53·696	−49·590	− 5	...	...
...	53·686	−31·899	− 4	...	...
†	−53·399	+45·017	− 2	...	...
...	53·297	+12·476	0·85	...	...
...	53·267	+19·855	− 4	...	...
...	53·242	+14·714	− 4	...	...
...	53·222	+ 5·380	0·80	...	...
91					
...	−53·123	−13·626	− 3	...	...
...	53·102	−17·294	0·90	...	...
*	52·965	−42·308	1·50	46.8832	9·3
...	52·948	+55·925	− 3	...	...
*	52·948	−18·212	2·30	46.8833	8·4
...	−52·927	+22·205	− 3	...	...
...	52·847	−20·489	− 5	...	...
S*	52·819	−15·222	3·20	46.8835	7·9
...	52·493	−30·734	− 4	...	...
...	52·424	−32·798	− 5	...	...
101					
†	−52·416	+40·053	− 5	...	...
...	52·384	− 2·368	0·90	46.8839	9·8
...	52·369	−14·581	− 4	...	...
...	52·144	−48·585	0·90	46.8836	9·8
...	52·134	+ 1·300	0·85	...	...
...	−52·109	−48·890	− 2	...	...
S*	52·077	+51·760	2·40	45.8788	8·6
...	51·979	+17·300	− 2	...	...
...	51·973	−57·649	0·85	46.8834	9·8
...	51·947	−21·771	− 5	...	...
111					
...	−51·913	+ 4·501	− 3	...	...
...	51·811	−43·430	0·90	46.8838	9·8
*	51·791	−54·852	1·60	46.8837	9·2
...	51·743	− 1·021	0·65	...	...
...	51·653	+41·910	− 5	...	...
...	−51·614	+25·570	− 4	...	...
...	51·586	+15·866	− 3	...	...
...	51·480	−46·175	− 5	...	...
...	51·443	−39·869	− 4	...	...
*	51·296	−23·212	1·40	46.8840	9·2

ES measured from 1, 142, 249, 375, 467, 559, 654, 755, 871, 966, 1102, 1224.
MC „ „ 64, 195, 324, 412, 518, 617, 702, 811, 909, 1038, 1174, 1278.
40. Partly obscured by fault.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
121–180					
121	′	′		°	
…	−51·270	+49·569	− 4	…	…
…	51·231	−24·489	− 4	…	…
‡	51·141	−29·778	1·10	46.8841	9·3
…	51·068	+ 1·839	0·90	45.8789	9·8
…	51·031	−33·521	− 5	…	…
…	−50·676	−23·738	− 5	…	…
…	50·663	− 4·274	0·85	46.8845	9·8
…	50·643	−47·893	− 3	…	…
…	50·605	+58·127	− 5	…	…
…	50·598	− 0·062	− 1	F	…
131					
*	−50·522	−56·125	1·10	46.8842	9·5
…	50·487	+33·619	− 1	…	…
*	50·469	−50·785	1·90	46.8843	9·0
*	50·434	+32·222	1·20	45.8790	9·3
…	50·254	+35·249	− 5	…	…
…	−50·231	− 9·471	− 5	…	…
…	50·198	+28·614	− 4	…	…
…	50·191	+ 4·576	0·85	…	…
…	50·182	−23·921	− 5	…	…
‡	50·150	+50·052	1·00	45.8792	9·6
141					
…	−50·119	+46·269	− 5	…	…
…	49·931	−15·961	− 5	…	…
*	49·890	−59·093	1·60	46.8844	9·4
…	49·654	−54·634	− 3	…	…
…	49·576	+24·631	0·75	…	…
*	−49·543	+ 6·580	1·35	45.8791	9·2
…	49·445	+25·497	− 3	…	…
†	49·413	+45·060	− 3	…	…
…	49·283	+16·035	− 4	…	…
…	49·195	+17·791	0·65	…	…
151					
…	−49·008	+23·656	− 4	…	…
…	48·991	−30·920	− 5	…	…
…	48·869	+20·973	0·80	45.8793	9·8
…	48·817	−12·258	− 2	…	…
…	48·704	+54·602	− 3	…	…
…	−48·577	+15·811	− 5	…	…
…	48·447	− 3·637	− 5	…	…
…	48·124	−12·461	− 4	…	…
…	48·033	+45·862	− 5	…	…
*	47·981	+46·476	2·00	45.8794	9·1
161					
…	−47·970	−11·149	− 5	…	…
…	47·936	−56·662	0·90	…	…
*	47·916	−42·341	2·00	46.8846	8·8
…	47·722	−51·196	− 5	…	…
…	47·533	−58·327	− 5	M	…
…	−47·496	−11·548	− 5	…	…
…	47·345	+47·813	0·80	45.8796	9·8
…	47·291	−27·053	− 5	…	…
…	47·166	+18·781	− 5	…	…
…	47·160	+19·617	− 5	…	…
171					
…	−47·049	− 3·237	− 5	M	…
*	47·030	+28·043	1·00	45.8795	9·6
…	47·015	−27·407	− 5	…	…
…	46·806	−31·281	− 2	…	…
…	46·704	−56·881	− 5	…	…
…	−46·696	+ 8·748	− 5	…	…
…	46·586	+ 1·788	0·65	…	…
*	46·552	−13·263	1·15	46.8847	9·5
…	46·344	+58·596	0·95	45.8798	9·8
…	46·135	− 3·155	0·70	…	…
181–240					
181	′	′		°	
…	−46·087	+ 9·657	− 5	…	…
*	45·864	+30·599	0·95	45.8797	9·8
…	45·817	+ 2·473	− 5	…	…
…	45·792	−43·637	− 5	…	…
…	45·711	−42·593	− 5	…	…
…	−45·600	+33·956	− 5	…	…
…	45·579	−41·861	− 2	…	…
…	45·469	−30·380	− 3	…	…
…	45·300	−36·086	− 5	…	…
…	45·268	−23·373	− 5	…	…
191					
…	−45·237	−14·465	− 5	…	…
…	45·125	−30·050	− 2	…	…
…	45·124	−35·734	− 5	…	…
†	45·033	− 0·779	0·85	45.8799	9·8
†	45·004	−37·144	0·75	…	…
…	−44·788	+35·765	0·90	45.8801	9·8
‡	44·776	+15·049	0·90	45.8800	9·8
*	44·665	−36·884	0·90	46.8848	9·8
…	44·548	−32·453	− 4	…	…
…	44·476	+35·839	− 5	…	…
201					
…	−44·332	+22·136	0·80	…	…
*	44·181	+32·891	1·00	45.8802	9·6
…	44·137	−39·121	− 5	…	…
…	44·014	−28·814	− 4	…	…
…	43·692	+19·740	0·70	…	…
*	−43·596	+54·333	1·30	45.8803	9·5
…	43·558	+33·224	− 4	…	…
…	43·545	−28·795	− 4	…	…
…	43·517	+39·671	− 5	…	…
…	43·476	−10·374	− 4	…	…
211					
…	−43·300	−13·046	− 5	…	…
…	43·242	+27·806	− 3	…	…
…	43·090	− 6·463	− 1	…	…
*	43·086	+52·141	1·60	45.8804	9·2
…	43·056	+43·388	− 4	…	…
…	−42·980	+19·640	− 4	…	…
…	42·725	−10·851	− 1	…	…
…	42·683	+53·380	0·80	…	…
…	42·634	+26·479	− 5	…	…
*	42·492	−27·833	1·00	46.8849	9·6
221					
…	−42·488	−38·783	0·65	…	…
…	42·482	−35·722	0·70	…	…
…	42·154	− 5·010	− 1	…	…
…	42·154	−36·455	− 5	…	…
‡	42·081	−29·734	1·30	46.8850	9·3
…	−42·069	− 0·080	− 5	M	…
…	42·065	+39·712	− 4	…	…
*	42·009	+30·832	0·95	45.8805	9·8
…	42·007	+42·223	− 4	…	…
†	41·981	+15·164	− 3	…	…
231					
*	−41·909	−32·580	3·20	46.8851	7·5
…	41·850	+46·595	− 4	…	…
…	41·806	−14·602	− 4	…	…
*	41·451	+ 7·736	0·90	45.8807	9·6
*	41·392	+ 0·862	1·10	45.8806	9·6
*	−41·332	−37·297	1·00	46.8852	9·6
…	41·304	+37·526	− 5	…	…
…	41·278	−14·450	− 4	…	…
…	41·220	+41·222	0·65	…	…
…	41·038	−57·893	0·95	…	…
241–300					
241	′	′		°	
*	−40·686	−16·525	0·95	46.8853	9·6
…	40·584	−41·992	− 4	…	…
…	40·532	+ 8·341	− 4	…	…
…	40·453	+29·482	− 4	…	…
…	40·423	+ 6·987	− 3	…	…
…	−40·346	+ 8·140	− 5	…	…
*	40·341	−13·363	0·95	46.8854	9·6
…	40·300	− 0·523	− 5	…	…
…	39·970	+44·493	− 5	…	…
…	39·874	+13·509	− 2	…	…
251					
*	−39·842	+19·006	1·10	45.8809	9·6
…	39·833	−38·621	− 4	…	…
*	39·748	−35·616	2·20	46.8855	8·4
…	39·727	+50·951	− 4	…	…
SN *	39·627	+ 4·418	4·00	45.8808	7·2
…	−39·583	−12·854	− 4	…	…
…	39·582	−39·214	0·65	…	…
…	39·430	−45·787	− 2	…	…
…	39·398	−35·864	− 3	…	…
…	39·291	+33·318	− 2	…	…
261					
…	−39·283	−44·029	− 5	…	…
…	39·083	+15·009	− 4	…	…
*	39·078	−13·757	1·25	46.8857	9·3
…	39·075	−33·223	− 5	…	…
…	39·020	+47·915	− 1	…	…
…	−38·994	−48·976	0·80	46.8856	9·8
…	38·977	−41·713	− 5	…	…
…	38·885	− 4·474	− 3	…	…
…	38·872	−31·064	− 5	…	…
…	38·762	+35·616	− 5	…	…
271					
*	−38·755	−48·626	1·00	…	…
…	38·713	−30·238	0·70	…	…
*	38·487	−33·688	2·00	46.8858	8·7
*	38·473	+51·756	1·00	45.8810	9·8
…	38·470	−33·627	− 4	…	…
…	−38·374	+37·165	− 3	…	…
…	38·289	−43·308	− 5	…	…
…	38·271	− 5·194	− 5	…	…
…	38·058	+33·118	− 4	…	…
…	37·821	−58·673	− 3	…	…
281					
…	−37·791	−41·190	− 3	…	…
…	37·771	−19·697	− 4	…	…
n *	37·762	+28·249	1·00	45.8811	9·4
*	37·761	+44·576	0·95	45.8813	9·8
…	37·748	+46·974	− 5	…	…
…	−37·717	− 7·784	− 1	…	…
n	37·686	+28·359	0·75	45.8811	9·4
…	37·627	−53·836	− 4	…	…
*	37·587	+32·465	1·05	45.8812	9·5
…	37·560	+ 8·580	− 4	…	…
291					
…	−37·497	−42·850	− 3	…	…
…	37·291	+37·977	− 3	…	…
…	37·198	+21·882	− 2	…	…
…	37·187	−33·231	− 5	…	…
*	37·180	+36·630	0·95	45.8816	9·8
*	−37·085	+33·603	1·20	45.8815	9·3
*	37·022	+ 1·944	1·05	45.8814	9·6
…	36·999	−16·451	− 5	…	…
…	36·957	+30·635	− 5	…	…
…	36·608	−31·308	− 5	M	…

255. Remeasure 1914, y=+4′·431.
283, 287. C.P.D., probably mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
301-360					
301					
...	−36′·495	−55′·938	0·80	...	...
...	36·381	+56·475	0·80	...	...
...	36·255	− 2·606	− 4	...	...
...	36·137	+29·459	0·75	45.8817	9·8
...	36·130	+29·712	0·65		
...	−36·063	−56·544	− 4	...	...
...	36·057	+57·301	− 5	...	...
...	36·043	−45·126	− 4	...	...
...	35·914	+12·157	0·65	...	...
...	35·682	+47·097	− 5	...	...
311					
*	−35·518	+37·418	0·90	45.8819	9·8
...	35·500	+34·892	− 5	...	...
...	35·396	−30·676	− 5	...	...
...	35·396	+45·776	− 2	...	...
...	35·375	−27·640	− 4	...	...
...	−35·344	−37·130	− 5	...	...
*	35·328	+18·505	1·05	45.8818	9·8
*	35·271	−54·451	1·35	46.8859	9·3
*	35·270	+53·860	1·15	45.8820	9·4
...	35·238	−46·546	− 3	...	...
321					
...	−35·234	−58·134	− 5	...	...
...	35·174	+24·054	− 4	...	...
†	35·066	−44·286	− 3	...	...
...	34·957	+40·771	− 4	...	...
...	34·756	+39·315	− 4	...	...
*	−34·730	−56·187	1·80	46.8860	8·8
...	34·644	−31·671	0·80	46.8861	9·8
...	34·476	−38·427	− 4	...	...
...	34·348	+ 6·156	− 2	...	...
*	34·329	−38·484	1·10	46.8862	9·4
331					
...	−34·253	−52·824	0·80	...	...
...	33·862	−24·173	0·75	...	...
...	33·861	+30·613	0·70	...	...
...	33·821	+53·807	− 5	...	...
...	33·776	−52·273	− 4	...	...
...	−33·661	+ 1·014	− 5	...	...
...	33·648	+20·530	− 5	...	...
...	33·635	−10·673	− 5	...	...
...	33·584	−52·844	− 4	...	...
...	33·570	−30·672	− 1	...	...
341					
*	−33·483	+47·685	1·40	45.8821	9·2
*	33·248	+36·441	1·00	45.8822	9·5
*	33·237	−49·831	1·10	46.8863	9·6
...	33·073	−52·125	− 5	...	...
...	32·735	+12·879	0·65	...	...
...	−32·720	+34·333	0·75	...	...
...	32·704	+22·135	0·85	45.8823	9·8
...	32·625	+58·558	− 1	...	...
...	32·462	+40·873	− 3	...	...
...	32·449	+13·598	0·65	...	...
351					
...	−32·420	+ 6·410	− 1	...	...
...	32·389	−43·131	− 3	...	...
*	32·369	−23·854	1·00	46.8864	9·8
...	32·316	+24·260	− 5	...	...
...	32·314	+43·972	− 2	...	...
...	−32·296	+44·689	− 1	...	...
...	32·147	− 0·095	− 4	M	...
...	31·822	−33·588	− 1	...	...
...	31·714	+29·284	− 4	...	...
...	31·707	−17·845	− 1	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
361-420					
361					
...	−31′·662	−40′·001	− 3	...	...
...	31·250	−30·838	− 4	...	...
...	31·243	+ 1·944	− 2	...	...
...	31·096	+ 7·737	− 5	...	...
*	31·082	+22·208	0·95	45.8824	9·8
...	−31·051	+49·093	0·80	...	...
...	30·963	+25·641	− 4	...	...
...	30·727	+ 5·990	− 2	...	...
*	30·520	+18·214	1·00	45.8825	9·6
...	30·505	−59·580	− 3	...	...
371					
...	−30·402	+46·520	− 5	...	...
...	30·331	+25·319	0·70	...	...
S ‡	30·167	−46·887	3·00	46.8866	8·1
‡	30·088	+40·746	0·95	45.8826	9·8
*	29·620	−57·843	1·00	46.8867	9·8
...	−29·361	+ 2·867	− 5	...	...
...	28·685	−55·531	0·80	...	...
...	28·636	+ 0·261	− 5	...	...
...	28·173	−42·427	− 5	...	...
‡	28·084	+ 0·112	4·70	45.8827	7·3
381					
*	−28·038	+18·004	2·10	45.8828	8·9
...	27·989	+33·823	− 5	...	...
*	27·881	−42·895	1·10	46.8868	9·4
...	27·683	+43·204	− 4	...	...
...	27·478	+29·097	− 5	...	...
...	−27·424	+53·512	− 5	...	...
...	27·337	+43·077	− 2	...	...
...	27·285	−21·473	− 5	...	...
...	27·178	+24·185	− 2	...	...
...	26·887	+43·352	0·90	...	...
391					
...	−26·804	+30·913	0·70	...	...
...	26·758	+11·838	− 4	...	...
...	26·586	− 3·538	− 5	...	...
...	26·436	+19·259	− 4	...	...
...	26·320	− 9·648	− 5	...	...
...	−26·230	+47·962	− 5	...	...
...	26·169	−19·215	− 5	...	...
...	26·155	−58·998	− 5	...	...
...	26·084	−13·866	− 5	...	...
...	26·024	+26·339	− 5	...	...
401					
†	−25·949	− 9·782	− 5	...	...
...	25·788	−30·616	− 4	...	...
...	25·486	+ 3·244	0·85	45.8829	9·8
...	25·442	+ 6·656	− 5	...	...
*	25·417	−16·325	1·40	46.8869	9·2
...	−25·359	−56·723	− 5	...	...
n*	25·293	+51·428	2·60	45.8830	8·0
...	25·287	−45·092	− 5	...	...
...	25·247	+43·715	− 5	...	...
n*	25·190	+51·632	1·60	45.8830	8·0
411					
‡	−25·059	−17·628	1·15	46.8870	9·3
...	24·925	+55·348	− 5	M	...
...	24·839	+58·429	0·95	45.8832	9·8
...	24·838	+44·042	0·90	45.8831	9·8
...	24·612	+51·372	− 1	...	...
...	−24·464	−37·980	0·85	46.8871	9·8
...	24·452	− 3·737	− 3	...	...
...	24·426	− 2·196	− 4	...	...
...	24·365	+27·853	− 3	...	...
...	24·323	−48·786	− 3	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
421-480					
421					
...	−24′·072	+31′·679	− 4	...	...
...	24·055	−11·662	− 2	...	...
...	24·013	+54·942	− 4	M	...
...	23·988	− 9·926	− 2	...	...
...	23·920	−58·984	0·80	...	...
*	−23·919	+50·605	2·00	45.8833	8·7
...	23·865	+28·173	− 4	...	...
...	23·722	−46·284	− 5	...	...
...	23·693	+ 6·000	− 5	...	...
...	23·561	+45·737	− 1	...	...
431					
...	−23·172	+51·917	− 1	...	...
...	23·150	+55·558	− 5	...	...
...	23·085	+33·260	− 5	...	...
...	23·081	+37·657	− 4	...	...
...	23·062	−44·581	− 5	M	...
...	−22·819	−50·581	− 5	...	...
†	22·720	− 4·832	− 5	...	...
*	22·586	−21·112	1·30	46.8872	9·2
...	22·447	−57·073	− 5	...	...
...	22·422	−14·443	− 5	...	...
441					
...	−22·349	+57·741	− 5	...	...
...	22·348	+57·885	− 5	...	...
...	22·067	−11·460	− 1	...	...
...	22·025	+58·734	− 3	...	...
S*	22·024	+24·395	3·70	45.8834	7·8
...	−21·990	+48·923	− 4	...	...
...	21·976	+23·657	− 5	...	...
...	21·849	+46·060	− 1	...	...
...	21·674	+45·642	− 5	M	...
...	21·531	+55·371	− 3	...	...
451					
*	−21·436	+25·796	1·30	45.8835	9·3
...	21·338	+50·292	− 4	...	...
...	21·299	−49·503	− 5	...	...
...	21·216	−19·131	− 3	...	...
...	21·137	+53·630	− 5	...	...
...	−21·086	+39·618	− 5	...	...
...	20·944	+46·745	− 4	...	...
*	20·909	+28·049	1·00	45.8836	9·8
...	20·797	+47·499	− 1	...	...
...	20·611	−32·681	− 5	...	...
461					
...	−20·576	−58·466	− 4	...	...
...	20·540	−58·119	− 5	...	...
*	20·436	+ 5·358	0·95	45.8837	9·8
*	20·313	− 9·523	1·00	46.8873	9·4
...	20·303	−41·748	− 5	...	...
...	−20·209	−21·998	− 4	...	...
...	19·954	+39·142	− 3	...	...
...	19·789	+53·500	− 3	...	...
...	19·636	+ 3·078	0·75	45.8839	9·8
...	19·628	+ 3·466	0·80	45.8838	9·8
471					
*	−19·602	− 5·267	1·15	46.8874	9·6
...	19·481	−20·205	− 2	...	...
...	19·480	+19·657	− 5	...	...
...	19·400	+58·902	− 5	...	...
...	19·352	−37·580	− 3	...	...
...	−19·331	+52·334	− 3	...	...
*	19·157	− 2·794	1·20	46.8876	9·6
...	19·003	−31·330	0·85	46.8875	9·8
*	18·939	+18·403	1·00	45.8840	9·8
...	18·862	−54·513	− 5	...	...

407, 410. C.P.D., mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
481–540					
481					
...	−18·599	+54·321	0·75	...	...
...	18·595	+20·815	− 3	...	...
...	18·433	+51·882	0·70	...	...
...	18·396	−58·759	− 5	...	...
...	18·345	+53·761	0·80	...	...
*	−18·239	−52·539	2·80	46.8877	7·8
...	18·184	+23·523	− 4	...	...
...	18·144	−51·872	− 4	...	...
...	18·131	−25·290	− 2	...	...
...	17·979	−28·071	− 5	...	...
491					
...	−17·853	−41·677	− 2	...	...
...	17·771	+20·463	− 5	...	...
...	17·630	+ 3·093	− 5	...	...
...	17·562	−39·865	− 2	...	...
...	17·544	+ 3·245	− 5	...	...
...	−17·293	+59·694	− 5	...	...
*	17·027	+51·248	1·00	45.8842	9·8
*	16·867	+16·286	1·25	45.8841	9·3
...	16·763	− 2·270	0·65	...	...
...	16·547	−31·246	− 5	...	...
501					
...	−16·371	−31·359	− 5	...	...
...	16·212	+ 0·910	0·80	...	...
...	16·111	+ 9·130	− 3	...	...
...	16·079	− 9·273	− 5	...	...
...	15·836	−22·172	− 5	...	...
...	−15·659	+25·416	− 5	...	...
...	15·563	+ 7·099	− 2	...	...
...	15·463	−32·992	− 2	...	...
...	15·421	+ 8·462	− 4	...	...
...	15·400	−39·018	− 3	...	...
511					
...	−15·395	−32·588	− 3	...	...
*	15·385	+16·051	1·30	45.8843	9·3
*	15·202	+47·207	1·15	45.8844	9·4
...	15·150	+19·149	− 5	...	...
†	15·131	−12·771	0·90	46.8879	9·8
†	−15·085	−44·209	− 3	...	...
†	15·084	+23·220	0·65	...	...
...	15·023	−34·878	− 4	...	...
...	14·946	−36·679	− 3	...	...
*	14·918	−47·010	1·20	46.8878	9·3
521					
...	−14·885	−52·716	0·90	46.8880	9·8
...	14·813	+38·953	− 3	...	...
n	14·798	+30·156	0·85	45.8845	9·8
S *	14·634	− 4·448	1·90	46.8882	8·8
...	14·596	−59·066	− 4	...	...
n	−14·583	+30·257	0·70	45.8845	9·8
...	14·524	−24·684	0·80	46.8881	9·8
...	14·274	+56·794	0·70	...	...
...	14·183	−22·810	− 3	...	...
...	13·847	−17·970	0·90	46.8883	9·8
531					
...	−13·810	−46·927	− 3	...	...
...	13·671	+59·547	− 3	...	...
*	13·559	−36·292	1·10	46.8884	9·3
...	13·341	+54·051	− 4	...	...
...	13·244	−56·482	− 4	...	...
...	−13·135	−43·463	− 4	...	...
...	13·110	−48·190	− 5	...	...
...	13·090	+38·421	− 1	...	...
*	13·039	+47·615	1·20	45.8846	9·3
...	12·949	−36·558	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
541–600					
541					
...	−12·838	+46·245	− 4	...	...
...	12·748	−56·675	− 5	...	...
...	12·478	+54·690	0·80	...	...
...	12·433	−28·945	− 4	...	...
...	12·220	+58·423	− 4	...	...
...	−12·137	−47·806	− 3	...	...
...	12·036	+37·455	− 1	...	...
...	11·749	−28·036	− 5	...	...
...	11·653	+12·124	− 1	...	...
...	11·490	−56·603	− 3	...	...
551					
...	−11·303	−28·673	− 4	...	...
...	11·146	+40·214	− 4	...	...
...	11·027	+33·892	0·65	...	...
...	10·906	−53·220	− 5	...	...
...	10·768	+31·098	− 4	...	...
...	−10·726	−32·384	− 5	...	...
...	10·710	+50·463	− 4	...	...
...	10·567	+40·600	− 4	...	...
...	9·958	−23·837	− 5	...	...
...	9·854	−50·151	− 2	...	...
561					
*	− 9·814	+37·257	1·00	45.8847	9·8
...	9·749	+ 9·616	− 4	...	...
...	9·698	−53·495	− 5	...	...
...	9·692	+44·563	− 4	...	...
...	9·578	+38·940	− 4	...	...
...	− 9·298	+50·244	0·65	...	...
...	9·272	−57·835	0·65	...	...
*	9·141	+59·868	1·00	44.8754	9·8
...	9·070	− 1·030	0·85	46.8885	9·8
...	8·898	−30·106	− 4	...	...
571					
*	− 8·596	−47·167	1·05	46.8886	9·8
...	8·561	+54·535	− 2	...	...
...	8·266	−43·337	− 4	...	...
...	8·194	−36·943	− 5	...	...
...	8·159	−54·963	− 5	...	...
...	− 8·158	−39·187	− 1	...	...
*	8·095	−13·637	1·15	46.8887	9·5
...	8·054	−10·794	0·70	...	...
...	8·035	−31·735	− 2	...	...
...	7·991	+22·730	− 5	...	...
581					
*	− 7·882	+53·262	1·10	45.8848	9·6
...	7·769	+27·876	− 5	...	...
*	7·728	−52·248	0·80	...	...
...	7·716	−32·401	− 3	...	...
...	7·578	+39·928	− 4	...	...
...	− 7·488	+36·515	− 2	...	...
...	7·461	−15·041	− 5	...	...
...	7·374	−42·768	− 2	...	...
...	7·270	+51·873	− 5	...	...
...	7·164	−13·365	− 3	...	...
591					
...	− 7·064	−43·147	− 5	...	...
...	6·973	+47·799	− 5	...	...
*	6·962	+54·460	0·90	45.8849	9·8
...	6·887	+ 8·593	− 5	...	...
...	6·872	−24·667	− 3	...	...
...	− 6·851	+17·857	− 5	...	...
...	6·824	−22·255	− 2	...	...
...	6·613	+59·742	− 5	...	...
...	6·594	−13·790	− 5	...	...
...	6·594	−25·776	− 2	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
601–660					
601					
...	− 6·468	+ 4·031	− 3	...	...
...	6·347	+43·392	0·65	...	...
...	5·938	−45·988	0·70	...	...
...	5·873	−43·168	− 1	...	...
...	5·843	−50·187	− 5	...	...
*	− 5·841	− 4·298	1·90	46.8888	8·8
...	5·825	−55·111	− 5	...	...
...	5·729	−30·286	− 5	...	...
...	5·665	+59·622	− 4	...	...
...	5·658	+16·441	− 5	...	...
611					
...	− 5·595	− 2·975	− 4	...	...
...	5·499	−36·439	− 5	...	...
...	5·467	−21·941	− 4	...	...
...	5·381	+32·364	− 5	...	...
...	5·359	− 4·117	− 5	*m*	...
...	− 5·252	+57·626	− 5	...	...
...	4·919	−39·483	− 5	...	...
...	4·837	+48·940	0·85	45.8850	9·8
†	4·734	+49·993	− 4	...	...
...	4·692	− 1·759	− 3	...	...
621					
...	− 4·686	− 1·030	− 3	...	...
...	4·676	+31·413	− 5	...	...
*	4·605	− 0·805	1·30	46.8889	9·2
...	4·590	− 3·933	− 5	...	...
...	4·453	−46·444	− 5	...	...
...	− 4·452	+30·907	− 4	...	...
...	4·441	+48·148	− 5	...	...
...	4·370	−20·042	− 5	...	...
...	4·298	−12·049	0·75	46.8890	9·8
...	4·034	+10·880	− 2	...	...
631					
...	− 3·926	−38·096	0·85	...	...
...	3·747	−21·180	0·80	...	...
*	3·360	+41·666	1·00	45.8851	9·5
...	3·053	−39·022	− 5	...	...
...	2·737	−51·210	− 5	...	...
...	− 2·625	−45·523	0·90	46.8891	9·8
...	2·414	−23·374	− 2	...	...
...	2·405	+34·855	− 5	...	...
...	2·355	+57·155	0·65	...	...
‡	2·346	−14·861	1·00	46.8892	9·6
641					
*	− 2·249	+ 3·222	1·80	45.8852	9·1
...	2·184	+44·118	− 5	...	...
...	2·170	−30·335	0·75	...	...
...	1·984	−55·266	− 3	...	...
...	1·586	+44·030	− 4	...	...
...	− 1·299	+19·902	− 1	...	...
...	1·104	+18·032	− 4	...	...
...	0·781	−53·082	− 2	...	...
...	0·765	+52·581	− 2	...	...
...	0·729	−41·061	− 5	...	...
651					
...	− 0·486	−28·069	− 5	...	...
...	0·289	+ 5·308	− 1	...	...
*	0·216	−19·379	1·00	46.8893	9·6
†	0·098	−28·877	− 4	...	...
†	0·091	+14·321	− 5	...	...
†	− 0·058	−51·228	− 2	...	...
...	+ 0·164	−37·066	− 5	...	...
...	0·194	+38·888	− 4	...	...
...	0·348	+45·280	0·70	...	...
*	0·443	−58·555	1·05	46.8894	9·8

523, 526. C.P.D., mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
661-720					
661				°	
...	+ 0·505	−26·749	− 4	...	...
...	0·993	+18·545	− 5	...	...
...	1·004	+ 6·679	− 5	...	...
...	1·142	−46·210	− 5	...	...
...	1·150	+ 1·498	− 4	...	...
...	+ 1·314	+ 9·914	− 3	...	...
...	1·364	+36·061	0·70	...	...
...	1·581	−49·148	− 4	...	...
*	1·746	+ 8·561	1·20	45.8853	9·3
...	1·815	+54·232	− 4	...	...
671					
...	+ 1·842	+59·875	− 5	...	...
S *	2·121	+32·668	3·65	45.8854	7·5
*	2·173	−16·281	1·15	46.8896	9·4
...	2·173	−45·052	− 3	...	...
...	2·226	−47·682	− 3	...	...
*	+ 2·287	−28·550	0·90	46.8895	9·8
*	2·346	+50·818	1·00	45.8855	9·6
...	2·461	−37·786	− 4	...	...
...	2·482	+50·603	− 4	...	...
...	2·490	− 7·420	− 4	...	...
681					
*	+ 2·492	+41·111	0·90	45.8856	9·6
*	2·502	−51·072	1·00	46.8897	9·6
...	2·588	− 5·446	− 4	...	...
...	2·744	−30·947	− 3	...	...
...	2·913	−14·120	0·65	...	...
...	+ 3·260	−48·527	− 5	...	...
*	3·342	+25·981	0·90	45.8857	9·8
...	3·362	−30·426	− 4	...	...
...	3·372	−17·447	− 1	...	...
†	3·893	+45·008	0·70	...	...
691					
...	+ 3·926	−46·387	− 4	...	...
...	3·950	+49·047	0·80	...	...
...	3·975	+55·643	− 4	...	...
...	4·048	− 0·410	− 5	...	...
...	4·100	+14·529	− 5	...	...
...	+ 4·181	+ 3·719	− 5	...	...
...	4·492	−54·873	− 5	...	...
...	4·526	−51·704	0·65	...	...
...	4·748	+ 4·096	− 3	...	...
...	4·782	−16·604	− 3	...	...
701					
...	+ 4·791	−34·970	− 5	...	...
†	4·918	+13·893	0·85	45.8858	9·8
...	5·059	+33·343	− 4	...	...
...	5·130	− 1·897	− 4	...	...
...	5·138	−47·217	− 4	...	...
...	+ 5·212	+ 9·628	− 4	...	...
†	5·336	−44·691	− 2	...	...
...	5·507	+31·040	− 3	...	...
...	5·555	−20·253	− 5	...	...
...	5·589	−45·768	− 5	M	...
711					
...	+ 5·746	−55·541	− 5	...	...
*	5·985	+ 4·685	1·00	45.8859	9·6
...	6·064	+15·676	− 1	...	...
...	6·108	−50·916	− 3	...	...
*	6·156	+42·064	1·80	45.8860	9·0
...	+ 6·201	− 4·994	− 5	...	...
...	6·217	+31·795	− 5	...	...
...	6·266	+48·636	− 2	...	...
...	6·275	− 7·104	− 1	...	...
...	6·378	+46·815	− 5	...	...
721-780					
721				°	
...	+ 6·416	−21·551	− 5	...	...
...	6·871	+46·807	− 4	...	...
...	6·995	−15·842	0·75	...	...
...	7·020	+30·777	− 4	...	...
...	7·156	−32·152	0·75	...	...
...	+ 7·199	+55·763	− 3	...	...
...	7·223	+34·980	− 5	...	...
...	7·243	+48·343	− 5	...	...
...	7·263	+32·539	− 3	...	...
*	7·312	− 0·274	1·05	45.8861	9·4
731					
...	+ 7·312	−23·495	− 5	...	...
...	7·362	−51·147	0·70	...	...
*	7·441	−27·983	1·30	46.8899	9·3
...	7·495	−22·572	− 5	...	...
...	7·695	−51·899	− 3	...	...
...	+ 7·699	−55·007	− 2	...	...
...	7·730	+18·420	0·65	45.8862	9·8
...	7·803	+34·030	− 4	...	...
...	8·055	−57·281	− 5	...	...
...	8·356	−19·440	− 4	...	...
741					
...	+ 8·371	+49·849	− 4	...	...
...	8·542	+47·901	− 4	...	...
*	8·546	+56·830	1·00	45.8863	9·6
...	8·614	−33·706	− 5	...	...
*	8·703	−50·569	1·00	46.8900	9·6
...	+ 8·765	+16·429	0·85	45.8864	9·8
...	8·958	−10·406	− 4	...	...
...	8·968	−53·876	− 3	...	...
*	9·033	−23·871	1·30	46.8901	9·3
...	9·111	−20·960	− 4	...	...
751					
...	+ 9·377	+44·123	− 3	...	...
...	9·678	+36·813	0·65	45.8865	9·8
†	9·836	−55·936	− 5	...	...
†	9·851	−54·579	0·80	46.8902	9·8
†	9·879	−29·555	− 3	...	...
...	+ 9·921	+ 4·330	− 5	...	...
...	9·927	+32·723	0·70	45.8866	9·8
*	9·960	+58·249	1·15	45.8867	9·3
...	10·002	+37·546	− 2	...	...
...	10·039	+10·625	− 4	...	...
761					
*	+10·101	+14·368	0·90	45.8868	9·8
...	10·206	−31·618	− 2	...	...
...	10·244	−56·219	− 3	...	...
*	10·389	+ 9·592	1·00	45.8869	9·6
...	10·491	+42·599	− 3	...	...
...	+10·659	+12·010	− 5	...	...
...	10·691	−23·213	− 4	...	...
...	10·754	+36·019	− 5	...	...
...	10·792	+59·210	− 5	...	...
...	10·975	+39·287	− 3	...	...
771					
...	+11·190	+26·040	0·75	...	...
*	11·254	−31·340	0·95	46.8903	9·8
...	11·397	+51·047	− 5	...	...
...	11·511	−57·903	− 5	...	...
...	11·581	−54·243	− 2	...	...
...	+11·816	+ 8·420	− 5	...	...
...	11·836	+44·427	0·70	...	...
...	11·840	+40·735	− 5	...	...
...	11·856	−38·241	− 5	...	...
*	11·959	−38·503	1·05	46.8904	9·6
781-840					
781				°	
...	+11·964	+17·739	− 4	...	...
...	12·017	+53·841	− 5	...	...
...	12·183	−14·405	− 4	...	...
...	12·283	+51·271	− 5	...	...
†	12·298	+ 0·147	0·80	α	...
...	+12·389	− 9·008	− 5	...	...
...	12·424	−11·917	0·65	...	...
...	12·531	−26·713	− 3	...	...
...	12·544	+45·271	− 5	...	...
*	12·558	+ 9·286	1·25	45.8870	9·3
791					
...	+12·915	−45·192	− 5	*m*	...
*	13·049	−30·644	1·10	46.8905	9·6
...	13·080	+12·534	0·65	...	...
...	13·140	−11·427	− 3	...	...
...	13·142	+56·414	− 4	...	...
...	+13·229	−35·392	− 4	...	...
...	13·498	−12·507	− 5	*m*	...
...	13·658	−55·103	0·85	46.8906	9·8
...	13·760	−12·980	− 3	...	...
*	13·794	+ 6·018	1·00	45.8871	9·8
801					
...	+13·865	−53·754	0·65	...	...
...	13·902	−51·221	− 5	...	...
α ‡	13·953	+ 0·177	1·10	45.8872	9·5
...	14·221	+52·067	− 5	...	...
...	14·435	+26·893	0·75	45.8873	9·8
...	+14·451	+56·017	0·80	...	...
...	14·531	+49·948	− 5	...	...
...	14·596	+55·697	− 3	...	...
...	14·617	−24·539	− 5	...	...
‡	14·754	+39·801	2·50	45.8874	8·2
811					
‡	+14·852	+27·596	1·30	45.8875	9·3
†	14·855	−13·440	0·65	46.8907	9·8
...	15·030	+21·717	− 4	...	...
...	15·179	+46·892	− 4	...	...
†	15·189	+55·069	0·80	...	...
*	+15·255	−44·037	1·05	46.8908	9·6
*	15·375	−54·335	1·80	46.8909	8·8
...	15·423	−24·889	− 3	...	...
...	15·652	−39·663	− 3	...	...
...	15·754	+16·358	− 2	...	...
821					
*	+15·801	−43·914	0·90	46.8910	9·8
...	16·121	−54·955	− 5	*m*	...
*	16·160	+16·982	1·00	45.8876	9·6
...	16·259	−44·350	− 5	...	...
...	16·267	+52·203	− 3	...	...
*	+16·280	+31·843	1·20	45.8877	9·3
...	16·319	+19·067	− 5	...	...
...	16·383	−24·504	0·85	46.8911	9·8
...	16·512	+59·531	0·65	...	...
...	16·667	−21·291	− 5	...	...
831					
...	+16·776	+24·170	− 3	...	...
...	16·810	+53·596	− 3	...	...
...	16·819	−51·948	− 4	...	...
...	16·849	+32·562	− 3	...	...
...	16·910	− 9·696	0·65	46.8912	9·8
...	+17·137	−37·167	− 3	...	...
...	17·149	+29·409	− 4	...	...
...	17·343	+56·734	0·85	...	...
*	17·375	−17·550	1·20	46.8913	9·5
...	17·388	+46·982	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
841–900					
841				°	
...	+17·419	−32·767	− 4	...	...
...	17·441	−56·126	− 5	...	...
...	17·759	+ 1·698	− 4	...	...
...	17·881	+27·172	− 4	...	...
...	17·930	+30·462	− 5	...	...
...	+17·966	+12·963	0·80	...	...
...	18·165	−44·270	− 5	...	...
*	18·254	−25·653	1·80	46.8914	8·8
...	18·279	+18·706	− 4	...	...
...	18·449	−43·591	− 4	...	...
851					
...	+18·499	−57·869	− 3	...	...
...	18·576	−50·218	− 4	...	...
*	18·650	+24·673	1·00	45.8878	9·8
...	18·672	− 3·243	− 1	...	...
...	18·698	−45·026	− 4	...	...
...	+18·841	+24·073	− 3	...	...
...	19·053	−50·339	− 1	...	...
...	19·057	−55·788	− 4	*m*	...
...	19·138	−40·815	− 4	...	...
...	19·189	+53·844	− 2	...	...
861					
...	+19·190	+45·098	− 4	...	...
...	19·204	+48·116	− 5	...	...
...	19·222	−47·618	− 4	...	...
S*	19·308	−11·023	3·15	46.8916	7·9
...	19·326	+19·806	− 4	...	...
...	+19·341	−33·506	− 4	...	...
*	19·544	−23·853	1·90	46.8917	8·6
...	19·594	+52·585	− 4	...	...
...	19·735	−58·340	− 5	...	...
†	19·796	+41·480	− 5	...	...
871					
†	+19·858	−49·591	− 4	...	...
S*	20·092	−32·742	2·30	46.8918	8·4
...	20·234	−46·794	− 3	...	...
...	20·458	−44·181	− 5	...	...
...	20·520	−33·409	− 5	*m*	...
...	+20·594	+28·247	− 2	...	...
*	20·723	+ 7·156	1·20	45.8879	9·4
...	20·733	+15·584	− 4	...	...
α*	20·752	− 0·110	1·00	45.8880	9·6
...	20·997	+47·224	0·75	...	...
881					
...	+21·604	+29·847	− 5	...	...
...	21·641	−51·573	− 2	...	...
...	21·735	−35·375	− 5	*m*	...
...	21·759	+24·850	− 5	...	...
...	21·849	+18·757	− 5	...	...
...	+22·268	+59·903	− 5	...	...
S*	22·357	+22·238	2·20	45.8881	8·7
...	22·399	−21·050	− 5	*m*	...
...	22·435	+10·709	− 5	...	...
*	22·523	+28·221	1·40	45.8882	9·3
891					
...	+22·655	+45·725	− 4	...	...
...	22·793	−52·352	− 3	...	...
...	23·134	+37·031	− 3	...	...
...	23·320	−54·840	− 5	...	...
*	23·400	+51·761	1·50	45.8883	9·2
...	+23·442	−22·942	− 4	...	...
...	23·672	+53·363	− 5	...	...
*	23·907	−23·751	1·05	46.8919	9·8
...	23·920	+ 2·778	− 5	*m*	...
...	23·955	+35·669	− 5	...	...
901–960					
901				°	
...	+24·037	−50·411	− 5	...	...
...	24·199	+27·599	− 3	...	...
...	24·241	+34·902	− 5	*m*	...
...	24·291	+30·389	− 5	...	...
...	24·548	−58·925	− 5	...	...
...	+24·560	−27·450	− 5	...	...
...	24·585	−12·773	− 3	...	...
...	24·670	+53·497	− 1	...	...
...	24·894	−50·795	− 2	...	...
...	24·899	− 7·027	0·75	...	...
911					
...	+24·960	+35·156	− 4	...	...
...	25·120	−36·775	− 5	*m*	...
*	25·220	−19·311	1·10	46.8921	9·6
...	25·320	− 8·986	− 3	...	...
...	25·410	+36·427	− 4	...	...
...	+25·469	−32·478	− 5	*m*	...
...	25·545	−43·254	− 4	...	...
...	25·598	−32·136	− 5	...	...
*	25·676	− 1·136	1·00	46.8922	9·8
...	25·914	−52·180	− 2	...	...
921					
*	+25·963	−16·677	0·90	46.8923	9·8
...	25·996	+46·096	− 3	...	...
...	26·017	−49·749	− 5	...	...
...	26·193	+14·196	− 4	...	...
...	26·244	+42·123	− 3	...	...
...	+26·334	−22·336	− 4	...	...
*	26·342	+32·827	1·20	45.8884	9·3
...	26·406	−14·418	− 5	...	...
...	26·501	+35·264	0·85	45.8885	9·8
...	26·535	+56·947	0·70	...	...
931					
...	+26·674	+31·355	− 3	...	...
...	27·010	−20·924	− 5	...	...
...	27·155	+52·364	− 2	...	...
...	27·186	+ 1·386	− 4	...	...
*	27·201	+ 7·121	1·30	45.8886	9·3
...	+27·365	−12·616	− 3	...	...
*	27·455	−18·362	0·95	46.8925	9·8
*	27·459	−23·288	1·00	46.8924	9·5
...	27·541	+50·307	− 2	...	...
*	27·657	−39·861	1·10	46.8926	9·5
941					
...	+27·662	− 6·029	− 5	...	...
...	27·695	+52·723	− 4	...	...
...	27·765	−23·142	− 4	...	...
...	27·789	+28·057	− 2	...	...
...	27·945	−41·466	0·70	...	...
...	+27·976	+26·010	− 4	...	...
...	28·307	+ 0·755	− 4	...	...
*	28·380	− 0·956	1·00	46.8927	9·8
...	28·472	−16·624	− 4	...	...
...	28·565	+24·132	− 5	...	...
951					
...	+28·587	−12·880	− 4	...	...
...	28·601	−37·720	− 3	...	...
...	28·635	+40·971	0·90	...	...
...	28·723	−48·216	− 2	...	...
...	28·767	+10·388	− 4	...	...
...	+28·822	+ 2·363	− 4	...	...
*	28·977	−36·363	0·90	46.8928	9·8
*	29·018	+15·318	0·90	45.8887	9·8
...	29·094	−10·506	− 1	...	...
...	29·182	− 4·282	− 1	...	...
961–1020					
961				°	
...	+29·235	− 5·410	− 1	...	...
...	29·248	−51·223	− 1	...	...
...	29·410	−57·987	− 4	...	...
*	29·460	−22·177	0·95	46.8929	9·8
...	29·671	+42·090	− 4	*m*	...
...	+29·958	−47·979	− 4	...	...
...	30·016	+44·736	− 5	*m*	...
...	30·034	+57·076	0·75	...	...
...	30·067	−32·747	− 5	...	...
...	30·193	+29·054	− 5	...	...
971					
* [	+30·294	−53·150	1·10	46.8930	9·2
* [	30·370	−53·123	1·10		
...	30·351	+32·729	− 2	...	...
...	30·362	+41·297	0·70	...	...
...	30·362	+ 2·296	0·70	...	...
...	+30·510	+ 5·576	− 3	...	...
...	30·626	+46·421	− 5	*m*	...
*	30·640	+23·131	1·10	45.8888	9·6
...	30·688	+ 0·265	− 5	...	...
α *	30·829	− 0·133	1·10	45.8889	9·5
981					
*	+30·834	− 9·581	1·00	46.8931	9·6
...	30·925	+54·569	− 5	...	...
...	31·085	+40·758	0·75	...	...
...	31·138	−45·869	− 5	...	...
...	31·157	−31·101	− 5	...	...
...	+31·176	+27·894	− 5	...	...
...	31·311	− 4·108	− 4	...	...
†	31·312	+15·123	− 3	...	...
...	31·316	+ 9·945	− 4	...	...
...	31·320	+43·093	− 5	...	...
991					
...	+31·347	−49·013	− 5	...	...
*	31·386	−37·985	1·15	46.8932	9·3
...	31·529	−13·875	0·65	...	...
...	31·545	+34·555	− 5	...	...
*	31·635	+30·885	1·20	45.8890	9·3
...	+31·720	−53·225	− 4	...	...
...	31·731	+40·156	− 4	...	...
...	31·734	+51·895	− 5	*m*	...
...	31·867	−26·972	− 4	...	...
...	31·882	−33·650	− 5	...	...
1001					
...	+32·059	−25·874	− 5	...	...
...	32·213	+13·457	− 4	...	...
...	32·295	+34·486	− 5	...	...
...	32·337	− 8·208	− 5	...	...
...	32·344	+19·053	− 5	...	...
...	+32·425	+16·312	− 5	...	...
...	32·448	+24·886	0·75	...	...
...	32·559	−54·178	− 5	...	...
...	32·608	−41·845	− 5	*m*	...
...	33·058	−36·739	− 2	...	...
1011					
...	+33·068	+ 3·375	− 3	...	...
...	33·192	−23·731	− 5	...	...
...	33·312	+35·846	− 5	...	...
...	33·321	+21·010	0·70	...	...
...	33·341	−17·525	− 4	...	...
...	+33·434	+56·982	− 4	...	...
...	33·435	−11·142	0·70	...	...
...	33·444	−19·165	− 5	...	...
...	33·482	+48·370	− 5	*m*	...
...	33·545	+22·927	0·70	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1021-1080					
1021					
...	+33·597	+ 0·651	− 3	...	...
...	33·622	−25·765	− 5	...	...
...	33·640	−16·357	− 5	...	...
...	33·671	−43·420	− 3	...	...
...	33·712	− 0·544	− 4	*m*	...
...	+33·774	+ 0·488	− 4	...	...
...	33·790	−42·283	− 4	...	...
...	33·833	− 0·854	0·75	46.8933	9·8
...	33·985	−42·276	− 5	...	...
...	34·139	+ 2·288	− 5	...	...
1031					
...	+34·261	+ 2·357	− 5	...	...
...	34·373	+30·874	0·75	45.8891	9·8
*	34·479	−11·952	2·80	46.8934	8·2
...	34·552	−10·193	− 4	...	...
...	34·552	−38·672	− 2	...	...
...	+34·645	+ 7·882	− 5	*m*	...
†	34·759	−47·969	− 4	...	...
†	34·798	−38·133	− 4	...	...
‡	34·847	−20·124	2·60	46.8935	8·5
...	34·954	+42·174	− 2	...	...
1041					
...	+34·998	−55·536	− 5	*m*	...
...	35·090	−35·106	− 3	...	...
...	35·116	+33·311	− 2	...	...
...	35·183	−57·089	− 3	...	...
...	35·210	−31·166	− 4	...	...
...	+35·228	−29·115	− 2	...	...
*	35·267	−36·476	1·20	46.8936	9·4
...	35·283	+24·817	− 4	...	...
...	35·297	−27·457	− 5	...	...
*	35·333	+28·610	1·00	45.8892	9·6
1051					
...	+35·449	−58·227	− 5	...	...
...	35·527	+13·381	− 5	...	...
†	35·634	−44·781	− 3	...	...
...	35·654	+36·855	− 4	...	...
...	35·741	+45·801	− 4	...	...
...	+35·998	+33·831	− 4	...	...
...	36·171	− 0·015	− 5	*f*	...
...	36·189	+20·228	− 2	...	...
...	36·236	−47·172	− 2	...	...
...	36·583	−15·811	− 5	...	...
1061					
...	+36·611	−44·868	− 5	...	...
*	36·697	+30·968	1·50	45.8893	9·3
...	36·750	− 3·462	− 3	...	...
...	37·155	+ 1·008	− 2	...	...
...	37·193	+32·911	− 3	...	...
...	+37·198	+32·110	− 5	...	...
...	37·375	−23·149	− 5	...	...
...	37·423	+38·380	− 4	...	...
...	37·424	+ 9·296	− 5	...	...
†	37·466	−24·821	− 1	...	...
1071					
...	+37·552	+53·649	0·70	...	...
...	37·563	+18·705	− 5	...	...
...	37·622	+24·539	− 5	...	...
...	37·631	+18·664	− 2	...	...
...	37·710	−37·430	− 4	...	...
...	+37·720	+42·326	− 4	...	...
...	38·114	+ 0·273	− 5	...	...
...	38·268	−38·498	− 5	...	...
...	38·274	−16·109	− 4	...	...
...	38·306	−47·112	− 5	*m*	...
1081-1140					
1081					
...	+38·408	+49·685	− 4	...	...
...	38·418	+15·864	− 3	...	...
...	38·428	− 9·462	− 5	...	...
...	38·442	+15·648	0·90	...	...
...	38·543	−40·189	− 3	...	...
...	+38·544	−56·979	0·90	...	...
...	38·587	−52·650	− 3	...	...
...	38·604	− 1·144	− 5	*m*	...
*	38·825	+ 9·766	1·00	45.8894	9·6
...	38·892	+30·449	− 5	...	...
1091					
*	+39·077	+24·223	1·90	45.8895	8·8
...	39·088	−45·668	− 3	...	...
...	39·159	−52·531	− 5	...	...
...	39·192	−54·029	− 2	...	...
...	39·300	−36·073	− 4	...	...
...	+39·326	−27·088	− 2	...	...
*	39·527	−14·216	1·00	46.8937	9·6
...	39·577	−26·041	− 3	...	...
...	39·580	−10·045	− 1	...	...
...	39·606	+17·607	− 2	...	...
1101					
...	+39·728	+24·855	− 5	...	...
...	39·848	+54·549	− 3	...	...
...	39·877	+ 1·430	− 5	...	...
...	39·919	+42·714	− 5	...	...
...	40·113	−15·836	− 5	...	...
...	+40·154	−23·662	− 3	...	...
...	40·210	+58·595	− 5	...	...
...	40·225	−44·661	− 5	...	...
...	40·307	−45·284	− 2	...	...
...	40·339	− 4·991	− 4	...	...
1111					
...	+40·378	− 3·119	− 3	...	...
...	40·382	+25·264	0·75	...	...
...	40·421	+17·575	− 4	...	...
*	40·432	+40·415	1·20	45.8896	9·3
...	40·493	−44·082	− 5	...	...
...	+40·683	−42·984	− 2	...	...
...	40·750	+23·002	− 5	...	...
...	40·803	−59·166	0·70	...	...
*	40·823	−51·688	1·05	46.8938	9·8
...	40·848	+29·985	− 4	...	...
1121					
...	+40·920	+36·221	− 5	...	...
*	40·931	+37·412	1·15	45.8897	9·3
...	40·939	−43·730	− 5	...	...
...	41·017	−36·341	0·75	...	...
...	41·095	− 9·013	− 3	...	...
...	+41·205	+20·344	− 5	...	...
...	41·242	+26·092	− 4	...	...
...	41·390	+22·392	− 5	...	...
...	41·430	− 8·126	− 4	...	...
*	41·482	+ 3·474	1·00	45.8899	9·5
1131					
...	+41·529	−49·064	− 2	...	...
*	41·563	+58·960	1·20	45.8898	9·6
...	41·577	−35·355	− 5	*m*	...
...	41·757	+10·403	− 2	...	...
...	41·817	−20·694	− 4	...	...
...	+41·914	+40·801	− 5	...	...
...	41·964	−14·193	− 5	...	...
*	42·021	+ 4·946	1·25	45.8900	9·4
...	42·189	+19·885	− 3	*a*	...
...	42·355	+31·287	− 3	...	...
1141-1200					
1141					
...	+42·397	+ 6·368	− 5	...	...
...	42·460	+20·403	0·70	...	...
...	42·479	−57·125	− 5	...	...
...	42·487	− 1·456	− 3	...	...
...	42·605	+12·352	0·65	...	...
...	+42·609	−14·206	− 5	...	...
...	42·639	−46·700	0·85	46.8939	9·8
...	42·904	+24·883	0·75	...	...
...	43·010	+ 1·275	0·75	...	...
...	43·026	+21·679	0·80	45.8902	9·8
1151					
...	+43·171	+ 4·021	0·70	...	...
*	43·209	+38·189	1·00	45.8901	9·8
...	43·223	−31·691	− 2	...	...
...	43·351	+ 8·263	− 5	...	...
...	43·362	+33·875	− 5	...	...
...	+43·396	−45·340	0·80	...	...
...	43·411	+42·812	− 5	...	...
...	43·514	+ 6·238	0·80	45.8904	9·8
*	43·613	+51·661	1·05	45.8903	9·8
...	43·646	−26·873	0·65	...	...
1161					
...	+43·678	−27·319	− 3	...	...
*	43·889	+ 1·011	1·15	45.8905	9·4
...	43·962	+14·506	− 5	...	...
...	44·099	−31·340	− 1	...	...
...	44·169	+28·580	− 4	...	...
...	+44·302	−16·003	0·75	46.8940	9·8
...	44·427	− 9·941	− 3	...	...
...	44·428	+43·438	0·70	...	...
...	44·466	+22·917	− 3	...	...
...	44·635	+53·547	− 4	...	...
1171					
...	+44·663	−58·630	− 5	...	...
...	44·681	+ 4·977	− 5	...	...
...	44·703	− 2·107	− 5	*m*	...
...	45·021	+45·319	− 3	...	...
...	45·057	−45·020	− 5	*m*	...
...	+45·147	+35·857	− 5	...	...
...	45·500	+21·512	− 5	...	...
...	45·640	+19·777	− 4	...	...
S *	45·645	+25·398	4·00	45.8906	7·7
...	45·776	−28·029	− 5	...	...
1181					
...	+45·884	+30·379	− 5	...	...
...	46·001	+ 2·496	− 4	...	...
...	46·090	−41·425	0·80	...	...
*	46·261	−25·722	1·00	46.8941	9·6
...	46·403	+ 8·303	− 5	...	...
...	+46·499	+ 6·491	− 5	...	...
*	46·592	+17·533	1·20	45.8907	9·3
...	46·600	− 2·196	− 5	...	...
...	46·860	−39·881	− 3	...	...
*	46·886	+32·115	0·90	45.8908	9·6
1191					
...	+46·886	−48·648	− 3	...	...
...	46·915	+22·443	− 5	...	...
...	47·034	+35·955	− 5	*m*	...
...	47·151	+29·209	0·90	45.8909	9·8
...	47·173	+25·898	0·90	45.8910	9·8
...	+47·307	−15·635	− 2	...	...
...	47·386	+25·307	− 5	...	...
*	47·541	+32·979	1·20	45.8911	9·3
...	47·813	− 8·851	− 3	...	...
...	47·813	−49·449	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1201–1250					
1201	′	′		°	
†	+47·840	−44·738	− 5	...	...
*	48·037	+ 7·310	0·90	45.8912	9·8
...	48·184	+44·477	− 5	*m*	...
...	48·199	−35·602	− 3	...	...
...	48·284	+58·852	0·80	...	...
...	+48·311	−50·803	− 4	...	...
...	48·339	+41·672	− 5	*m*	...
...	48·516	− 5·303	− 3	*e*	...
...	48·603	− 9·911	− 1	...	...
...	48·626	+52·909	0·90	45.8913	9·8
1211					
...	+48·864	−41·700	− 5	...	...
*	48·976	+41·705	1·00	45.8914	9·6
...	48·995	+42·064	− 5	...	...
...	49·024	−31·716	− 4	...	...
...	49·149	− 3·411	− 4	...	...
*	+49·191	+41·341	0·90	45.8915	9·8
*	49·295	+ 8·582	0·90	45.8916	9·8
...	49·307	+44·191	− 3	...	...
*	49·432	+ 6·483	0·95	45.8917	9·6
...	49·439	−38·225	− 5	...	...
1221					
...	+49·514	− 3·386	− 5	...	...
...	49·587	−33·075	− 3	...	...
†	49·607	−14·810	− 3	...	...
...	49·812	+36·501	− 5	...	...
...	49·818	− 7·629	− 4	...	...
...	+49·868	−16·314	− 5	...	...
...	49·917	+42·668	0·75	...	...
...	49·953	+11·718	− 2	...	...
...	50·000	−49·436	− 5	...	...
...	50·165	− 8·352	− 4	...	...
1231					
...	+50·364	−23·354	− 5	...	...
*	50·547	+10·326	0·95	45.8918	9·8
S *	50·657	−47·534	1·90	46.8942	8·7
...	50·958	−22·624	0·85	46.8943	9·8
...	51·284	−33·850	− 2	...	...
...	+51·384	+ 0·568	− 2	...	...
...	51·555	+ 6·334	0·80	45.8920	9·8
...	51·598	−35·133	0·80	46.8944	9·8
*	51·692	+35·432	1·25	45.8919	9·5
...	51·801	−20·705	0·70	...	...
1241					
...	+51·986	−30·004	− 4	...	...
...	52·099	+43·610	− 4	...	...
*	52·187	+ 5·394	1·40	45.8921	9·3
...	52·237	−39·084	− 5	...	...
†	52·284	−14·788	− 3	...	...
...	+52·300	+33·367	0·70	45.8922	9·8
...	52·325	− 6·579	− 3	...	...
...	52·395	−10·907	− 4	...	...
...	52·533	+29·226	− 3	...	...
...	52·548	+46·618	− 5	...	...
1251–1300					
1251	′	′		°	
*	+52·556	+ 5·955	1·30	45.8923	9·3
...	52·562	−13·584	− 5	...	...
...	52·694	−21·693	− 4	...	...
...	52·924	+ 6·305	− 4	...	...
...	53·178	− 0·715	− 4	...	...
...	+53·272	−12·156	− 4	...	...
...	53·280	−21·199	− 5	...	...
...	53·342	+ 0·496	− 5	...	...
...	53·397	− 0·786	− 3	...	...
*	53·557	− 1·169	1·15	46.8945	9·5
1261					
...	+53·589	+16·961	− 5	...	...
...	53·648	− 0·516	− 5	*m*	...
...	53·668	−55·859	− 5	...	...
*	53·790	+46·867	1·20	45.8924	9·6
...	53·837	−25·567	− 5	...	...
...	+53·985	−12·711	− 5	*m*	...
...	53·999	−30·620	− 5	*m*	...
...	54·115	− 9·336	0·80	46.8946	9·8
...	54·187	−49·415	− 5	...	...
...	54·210	+13·381	0·70	...	...
1271					
...	+54·242	+20·299	− 3	...	...
*	54·447	− 4·718	1·20	46.8947	9·4
...	54·577	−37·759	0·90	46.8948	9·8
...	54·619	+58·150	− 4	...	...
...	54·657	+10·300	− 5	...	...
...	+54·664	−24·207	− 4	...	...
‡	54·696	−48·833	1·05	46.8949	9·8
...	54·899	+22·640	− 1	...	...
...	54·917	−40·192	− 4	...	...
...	54·956	−34·598	− 5	*e*	...
1281					
...	+55·009	−15·051	− 5	...	...
...	55·021	+40·779	− 4	...	...
...	55·030	+13·844	− 4	...	...
...	55·032	+19·714	− 2	...	...
...	55·075	+ 0·296	− 2	...	...
...	+55·153	+ 6·661	− 2	...	...
*	55·209	+14·107	1·00	45.8925	9·6
...	55·219	+15·359	− 3	...	...
...	55·354	+16·147	0·80	45.8926	9·8
...	55·469	−42·345	− 4	...	...
1291					
...	+55·523	−27·718	− 1	...	...
S *	55·740	− 6·129	2·40	46.8950	8·2
...	55·786	+31·592	− 5	...	...
...	55·803	−36·274	− 5	...	...
...	55·864	−29·302	− 3	...	...
*	+55·894	−18·439	1·30	46.8951	9·3
...	55·975	−10·307	0·65	...	...
...	56·207	−46·387	− 4	...	...
...	56·235	−39·333	− 1	...	...
...	56·249	−19·520	− 5	...	...
1301–1340					
1301	′	′		°	
†	+56·686	−34·759	0·80	...	...
*	56·689	− 3·345	0·90	46.8952	9·8
...	56·728	−15·197	− 4	...	...
...	56·762	+41·221	− 3	...	...
...	56·863	+37·827	− 3	...	...
...	+56·919	+29·121	− 4	*e*	...
*	57·010	−49·511	1·20	46.8954	9·5
*	57·061	−25·329	1·20	46.8953	9·5
...	57·091	− 9·525	− 4	...	...
...	57·124	+31·812	− 5	...	...
1311					
...	+57·151	−28·296	− 1	...	...
...	57·301	+16·725	− 5	...	...
...	57·358	+24·241	− 4	...	...
...	57·468	+12·269	− 3	...	...
...	57·537	−27·542	− 2	...	...
...	+57·583	−39·326	− 5	...	...
...	57·636	−36·586	− 4	...	...
...	57·650	+56·162	0·90	45.8927	9·8
...	57·725	− 3·393	− 5	*m*	...
...	57·780	+39·740	− 4	...	...
1321					
...	+57·799	+41·378	− 4	...	...
...	57·889	−35·715	− 5	*e*	...
...	57·923	+42·657	− 5	...	...
...	58·031	−32·937	− 5	...	...
...	58·045	−13·061	0·70	...	...
...	+58·174	−41·923	− 1	...	...
...	58·241	+ 1·017	0·65	...	...
...	58·242	+28·027	− 5	...	...
...	58·269	+ 1·582	− 3	...	...
*	58·324	−22·024	1·00	46.8955	9·8
1331					
...	+58·525	−53·801	− 3	...	...
...	58·556	−48·716	− 5	...	...
...	58·565	−48·518	− 5	...	...
...	58·569	+22·573	− 2	...	...
...	58·620	+20·593	− 4	...	...
...	+58·688	+28·954	0·80	45.8928	9·8
...	58·993	− 3·583	− 2	...	...
...	59·254	+20·171	− 2	...	...
...	59·549	−22·549	− 4	...	...
...	59·588	+29·401	− 1	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
1–60					
1	′	′		°	
†	−59·999	−31·949	− 4	...	...
...	59·745	−27·122	0·75	...	...
...	59·679	+ 4·742	− 5	...	...
...	59·487	−10·178	− 3	...	...
...	59·422	−16·250	0·95	46.8940	9·8
...	−59·405	−45·595	0·85	...	...
S *	59·356	+25·181	3·90	45.8906	7·7
...	59·150	−31·581	0·65	...	...
*	58·355	+31·930	1·05	45.8908	9·6
...	58·308	+ 2·313	− 5	...	...
11					
*	−58·183	+17·358	1·30	45.8907	9·3
...	58·088	+ 8·119	− 5	...	...
*	57·999	+29·031	1·00	45.8909	9·8
...	57·875	+25·731	1·00	45.8910	9·8
...	57·786	+58·701	− 1	...	...
*	−57·722	+32·806	1·35	45.8911	9·3
...	57·259	+52·766	1·00	45.8913	9·8
*	57·162	−25·887	1·10	46.8941	9·6
...	56·833	−41·588	0·95	...	...
*	56·570	+41·581	1·15	45.8914	9·6
21					
...	−56·432	−15·782	− 2	...	...
...	56·418	+ 7·175	1·00	45.8912	9·8
...	56·343	+41·220	1·05	45.8915	9·8
...	56·298	+44·071	− 4	...	...
...	56·137	− 8·989	− 4	...	...
...	−56·115	−40·030	− 4	...	...
...	55·810	−48·791	− 3	...	...
...	55·652	+42·580	− 1	...	...
...	55·543	− 5·412	− 4	E	...
†	55·315	−10·018	− 2	...	...
31					
*	−55·200	+ 8·478	1·00	45.8916	9·8
‡	55·009	+ 6·390	1·00	45.8917	9·6
†	54·987	− 3·507	− 5	...	...
†	54·980	−44·853	− 5	...	...
...	54·908	−35·709	− 5	...	...
...	−54·881	−49·565	− 5	...	...
...	54·649	+11·655	0·70	...	...
...	54·332	−50·892	− 5	...	...
...	54·168	− 7·698	− 5	...	...
...	54·168	−14·881	− 2	...	...
41					
...	−54·059	−41·780	− 5	...	...
...	54·022	+10·281	1·00	45.8918	9·8
...	53·800	− 8·403	− 5	...	...
*	53·654	+35·404	1·05	45.8919	9·5
...	53·605	−33·144	− 5	...	...
...	−53·595	−38·298	− 5	...	...
...	53·503	+43·591	− 4	...	...
...	53·138	−23·399	− 5	...	...
...	52·964	+33·356	0·90	45.8922	9·8
...	52·882	+ 6·318	0·95	45.8920	9·8
51					
...	−52·874	+ 0·549	0·85	...	...
...	52·617	+29·218	− 5	...	...
*	52·564	−22·645	1·00	46.8943	9·8
†	52·328	−59·882	− 5	...	...
*	52·210	+ 5·394	1·40	45.8921	9·3
S *	−52·086	−47·551	1·90	46.8942	8·7
*	51·917	+46·892	1·20	45.8924	9·6
...	51·899	−33·856	0·70	...	...
*	51·863	+ 5·961	1·25	45.8923	9·3
...	51·786	−20·713	0·90	...	...
61–120					
61	′	′		°	
...	−51·701	− 6·574	− 3	...	...
...	51·526	−35·128	1·00	46.8944	9·8
...	51·516	+ 6·328	− 5	...	...
...	51·493	−14·777	− 1	...	...
...	51·487	−10·901	− 4	...	...
...	−51·428	+58·185	− 5	...	...
†	51·305	−30·003	− 5	...	...
...	51·169	+16·992	− 5	...	...
...	51·025	− 0·691	− 5	...	...
...	50·852	−21·676	− 5	...	...
71					
...	−50·810	− 0·757	− 4	...	...
...	50·640	+20·352	− 5	...	...
*	50·635	− 1·128	1·30	46.8945	9·5
...	50·494	+40·848	− 4	...	...
...	50·449	+13·434	0·90	...	...
...	−50·291	−21·163	− 5	...	...
†	50·054	+22·715	0·75	...	...
...	49·917	+10·373	− 5	...	...
...	49·830	− 9·269	0·85	46.8946	9·8
...	49·825	+19·789	− 1	...	...
81					
*	−49·641	− 4·647	0·95	46.8947	9·4
...	49·626	+13·924	− 5	...	...
...	49·519	+15·454	− 3	...	...
*	49·464	+14·200	0·90	45.8925	9·6
...	49·393	+16·245	0·75	45.8926	9·8
...	−49·296	+ 6·766	− 2	...	...
...	49·168	+ 0·399	− 3	...	...
...	49·107	+37·782	− 5	...	...
...	48·805	−55·771	− 5	...	...
...	48·800	−24·113	− 4	...	...
91					
...	−48·761	+41·354	− 3	...	...
...	48·753	−14·945	− 5	...	...
...	48·555	+37·960	− 3	...	...
...	48·480	−37·662	0·80	46.8948	9·8
...	48·352	+56·306	0·95	45.8927	9·8
S *	−48·285	− 6·002	2·45	46.8950	8·2
...	48·232	+29·264	− 4	E	...
...	48·202	−34·497	− 5	E	...
...	48·101	+31·956	− 5	...	...
...	48·036	−40·083	− 5	...	...
101					
*	−48·012	−48·735	0·90	46.8949	9·8
...	47·921	−10·177	0·65	...	...
...	47·844	−27·593	− 1	...	...
*	47·761	−18·296	1·00	46.8951	9·3
...	47·731	+41·530	− 3	...	...
†	−47·706	+39·891	− 4	...	...
...	47·633	+42·808	− 4	...	...
...	47·633	+24·392	− 4	...	...
...	47·465	+16·876	− 5	...	...
...	47·447	−29·174	− 3	...	...
111					
...	−47·439	−42·215	− 5	...	...
...	47·435	− 3·197	0·80	46.8952	9·8
...	47·161	+12·423	− 4	...	...
...	46·949	−43·127	− 5	...	...
...	46·873	+28·209	− 5	...	...
...	−46·853	− 9·365	− 4	...	...
...	46·758	−39·172	− 1	...	...
...	46·570	−46·225	− 5	...	...
...	46·459	+56·649	− 5	...	...
...	46·457	+29·128	0·75	45.8928	9·8
121–180					
121	′	′		°	
...	−46·438	−34·599	0·70	...	...
...	46.384	+22·769	− 2	...	...
*	46·365	−25·159	1·00	46.8953	9·5
...	46·265	+20·787	− 4	...	...
...	46·207	−28·123	− 1	...	...
...	−46·037	+ 1·208	− 1	...	...
...	46·030	+ 1·762	− 2	...	...
...	45·834	−27·363	− 3	...	...
...	45·791	−12·872	0·65	...	...
*	45·682	−49·330	1·00	46.8954	9·5
131					
...	−45·628	+20·376	− 2	...	...
...	45·567	+29·612	− 1	...	...
...	45·458	−36·395	− 2	...	...
*	45·227	−21·824	0·90	46.8955	9·8
...	45·214	−35·521	− 5	E	...
...	−45·184	−32·738	− 4	...	...
...	45·144	− 3·376	− 3	...	...
...	44·759	−41·713	0·65	...	...
*	44·592	+15·292	1·70	45.8929	8·8
...	44·513	+50·112	− 5	M	...
141					
*	−44·213	− 1·282	0·95	46.8956	9·6
...	44·159	−48·296	− 5	...	...
...	44·156	−48·481	− 4	...	...
...	44·022	−53·577	− 1	...	...
...	43·976	−22·305	− 4	...	...
...	−43·412	−15·806	− 5	...	...
...	43·350	+13·582	− 5	...	...
...	43·334	+49·676	− 5	...	...
...	43·275	+17·404	− 2	...	...
...	42·999	+ 7·572	− 1	...	...
151					
...	−42·962	−29·493	− 1	...	...
...	42·836	+ 6·410	− 5	...	...
...	42·821	−22·965	− 3	...	...
*	42·697	+35·596	1·20	45.8930	9·2
...	42·424	+44·694	0·90	45.8931	9·8
...	−42·416	−11·299	− 3	...	...
*	42·155	−49·059	1·90	46.8957	8·8
...	42·035	+ 1·414	− 4	...	...
...	41·890	+ 4·408	− 1	...	...
...	41·866	− 7·932	− 3	...	...
161					
...	−41·512	+ 6·479	− 1	...	...
...	41·506	−42·168	− 2	...	...
...	41·372	−20·622	− 4	...	...
...	40·769	+ 7·577	− 1	...	...
...	40·478	− 4·931	− 4	...	...
...	−40·411	+19·284	0·65	...	...
†	40·212	+ 4·867	− 2	...	...
†	39·951	+ 1·443	0·90	...	...
†	39·936	+33·434	0·90	...	...
†	39·838	−54·984	1·00	46.8958	9·8
171					
...	−39·787	+ 7·921	0·70	...	...
...	39·563	+33·630	− 2	...	...
...	39·368	−30·937	− 5	...	...
...	39·312	−46·736	− 5	...	...
...	38·998	−10·628	− 5	...	...
...	−38·830	+25·495	− 2	...	...
...	38·538	+21·716	0·70	...	...
...	38·347	+40·788	0·90	...	...
*	38·094	+10·957	2·90	45.8932	8·5
...	38·073	+ 6·671	0·75	...	...

L measured from 1, 168, 503, 828.
MC ,, ,, 78, 249, 730, 914.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
181–240					
181				°	
...	−38·069	+ 0·567	− 5	...	...
...	38·050	+21·546	0·70	...	...
...	37·875	−42·565	− 5	...	...
...	37·874	+57·969	− 1	...	...
...	37·805	+20·682	− 5	...	...
*	−37·783	−22·138	2·70	46.8959	8·4
...	37·743	−10·505	− 5	...	...
...	37·700	+22·827	− 5	...	...
...	37·497	−49·804	− 5	...	...
...	37·443	−46·926	0·90	...	...
191					
...	−37·408	+ 1·381	− 5	...	...
‡	37·194	− 5·185	1·30	46.8961	9·2
*	36·974	−56·412	1·40	46.8960	9·1
...	36·927	+ 0·468	− 3	...	...
...	36·718	+ 1·313	0·80	...	...
†	−36·502	−24·969	− 5	...	...
...	36·409	−35·717	0·80	...	...
...	36·349	−55·520	− 5	...	...
...	36·319	+51·472	− 3	...	...
...	36·308	+ 6·273	− 5	...	...
201					
...	−36·242	+35·554	0·90	...	...
*	36·130	−17·395	1·15	46.8962	9·6
...	36·014	−32·269	− 5	...	...
...	35·916	−22·625	0·95	46.8963	9·8
...	35·824	+ 5·000	− 2	...	...
*	−35·661	+14·494	1·00	45.8933	9·8
...	35·490	−44·688	− 4	...	...
...	35·472	+58·434	− 1	...	...
...	35·407	−42·857	− 5	...	...
*	35·183	−31·307	1·00	46.8964	9·8
211					
*	−35·161	+26·517	1·00	45.8934	9·6
...	35·160	+20·896	0·65	...	...
†	35·095	− 3·055	− 5	...	...
†	35·030	+35·877	− 3	...	...
...	34·625	−30·878	− 4	...	...
...	−34·601	+33·469	− 5	...	...
...	34·580	+25·580	0·95	45.8935	9·8
...	34·525	+35·762	− 5	...	...
...	34·488	+20·688	− 4	...	...
...	33·514	+22·308	− 5	...	...
221					
*	−33·459	−31·206	2·00	46.8965	8·8
...	33·295	−22·363	− 3	...	...
...	33·264	+ 0·548	− 5	...	...
...	33·218	+22·515	− 5	...	...
...	33·208	+28·878	0·70	...	...
...	−32·998	−54·209	− 5	...	...
...	32·770	−49·594	− 4	...	...
*	32·730	+33·037	2·00	45.8936	8·8
...	32·629	+39·259	− 3	...	...
*	32·616	−41·536	1·00	46.8966	9·5
231					
...	−32·564	+21·378	− 2	...	...
...	32·415	−23·982	− 5	...	...
...	32·314	−19·419	− 3	...	...
...	32·072	+59·332	− 5	...	...
...	31·961	−26·419	− 5	...	...
...	−31·871	+26·815	1·00	45.8937	9·8
...	31·496	−22·122	− 5	...	...
...	31·484	+43·570	− 5	...	...
...	31·472	− 3·703	0·75	...	...
...	31·445	−56·860	− 4	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
241–300					
241				°	
...	−31·248	+ 1·918	− 5	...	...
...	31·157	+49·302	− 1	...	...
...	30·912	−21·155	− 5	...	...
...	30·442	−20·137	− 5	...	...
...	30·274	−34·112	− 5	...	...
†	−30·102	−53·968	1·00	46.8967	9·6
†	30·076	+16·915	− 5	...	...
†	30·075	+19·347	0·70	...	...
...	29·972	+21·315	0·70	...	...
*	29·866	+32·466	0·95	45.8938	9·6
251					
...	−29·853	+ 4·968	− 2	...	...
...	29·666	−24·643	− 3	...	...
...	29·436	+38·603	− 2	...	...
...	29·396	−37·504	− 4	...	...
...	29·345	+16·781	− 3	...	...
...	−29·314	+16·148	− 5	...	...
*	28·999	+ 7·327	1·00	45.8939	9·3
...	28·717	−31·118	− 4	...	...
...	28·618	+32·450	− 4	...	...
...	28·562	+31·067	− 5	...	...
261					
...	−28·449	−22·433	− 5	...	...
...	28·429	− 5·733	− 4	...	...
...	28·370	−25·167	− 5	...	...
*	28·290	+58·207	0·90	45.8940	9·6
...	28·105	−54·222	− 4	...	...
*	−28·085	−49·630	0·90	46.8969	9·8
...	27·905	− 8·171	− 2	...	...
...	27·803	−54·679	0·90	46.8970	9·8
...	27·618	−20·298	0·65	...	...
...	27·607	+16·154	− 4	...	...
271					
...	−27·078	+ 2·311	− 3	...	...
...	27·052	−11·120	0·65	46.8971	9·8
...	27·009	−13·626	0·70	...	...
...	26·796	−44·099	− 5	...	...
...	26·540	−19·242	− 1	...	...
...	−26·513	+33·965	− 1	...	...
...	26·374	+46·627	− 2	...	...
...	25·938	+56·186	− 2	...	...
...	25·718	+34·294	− 4	...	...
...	25·700	− 7·326	− 1	...	...
281					
...	−25·687	+56·627	− 3	...	...
...	25·658	− 4·777	− 5	...	...
...	25·569	+36·137	− 5	...	...
...	25·392	−38·218	0·90	46.8972	9·8
...	25·348	−43·327	− 5	...	...
...	−25·229	+57·251	− 5	...	...
...	25·161	+54·242	− 2	...	...
†	25·093	−51·716	0·90	46.8973	9·8
†	25·090	+31·018	− 5	...	...
†	25·080	−34·483	− 5	...	...
291					
...	−24·822	+ 7·151	0·65	45.8941	9·8
...	24·716	+29·065	0·90	45.8942	9·8
...	24·620	+44·305	0·85	45.8944	9·8
...	24·598	−42·332	− 4	...	...
...	24·527	−31·542	− 3	...	...
...	−24·505	− 6·023	− 1	46.8975	10·1
...	24·266	+18·471	0·80	45.8943	9·8
...	24·177	−27·602	0·80	46.8974	9·8
...	24·002	+40·566	− 4	...	...
...	23·976	− 8·350	− 5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
301–360					
301				°	
...	−23·932	+48·756	− 5	...	...
...	23·924	+36·535	− 5	...	...
...	23·917	+41·424	− 1	...	...
...	23·889	+31·012	− 2	...	...
...	23·735	− 6·996	− 4	...	...
...	−23·703	−15·311	0·90	46.8976	10·0
...	23·365	+16·425	− 4	...	...
...	23·251	+39·356	− 3	...	...
...	23·174	−37·812	− 4	...	...
*	23·120	+19·070	1·80	45.8945	8·9
311					
...	−22·978	−18·087	− 5	...	...
...	22·961	−49·530	− 3	...	...
...	22·932	+34·267	− 5	...	...
...	22·768	−32·721	− 3	...	...
...	22·465	−50·232	− 4	...	...
...	−22·460	−48·540	− 4	...	...
...	22·335	− 4·532	− 4	...	...
...	22·329	+ 6·879	− 4	...	...
†	22·230	−15·125	− 4	...	...
...	22·023	+51·426	− 4	...	...
321					
...	−21·960	+ 6·641	0·90	45.8946	9·8
...	21·893	+46·130	0·90	45.8947	9·6
...	21·843	+34·475	− 5	...	...
...	21·781	−45·882	− 4	...	...
...	21·752	+43·948	− 3	...	...
...	−21·684	+10·230	− 3	...	...
...	21·340	+42·856	0·90	45.8948	9·8
...	21·109	−53·478	− 3	...	...
...	20·983	− 6·126	− 1	...	...
...	20·691	+30·894	− 3	...	...
331					
...	−20·654	+56·315	− 5	...	...
...	20·570	+42·049	− 5	...	...
...	20·497	+18·160	− 5	...	...
...	20·260	−21·445	− 3	...	...
†	20·111	−56·843	− 2	...	...
‡	−20·040	−12·202	1·60	46.8977	9·0
...	19·948	−56·364	− 4	...	...
...	19·668	+16·724	0·80	45.8949	9·8
...	19·574	+28·491	− 5	...	...
*	19·432	+32·927	1·70	45.8950	8·7
341					
...	−19·314	+11·007	− 5	...	...
...	19·309	+ 6·811	− 3	...	...
...	18·936	+12·678	− 4	...	...
...	18·936	−12·322	− 2	...	...
...	18·904	+10·734	− 5	...	...
...	−18·745	−17·777	0·95	46.8978	9·8
...	18·642	+40·533	− 1	...	...
...	18·355	+27·724	− 5	...	...
...	18·038	+12·853	0·90	45.8951	9·5
...	17·910	+40·120	− 5	...	...
351					
*	−17·549	−46·229	1·20	46.8979	9·4
...	17·540	+46·392	− 4	...	...
*	17·475	−27·934	1·10	46.8980	9·6
...	17·438	+13·038	− 4	...	...
...	17·401	− 9·170	− 1	46.8981	10·0
...	−16·920	−47·521	− 5	...	...
*	16·795	+42·366	1·00	45.8952	9·8
...	16·731	−59·367	− 1	...	...
...	16·611	+31·189	− 5	...	...
...	16·346	+47·726	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No	C.P.D. Mag.
361–420					
361	′	′		°	
†	−16·309	−30·002	− 1	46.8982	10·1
*	16·232	− 8·711	1·20	46.8984	9·5
...	16·114	−39·142	0·90	46.8983	10·1
...	15·984	−32·796	− 4	...	...
...	15·979	−38·586	− 4	...	...
...	−15·828	+45·665	− 1	...	...
...	15·732	−12·144	− 5	...	...
...	15·713	+13·307	− 2	...	...
...	15·627	+ 9·236	− 5	...	...
...	15·572	−57·592	− 1	...	...
371					
...	−15·542	+45·283	− 2	...	...
...	15·360	+22·666	− 3	...	...
...	15·259	−47·073	0·65	...	...
...	15·207	−31·711	− 4	...	...
†	15·134	−27·854	− 4	...	...
†	−15·077	−48·693	− 3	...	...
*	14·942	+36·485	1·30	45.8953	8·9
*	14·736	+46·722	1·00	45.8954	9·6
†	14·680	− 5·061	− 2	...	...
...	14·159	−58·406	− 4	...	...
381					
S *	−14·067	+25·042	3·00	45.8955	7·9
...	14·020	+17·834	− 3	...	...
...	13·773	+53·359	− 2	...	...
...	13·764	+30·244	− 4	...	...
*	13·706	−20·944	0·95	46.8985	9·6
...	−13·598	+15·152	0·95	45.8956	9·6
...	13·581	+ 0·734	− 3	...	...
...	13·550	−49·319	− 5	...	...
*	13·497	−18·156	1·20	46.8986	9·5
...	13·179	+ 1·302	0·90	45.8957	10·1
391					
...	−13·049	+12·100	− 4	...	...
...	13·047	+ 8·914	− 4	...	...
S *	12·989	−41·045	4·00	46.8987	7·4
S *	12·906	+51·764	2·45	45.8958	8·6
...	12·796	−30·217	− 3	...	...
...	−12·773	−43·798	− 5	...	...
*	12·561	− 8·730	1·70	46.8988	9·0
...	12·509	−39·616	− 1	...	...
...	12·486	−50·629	− 5	...	...
...	12·476	−23·114	− 3	...	...
401					
...	−12·465	−38·180	− 3	...	...
...	12·400	− 6·180	− 5	...	...
...	11·886	−39·445	− 5	...	...
...	11·843	−22·561	− 1	...	...
...	11·768	−47·633	− 3	...	...
...	−11·582	+59·409	− 2	...	...
...	11·572	+ 1·877	− 4	...	...
...	11·329	+40·503	− 5	...	...
‡	11·275	−25·027	1·10	46.8989	9·6
...	11·162	+40·113	− 4	...	...
411					
...	−10·985	+51·416	− 3	...	...
...	10·906	−33·311	− 4	...	...
*	10·755	−38·933	1·00	46.8990	9·6
...	10·657	+26·233	− 5	...	...
...	10·447	−27·889	− 5	...	...
...	−10·406	+45·413	− 4	D	...
...	10·235	−50·479	− 1	...	...
...	10·200	+39·427	− 3	...	...
...	10·146	+43·682	0·65	...	...
†	10·133	+36·553	− 3	...	...

Notes.	Co-ordinates. x.	Co-ordinates. − y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
421–480					
421	′	′		°	
†	−10·040	+14·233	− 3	...	...
...	9·882	−28·475	0·70	...	...
...	9·835	+21·962	0·95	45.8959	9·8
...	9·798	−16·733	− 1	...	...
...	9·787	+49·436	− 2	...	...
...	− 9·752	− 9·121	− 4	...	...
*	9·748	+25·767	1·40	45.8960	9·2
...	9·542	+23·765	− 3	...	...
*	9·537	−58·394	0·90	46.8991	9·8
...	9·454	−29·680	− 2	...	...
431					
†	− 9·338	−35·070	− 2	...	...
...	9·271	−55·777	− 2	...	...
...	9·122	−48·775	− 5	...	...
...	9·109	−36·799	− 3	...	...
...	8·967	−22·220	− 1	...	...
...	− 8·697	+31·103	0·70	45.8961	10·1
...	8·538	−15·642	− 4	...	...
...	8·471	+18·629	− 5	...	...
...	8·464	−43·645	− 5	...	...
...	8·239	+41·933	− 3	...	...
441					
*	− 7·969	−41·613	1·00	46.8992	9·6
...	7·596	+14·640	− 3	...	...
...	7·408	−55·907	− 4	...	...
...	7·336	−57·524	− 1	...	...
...	7·308	+15·302	− 3	...	...
...	− 7·190	−49·461	− 4	...	...
...	6·998	−54·498	− 3	...	...
...	6·884	+38·662	0·95	45.8963	10·0
*	6·815	+ 6·141	1·00	45.8962	9·6
...	6·464	−48·705	− 3	...	...
451					
...	− 6·446	−38·652	− 3	...	...
...	6·298	+15·956	− 1	...	...
...	6·249	+10·357	− 2	...	...
...	6·220	−30·908	− 4	...	...
...	6·031	−33·161	− 4	...	...
...	− 5·962	+17·433	− 5	...	...
...	5·942	+10·839	− 1	45.8964	10·1
...	5·782	−22·391	− 5	...	...
...	5·691	+40·849	− 4	...	...
...	5·442	+32·011	− 1	...	...
461					
...	− 5·361	+53·826	− 4	...	...
...	5·283	+25·835	0·70	...	...
...	5·272	+34·243	− 4	...	...
...	5·271	−19·411	− 1	...	...
...	5·263	+ 6·535	0·95	45.8965	9·6
...	− 4·958	−39·259	− 2	...	...
*	4·945	+19·154	1·40	45.8966	9·3
...	4·815	−15·434	− 4	...	...
n	4·805	− 5·683	− 1	46.8993	9·8
...	4·782	+45·432	− 4	...	...
471					
n	− 4·721	− 5·521	0·80	46.8993	9·8
...	4·475	+11·933	− 2	...	...
...	4·442	− 2·667	− 5	...	...
...	4·435	− 4·005	− 1	...	...
...	4·303	−28·976	− 3	...	...
...	− 3·951	− 0·409	− 4	...	...
...	3·814	−18·234	− 4	...	...
...	3·631	+ 7·167	− 4	...	...
...	3·573	+17·049	− 5	...	...
...	3·562	−23·429	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
481–540					
481	′	′		°	
...	− 3·412	+36·491	− 4	...	...
...	3·343	−25·493	− 2	...	...
...	3·267	+ 7·960	− 1	...	...
...	3·232	+47·880	0·90	45.8967	10·0
...	3·074	−41·594	0·90	46.8994	10·1
...	− 3·056	+45·791	− 5	...	...
...	2·940	+49·018	− 4	...	...
...	2·928	−33·466	− 5	...	...
...	2·679	+52·235	− 4	...	...
*	2·654	− 6·170	2·80	46.8995	8·6
491					
...	− 2·359	−15·452	− 4	...	...
†	2·237	+14·907	0·65	45.8968	10·1
*	2·184	−55·608	1·00	46.8996	9·8
...	1·712	−28·314	− 3	...	...
...	1·570	−51·877	0·70	...	...
...	− 1·540	−46·855	− 5	...	...
*	1·483	+44·577	1·70	45.8969	9·0
†	1·102	−40·045	0·85	46.8997	10·0
...	0·838	+ 5·043	− 1	...	...
...	0·553	− 9·299	− 5	...	...
501					
...	− 0·234	−13·755	− 4	...	...
...	0·199	+16·754	0·80	45.8970	10·1
...	− 0·107	−48·720	− 5	...	...
...	+ 0·001	+ 8·779	− 5	...	...
...	0·063	+51·603	0·85	...	...
...	+ 0·106	− 8·166	1·00	...	...
*	0·333	−18·805	2·20	46.8998	8·7
*	0·343	+50·851	1·20	45.8971	9·6
...	0·429	+ 8·058	− 4	...	...
...	0·462	+41·299	1·00	45.8972	10·1
511					
...	+ 0·489	+37·844	0·65	...	...
...	0·670	−31·608	0·95	46.8999	10·1
*	0·692	−22·882	2·00	46.9000	9·0
...	0·799	−53·615	− 5	...	...
...	0·806	+16·930	0·70	...	...
...	+ 1·153	+ 2·768	− 4	...	...
*	1·297	−11·885	2·00	46.9001	9·2
*	1·954	−40·969	1·20	46.9002	9·6
S *	1·978	+ 4·221	2·00	45.8973	8·6
*	2·100	+45·854	1·05	45.8974	9·8
521					
...	+ 2·169	+46·625	− 5	...	...
...	2·190	−59·191	− 4	...	...
*	2·348	−43·850	1·15	46.9003	9·5
...	2·454	+53·472	− 5	...	...
...	2·617	−39·309	− 5	...	...
...	+ 2·663	−32·482	0·80	...	...
...	2·892	+16·523	− 5	...	...
...	3·476	−48·168	− 5	...	...
...	3·625	−47·356	− 3	...	...
...	3·731	+21·971	− 2	...	...
531					
...	+ 4·127	+50·427	0·95	45.8975	10·1
...	4·145	+58·325	− 4	...	...
...	4·332	+11·045	− 2	...	...
...	4·372	+ 6·853	− 4	...	...
...	4·402	−13·840	− 4	...	...
*	+ 4·411	−45·265	1·00	46.9004	9·8
...	4·466	+ 8·318	− 4	...	...
...	4·491	+26·130	− 2	...	...
...	4·493	−56·813	0·95	...	...
...	4·617	+19·638	1·00	45.8976	10·1

469, 471. C.P.D., mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
541–600					
541	′	′		°	
…	+ 4·681	+57·047	0·85	…	…
†	4·756	−51·277	− 5	…	…
‡	4·772	−10·360	1·00	46.9005	9·6
‡	4·863	−16·690	1·00	46.9006	9·6
…	4·988	+24·948	− 5	…	…
…	+ 5·142	+32·869	1·00	45.8977	10·0
…	5·251	+18·533	− 5	…	…
…	5·289	−44·485	− 5	…	…
*	5·331	+27·843	1·00	45.8978	9·6
…	5·617	+ 4·562	1·00	45.8979	10·1
551					
…	+ 5·652	−58·290	− 5	…	…
…	5·718	−45·249	− 4	…	…
…	5·721	−53·308	0·95	46.9007	10·1
…	6·387	+49·614	0·65	…	…
*	6·389	+27·744	1·25	45.8980	9·5
…	+ 6·423	+26·121	− 4	…	…
*	6·956	−11·092	1·90	46.9008	9·3
…	7·032	−50·340	− 2	…	…
†	7·045	−30·054	− 5	…	…
…	7·134	−23·377	− 5	…	…
561					
*	+ 7·292	−32·058	1·05	46.9009	9·6
…	7·326	−43·639	− 4	…	…
S *	7·349	+33·443	3·00	45.8981	7·8
*	7·365	−16·010	2·00	46.9010	9·3
…	7·626	−51·141	− 5	…	…
…	+ 7·742	−40·490	− 4	…	…
…	7·910	+34·310	0·90	…	…
…	8·077	−22·025	− 2	…	…
*	8·330	+47·855	1·20	45.8982	9·3
…	8·460	+42·999	− 1	…	…
571					
…	+ 8·561	−13·461	− 4	…	…
…	8·727	−53·112	− 4	…	…
…	8·844	+48·520	− 5	…	…
…	8·983	+53·027	− 5	…	…
…	9·029	+51·785	− 5	…	…
*	+ 9·592	− 2·874	1·00	46.9011	10·1
…	9·689	−49·901	− 4	…	…
…	10·140	+34·108	0·90	45.8983	10·0
…	10·276	+54·998	− 5	…	…
…	10·310	−47·350	− 4	…	…
581					
…	+10·408	+45·391	0·95	45.8984	10·1
* [	10·582	+29·447	1·00	45.8985	9·6
… [	10·640	+29·434	0·90		
…	10·689	−59·367	− 5	…	…
…	10·775	−36·077	− 2	…	…
…	+10·834	−37·989	− 3	…	…
†	10·834	−49·995	− 4	…	…
…	11·013	+15·933	− 5	…	…
*	11·091	−15·583	2·00	46.9012	9·0
*	11·346	+40·462	1·00	45.8986	9·6
591					
…	+11·453	+39·610	− 5	…	…
…	11·653	−46·062	− 5	…	…
…	11·752	+42·719	− 4	…	…
…	11·944	+45·213	0·90	…	…
…	12·085	− 3·196	− 1	46.9013	10·1
…	+12·410	−32·699	− 5	…	…
…	12·497	−36·601	− 2	…	…
…	12·756	−49·658	0·75	…	…
…	12·821	−37·694	− 5	…	…
*	12·838	−53·555	1·10	46.9014	9·6

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
601–660					
601	′	′		°	
…	+12·854	−33·326	− 5	…	…
S *	13·099	−17·381	2·10	46.9015	8·8
*	13·156	+48·152	1·00	45.8987	10·0
*	13·450	−47·650	1·40	46.9016	9·4
…	13·556	−32·718	0·90	…	…
*	+13·591	−13·049	1·00	46.9017	10·0
…	13·784	+17·404	− 4	…	…
…	13·811	−53·588	0·90	46.9018	10·0
…	14·060	+32·979	− 4	…	…
…	14·197	−12·264	− 5	…	…
611					
…	+14·594	+30·954	− 5	…	…
…	14·712	−21·356	− 2	…	…
*	15·102	+56·843	1·15	45.8988	9·8
…	15·122	−15·191	0·80	…	…
…	15·263	+ 6·809	− 5	…	…
*	+15·358	−38·505	1·00	46.9019	10·1
*	15·464	+11·462	1·00	45.8989	9·6
…	15·485	−56·413	− 5	…	…
…	15·526	−35·669	− 5	…	…
…	15·738	+30·629	− 4	…	…
621					
…	+15·755	−24·024	− 3	…	…
…	15·826	+ 5·425	− 5	…	…
…	15·907	−53·742	0·70	…	…
…	16·061	+ 9·460	− 4	…	…
…	16·086	+26·839	0·75	…	…
†	+16·088	+39·811	− 5	…	…
…	16·116	+27·305	0·90	…	…
*	16·181	−32·657	1·00	46.9020	9·8
…	16·421	−39·369	− 5	…	…
…	16·510	+11·616	− 5	…	…
631					
*	+16·613	−43·194	1·00	46.9021	9·6
…	16·760	+18·071	− 4	…	…
…	16·828	−53·479	− 4	…	…
…	16·847	+21·260	0·65	…	…
*	16·934	+42·304	1·00	45.8990	9·8
…	+17·026	−46·020	0·75	…	…
…	17·370	−43·373	− 5	…	…
*	17·509	−26·664	1·05	46.9023	9·6
…	17·548	−27·517	0·90	46.9022	10·1
…	17·548	−52·139	− 3	…	…
641					
…	+17·692	+35·249	− 4	…	…
…	17·860	+40·623	0·65	…	…
…	17·863	+35·118	− 5	…	…
…	17·873	−58·642	− 4	…	…
…	17·897	−51·230	− 5	…	…
…	+17·966	−39·483	− 5	…	…
*	18·223	+37·794	1·00	45.8991	10·1
…	18·433	+43·524	− 5	…	…
…	18·600	+30·913	0·95	45.8992	10·1
…	18·834	−58·817	1·00	46.9024	10·1
651					
…	+18·858	−18·732	− 2	…	…
…	18·900	+31·335	0·95	45.8993	10·1
*	19·184	+56·162	1·00	45.8994	10·0
…	19·417	−25·994	− 4	…	…
…	19·533	− 7·214	− 5	…	…
…	+19·575	+40·161	− 5	…	…
…	19·603	+56·964	− 5	…	…
†	19·812	−53·480	− 5	…	…
…	19·893	−19·809	− 4	…	…
…	20·353	+ 0·627	− 5	…	…

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
661–720					
661	′	′		°	
…	+20·388	−20·381	− 5	…	…
…	20·457	+52·527	− 5	…	…
…	20·533	−16·826	0·75	…	…
…	20·804	+59·188	− 5	…	…
*	20·825	+38·654	1·00	45.8995	9·8
…	+21·152	−45·869	0·95	…	…
…	21·555	−17·857	0·90	46.9025	10·1
…	21·584	+51·900	− 5	…	…
…	21·693	+42·185	− 5	…	…
…	21·938	+19·907	− 5	…	…
671					
…	+21·949	+40·484	− 5	…	…
…	22·141	+24·566	− 5	…	…
…	22·145	+22·923	− 5	…	…
…	22·212	+38·792	− 5	…	…
…	22·212	− 6·056	− 2	…	…
…	+22·464	−57·156	0·75	…	…
…	22·470	−25·265	− 5	…	…
…	22·830	+44·487	0·95	45.8996	10·1
…	22·839	−34·252	− 3	…	…
…	22·853	−32·808	− 4	…	…
681					
…	+23·006	−27·288	− 4	…	…
…	23·446	+39·495	0·70	…	…
*	23·524	+40·793	1·00	45.8997	10·0
†	23·553	+44·781	− 4	…	…
…	24·044	−48·245	− 2	…	…
…	+24·204	−33·816	− 4	…	…
…	24·232	+37·424	− 4	…	…
*	24·427	−13·059	1·00	46.9026	9·6
*	24·630	+45·817	1·10	45.8998	9·4
…	24·656	+ 1·875	1·00	45.8999	10·0
691					
…	+24·681	−42·949	− 3	…	…
‡	24·822	−12·320	1·70	46.9027	8·9
…	25·042	−15·937	− 5	…	…
…	25·421	+49·025	0·75	…	…
…	25·463	+22·960	− 2	…	…
…	+25·602	+35·387	0·80	…	…
…	25·689	−35·939	− 5	…	…
*	25·776	+ 1·993	1·25	45.9000	9·3
…	25·983	−26·162	− 2	…	…
…	26·156	+34·605	− 5	…	…
701					
n	+26·616	+42·969	0·70	45.9001	10·0
…	26·665	+23·891	0·85	…	…
n	26·667	+43·202	1·00	45.9001	10·0
…	26·936	+23·763	− 2	…	…
…	27·156	+48·508	− 3	…	…
…	+27·502	+50·578	− 5	…	…
…	27·521	−49·834	− 4	…	…
*	27·578	+54·938	1·00	45.9002	10·0
…	27·600	+ 3·048	0·65	…	…
…	27·683	−41·477	0·95	46.9028	10·0
711					
…	+27·737	−19·191	− 5	…	…
…	28·217	+48·734	1·00	45.9003	10·1
…	28·269	−32·380	0·95	46.9029	10·1
…	28·285	−43·552	− 4	…	…
…	28·359	−29·704	− 5	…	…
…	+28·375	+41·227	− 5	…	…
…	28·411	−58·567	− 5	…	…
…	28·483	+32·738	0·95	45.9004	10·1
…	28·516	+36·680	0·75	…	…
…	28·900	+23·394	− 3	…	…

701, 703. C.P.D., possibly mass.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
721-780					
721				°	
*	+28′926	+18′766	1·00	45.9005	9·6
...	29·143	−21·439	− 3	...	...
...	29·187	−19·766	− 5	...	...
...	29·310	+48·344	− 3	...	...
...	29·325	+56·926	− 4	...	...
...	+29·417	+53·179	− 5	...	...
...	29·446	+14·381	0·70	...	...
...	29·616	+27·072	− 5	...	...
*	29·709	−42·436	1·00	46.9030	9·6
...	29·886	+29·529	− 5	...	...
731					
...	+29·897	−43·730	− 4	...	...
...	29·903	+35·889	− 3	...	...
...	30·009	−19·410	− 3	...	...
...	30·078	− 1·271	− 2	...	...
...	30·092	−15·759	− 4	...	...
...	+30·162	+ 0·859	− 4	...	...
...	30·175	+23·934	− 5	...	...
...	30·496	−20·428	0·70	...	...
...	30·598	−12·876	− 1	...	...
...	30·978	+ 5·102	− 2	...	...
741					
...	+30·985	+ 5·252	− 4	...	...
...	31·169	+ 7·656	− 1	...	...
...	31·179	+55·160	− 1	...	...
...	31·212	−43·972	− 1	...	...
...	31·792	+50·016	0·65	...	...
...	+31·806	−39·198	− 1	...	...
...	31·843	+ 8·453	− 5	...	...
...	31·850	−39·154	− 4	...	...
...	32·509	−43·981	− 4	...	...
...	32·523	−20·757	0·80	...	...
751					
...	+32·643	−41·910	0·70	46.9031	10·1
...	32·849	−40·389	− 1	46.9032	10·1
...	32·917	− 9·724	− 5	...	...
...	33·096	+58·982	− 4	...	...
...	33·169	−23·866	− 4	...	...
...	+33·240	+34·474	− 5	...	...
...	33·314	+25·559	− 1	...	...
...	33·417	+23·527	− 5	...	...
...	33·559	+11·079	− 3	...	...
...	33·567	−15·316	− 4	...	...
761					
...	+33·585	+31·488	− 5	...	...
...	33·627	+ 9·636	− 3	...	...
...	33·668	+41·275	0·90	45.9006	10·1
...	33·686	+26·633	− 4	...	...
...	33·844	+27·211	− 2	...	...
...	+33·905	+ 7·624	− 4	...	...
...	33·975	+24·697	− 1	...	...
...	33·991	+33 801	− 2	...	...
...	34·046	+15·342	− 1	...	...
...	34·082	+16·295	0·65	...	...
771					
...	+34·123	+36·788	0·70	...	...
S *	34·408	−33·904	1·80	46.9033	8·9
...	34·534	+13 274	− 2	...	...
†	34·537	−30·089	− 1	...	...
...	34·820	−46·042	− 4	...	...
†	+34·830	+15·349	− 5	...	...
†	34·873	+35·408	− 5	...	...
...	34·993	−19·523	− 1	...	...
...	35·035	+44·855	− 2	...	...
...	35·089	−10·948	− 3	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
781-840					
781				°	
...	+35′131	+57′573	0·95	45.9007	10·0
...	35·214	−42·379	0·90	46.9034	10·1
...	35·712	+ 6·593	− 5	...	...
...	35·776	+53·092	0·80	...	...
...	35·778	−44·826	− 3	...	...
...	+35·801	+ 1·783	− 5	...	...
...	36·000	−48·085	− 4	...	...
...	36·115	−53·092	− 5	*a*	...
...	36·441	−17·443	− 2	...	...
...	36·479	−59·404	0·80	46.9035	10·0
791					
...	+36·499	−45·512	− 1	...	...
...	36·725	− 4·987	− 1	...	...
*	36·941	−31·791	1·00	46.9036	9·6
...	36·969	+29·031	− 2	...	...
...	36·976	+52·784	− 1	...	...
...	+37·077	+18·622	0·80	45.9008	9·8
†	37·240	+44·771	− 4	...	...
...	37·345	+41·307	− 2	...	...
...	37·417	− 7·643	− 4	...	...
*	37·666	− 3·093	1·00	46.9037	9·8
801					
...	+37·714	+58·308	− 4	...	...
...	37·739	−46·093	− 2	...	...
...	37·753	+11·620	− 2	...	...
...	37·792	+56·452	− 5	...	...
*	37·808	+36·667	0·95	45.9009	9·8
*	+37·822	+14·000	1·10	45.9010	9·6
*	38·011	+ 8·284	1·00	45.9011	9·6
...	38·104	−59·076	− 3	...	...
...	38·158	+22·118	− 3	...	...
...	38·282	+29·352	− 4	...	...
811					
...	+38·432	+ 5·488	− 3	...	...
...	38·632	− 2·636	0·75	...	...
...	38·697	−40·467	0·80	...	...
...	38·752	−58·273	− 3	...	...
...	38·869	+11·019	− 3	...	...
...	+38·927	+26·282	− 4	...	...
...	38·929	+17·949	− 5	...	...
...	39·000	+40·652	0·80	45.9012	10·1
...	39·004	+41·738	− 4	...	...
...	39·089	+53·619	− 4	...	...
821					
...	+39·124	−54·330	− 3	...	...
...	39·270	−47·807	− 5	...	...
...	39·373	−19·083	− 1	...	...
...	39·413	+10·403	0·70	...	...
...	39·534	−38·008	0·65	...	...
‡	+39·666	+10·593	2·80	45.9013	8·3
†	39·734	+18·311	− 5	...	...
‡	39·872	+10·986	1·20	45.9014	9·0
...	40·057	−30·441	0·90	...	...
...	40·067	−24·378	− 5	...	...
831					
...	+40·437	+41·065	1·00	...	...
...	40·445	−30·326	− 5	...	...
‡	40·788	−29·994	1·00	46.9039	9·6
...	40·904	−40·608	− 5	...	...
...	40·929	− 6·560	0·85	46.9038	10·1
*	+40·959	−44·230	1·00	46.9040	9·6
...	41·065	−29·396	− 5	...	...
*	41·093	+23·136	2·00	45.9015	9·0
...	41·376	+53·608	− 5	...	...
...	41·513	+ 4·745	0·85	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
841-900					
841				°	
...	+41′515	+52′683	− 4	...	...
...	41·707	+44·102	− 4	...	...
...	41·842	+46·896	− 4	...	...
...	41·849	+55·488	− 5	...	...
†	41·894	−30·044	− 5	...	...
...	+42·061	+11·072	− 5	...	...
...	42·231	−21·409	0·90	46.9041	10·1
...	42·231	−50·396	− 5	...	...
...	42·252	− 7·801	0·65	...	...
...	42·451	+ 5·634	− 5	...	...
851					
*	+42·541	− 3·903	1·05	46.9042	9·6
...	42·738	−34·715	− 2	...	...
...	42·817	−31·263	− 5	...	...
*	42·920	+13·994	1·05	45.9016	9·8
...	43·041	−49·723	0·75	...	...
*	+43·203	−18·477	1·30	46.9043	9·2
*	43·207	−41·998	1·10	46.9044	9·6
...	43·276	+43·497	− 4	...	...
...	43·285	+ 2·824	0·75	...	...
...	43·299	+15·832	− 5	...	...
861					
...	+ 43·405	−52·599	− 5	...	...
...	43·597	−31·740	− 5	...	...
...	43·735	+10·705	− 5	...	...
...	43·850	+28·103	0·80	...	...
...	43·895	+36·021	− 5	...	...
...	+44·188	−35·898	− 4	...	...
*	44·311	−42·757	1·00	46.9046	9·8
†	44·692	−51·905	1·00	46.9048	9·6
...	44·850	−14·787	0·95	46.9047	10·1
...	44·922	−11·614	− 4	...	...
871					
...	+45·016	−54·788	− 4	...	...
...	45·381	−35·982	− 5	...	...
...	45·475	+ 7·502	− 1	...	...
*	45·579	−54·596	1·20	46.9049	9·6
...	45·665	+50·942	− 4	...	...
...	+45·835	− 8·707	0·70	...	...
...	45·872	−56·702	− 5	...	...
...	46·035	+21·378	0·95	45.9018	10·0
...	46·047	+54·814	− 5	...	...
...	46·069	−27·974	− 5	...	...
881					
...	+46·123	+41·930	0·95	45.9017	10·1
...	46·262	+33·833	− 3	...	...
...	46·426	+ 2·644	− 4	...	...
...	46·447	+35·794	− 5	...	...
...	46·560	+56·606	− 5	...	...
...	+ 46·610	−35·444	− 4	...	...
...	46·686	+12·738	− 5	...	...
...	46·694	−38·677	0·95	46.9050	10·1
*	46·912	−30·206	1·10	46.9051	9·5
...	46·921	−24·475	− 2	...	...
891					
...	+47·240	+ 2·244	− 5	...	...
...	47·261	−12·508	0·90	...	...
*	47·364	− 4·204	1·05	46.9052	9·6
...	47·488	+35·249	0·95	...	...
...	47·501	−10·810	− 5	...	...
*	+47·547	+22·141	1·00	45.9019	10·0
...	47·600	+27·117	− 5	...	...
...	47·740	−12·826	0·75	...	...
...	47·834	−42·211	− 3	...	...
...	47·904	−53·543	1·05	46.9054	9·6

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
901–930					
901	′	′		°	
*	+48·534	− 5·026	1·00	46.9053	9·8
...	48·554	+16·457	0·70	...	...
...	48·567	−16·107	− 3	...	...
...	48·649	−48·304	− 5	...	...
†	48·666	−54·975	− 5	...	...
...	+48·680	+51·907	− 4	...	...
...	48·757	−16·258	− 4	...	...
...	48·787	+38·720	0·90	45.9020	10·1
...	49·224	+34·660	0·90	...	...
...	49·335	− 3·803	− 4	...	...
911					
†	+49·658	+14·773	0·95	45.9021	10·1
†	49·676	− 3·218	0·75	...	...
†	49·707	+16·975	0·90	...	...
...	49·785	−22·910	− 2	...	...
*	49·807	−59·798	2·20	46.9056	8·8
...	+49·945	−49·662	− 4	...	...
*	50·037	−18·139	1·00	46.9055	9·6
...	50·493	+59·309	0·90	45.9022	10·1
...	50·516	− 5·027	− 5	...	...
...	50·706	− 0·206	− 1	*e*	...
921					
...	+50·786	+36·559	− 3	...	...
...	50·805	+46·526	0·90	45.9023	10·0
†	51·134	+19·836	− 1	...	...
*	51·146	− 6·010	1·30	46.9057	9·4
...	51·272	+22·379	− 1	...	...
...	+51·319	+ 0·186	− 2	...	...
...	51·554	+30·699	0·75	45.9024	10·1
...	51·600	+43·995	− 1	...	...
...	51·646	−18·920	− 3	...	...
...	51·963	−12·000	− 5	...	...
931–960					
931	′	′		°	
S ‡	+52·261	+19·709	2·15	45.9026	8·4
*	52·266	+31·764	1·30	45.9025	9·2
...	52·272	+ 0·300	− 5	...	...
*	52·290	+15·519	1·50	45.9027	9·0
...	52·333	− 7·056	− 4	...	...
...	+52·577	− 6·817	− 1	...	...
*	52·675	+42·327	1·00	45.9028	9·8
...	52·696	+ 4·151	− 5	...	...
...	53·109	−29·996	0·80	...	...
...	53·161	+57·168	1·00	45.9029	10·1
941					
...	+53·590	+37·124	− 5	...	...
...	54·177	+30·932	0·65	...	...
...	54·330	+ 5·522	− 3	...	...
*	54·336	+28·257	1·00	45.9030	9·6
...	54·344	−40·129	0·75	...	...
...	+54·373	+13·923	− 5	...	...
...	54·382	+12·760	0·75	...	...
...	54·568	− 5·637	− 4	...	...
...	55·125	+45·376	− 5	...	...
...	55·387	+15·849	− 5	...	...
951					
...	+55·481	+ 0·556	0·70	...	...
S *	55·633	− 1·622	1·85	46.9058	9·0
...	55·864	−22·268	− 4	...	...
...	55·909	+43·532	− 4	...	...
...	55·976	− 0·451	− 5	*m*	...
...	+56·051	+57·743	− 2	...	...
...	56·193	+30·884	0·70	...	...
*	56·489	−39·378	0·90	46.9060	10·0
...	56·650	−10·437	0·90	46.9059	9·8
†	56·659	−40·004	0·80	*e*	...
961–988					
961	′	′		°	
...	+56·754	+51·832	− 5	...	...
...	56·787	−46·389	− 3	...	...
...	56·896	+39·516	− 2	...	...
...	56·951	−42·211	− 3	...	...
...	57·114	+17·324	− 4	...	...
...	+57·159	−43·855	− 3	...	...
...	57·423	+49·203	− 5	*m*	...
...	57·474	+52·976	− 1	...	...
*	57·564	−59·447	1·10	46.9061	9·6
‡	58·142	+39·794	1·00	45.9031	9·8
971					
...	+58·170	+52·357	− 5	...	...
...	58·231	−24·340	0·65	...	...
...	58·358	− 9·138	0·75	...	...
...	58·511	+41·030	− 5	...	...
...	58·593	+32·868	− 5	...	...
...	+58·639	−16·663	− 5	...	...
...	58·724	−27·119	0·85	46.9062	10·1
...	58·826	−22·111	− 1	...	...
...	58·826	−54·672	− 4	...	...
...	58·837	+25·205	− 3	...	...
981					
*	+58·869	+18·942	1·00	45.9032	9·6
...	59·124	+26·473	− 4	...	...
...	59·208	−12·865	− 5	...	...
...	59·342	+18·720	− 3	...	...
...	59·485	−29·923	− 5	...	...
...	+59·539	+11·670	0·75	...	...
...	59·584	+26·841	− 4	...	...
...	59·609	−27·837	− 4	...	...

I	′	′		°	
†	−59·910	+54·596	− 5	...	...
*	59·692	−42·260	1·10	46.9044	9·6
...	59·639	−31·989	− 5	...	...
†	59·612	−49·987	− 2	...	...
...	59·454	+56·395	− 5	...	...
...	−59·433	+41·709	0·90	45.9017	10·1
...	59·211	+ 3·515	− 5	...	...
...	59·029	+33·624	− 3	...	...
...	58·988	+ 7·277	0·70	...	...
...	58·925	−11·848	− 4	...	...
II					
...	−58·921	+35·593	− 4	...	...
...	58·919	−36·135	− 4	...	...
†	58·917	−15·004	0·90	46.9047	10·1
...	58·872	+21·167	0·95	45.9018	10·0
...	58·653	+ 9·780	− 5	...	...
*	−58·565	−42·986	1·00	46.9046	9·8
...	58·118	− 8·903	0·85	...	...
...	57·955	+12·543	− 5	...	...
...	57·891	+ 2·455	0·75	...	...
*	57·873	−52·120	1·15	46.9048	9·6
21–40					
21	′	′		°	
...	−57·849	+35·075	0·80	...	...
...	57·719	−36·178	− 5	...	...
...	57·489	+26·947	− 5	...	...
...	57·465	−54·996	− 3	...	...
*	57·377	+21·976	1·00	45.9019	10·0
...	−57·288	−28·163	− 4	...	...
...	57·198	+51·769	− 4	...	...
...	57·079	+ 2·081	− 5	...	...
*	56·917	−54·792	1·20	46.9049	9·6
...	56·752	+38·675	− 5	...	...
31					
*	−56·734	− 4·354	1·20	46.9052	9·6
...	56·670	+38·588	0·90	45.9020	10·1
...	56·575	−12·663	0·95	...	...
...	56·547	−24·628	0·70	...	...
...	56·545	−56·884	− 5	...	...
...	−56·502	−35·605	− 5	...	...
...	56·392	+54·251	− 5	...	...
...	56·391	−10·953	− 5	...	...
*	56·367	−30·368	1·20	46.9051	9·5
...	56·317	−38·833	0·85	46.9050	10·1
41–60					
41	′	′		°	
...	−56·262	− 3·512	− 5	...	...
...	56·197	+20·209	− 5	...	...
...	56·197	+16·318	0·80	...	...
...	56·183	− 1·733	− 5	...	...
...	56·106	+34·536	0·85	...	...
...	−56·097	−12·967	0·75	...	...
*	55·615	+59·212	1·00	45.9022	10·1
‡	55·527	− 5·143	1·00	46.9053	9·8
...	55·348	+21·995	− 5	...	...
...	55·163	−16·222	− 3	...	...
51					
...	−55·064	−42·339	− 5	...	...
...	55·058	+16·878	0·95	...	...
‡	55·031	+14·687	1·00	45.9021	10·1
†	54·960	−16·359	− 5	...	...
‡	54·885	+46·445	1·00	45.9023	10·0
...	−54·770	− 3·890	− 4	...	...
*	54·631	−53·660	1·10	46.9054	9·6
...	54·603	+36·482	− 3	...	...
...	54·449	− 3·292	0·75	...	...
...	54·066	−48·393	− 5	...	...

L measured from 1, 184, 338, 479, 628, 784.
MC „ „ 93, 257, 407, 536, 696, 869.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
61–120					
61				°	
...	−54·034	+43·947	0·95	...	...
...	53·839	−55·042	− 5	...	...
...	53·741	+ 0·407	− 5	...	...
...	53·740	−22·978	− 2	...	...
...	53·719	+19·780	0·85	...	...
...	−53·668	+22·326	0·85	...	...
...	53·649	+30·652	1·00	45.9024	10·1
*	53·609	−18·190	1·00	46.9055	9·6
...	53·520	− 0·258	0·80	E	...
*	52·970	+31·743	1·30	45.9025	9·2
71					
...	−52·920	+ 0·152	− 2	...	...
*	52·893	− 6·043	1·20	46.9057	9·4
*	52·889	+42·297	1·15	45.9028	9·8
...	52·864	+57·164	1·00	45.9029	10·1
...	52·727	−49·714	− 5	...	...
S *	−52·579	+19·698	2·10	45.9026	8·4
‡	52·527	−59·851	2·40	46.9056	8·8
*	52·422	+15·510	2·00	45.9027	9·0
...	52·237	+ 6·555	− 5	...	...
...	51·996	−18·926	− 4	...	...
81					
...	−51·984	+ 0·298	− 5	...	...
...	51·682	− 7·056	− 5	...	...
...	51·446	− 6·818	0·75	...	...
...	51·197	+36·275	− 5	...	...
...	51·034	+30·970	0·90	...	...
*	−50·788	+28·294	1·10	45.9030	9·6
...	50·523	+45·415	− 5	...	...
...	50·259	+12·802	1·00	...	...
†	50·180	−29·948	0·95	...	...
...	50·086	+ 5·584	− 4	...	...
91					
†	−50·065	−15·081	− 5	...	...
†	50·015	+57·822	− 3	...	...
...	49·715	+43·625	− 3	...	...
...	49·620	−29·640	− 5	...	...
...	49·491	− 5·564	− 3	...	...
...	−49·380	+39·093	− 5	...	...
...	49·352	+15·935	− 4	...	...
...	49·103	+51·930	− 5	...	...
...	49·025	+30·990	− 1	...	...
...	48·773	+ 0·649	− 1	...	...
101					
...	−48·741	−45·879	− 4	...	...
...	48·633	−40·037	0·75	...	...
...	48·588	+39·637	− 2	...	...
S *	48·549	− 1·518	1·90	46.9058	9·0
...	48·431	+53·105	0·70	...	...
...	−48·395	− 1·556	− 4	A	...
...	48·068	+29·330	− 4	...	...
...	47·817	−15·869	− 5	...	...
...	47·730	+52·499	− 4	...	...
...	47·675	−22·143	− 4	...	...
111					
...	−47·673	+17·459	− 4	...	...
*	47·356	+39·943	0·90	45.9031	9·8
*	47·259	−10·285	0·90	46.9059	9·8
...	47·040	+41·205	− 5	...	...
...	47·007	−51·527	− 5	...	...
...	−47·000	+20·270	− 5	...	...
...	46·689	+33·049	− 3	...	...
...	46·519	−10·281	− 5	...	...
...	46·512	−39·226	0·85	46.9060	10·0
...	46·316	−39·867	0·75	E	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
121–180					
121				°	
...	−46·291	+58·110	− 4	...	...
...	46·198	+25·394	− 3	...	...
...	45·982	−46·229	− 3	...	...
*	45·969	+19·136	1·00	45.9032	9·6
...	45·953	+26·670	− 3	...	...
...	−45·950	−42·047	− 3	...	...
...	45·739	+47·343	− 4	...	...
...	45·694	−43·682	− 3	...	...
...	45·590	− 8·944	0·65	...	...
...	45·518	+27·052	− 4	...	...
131					
...	−45·494	+18·932	− 2	...	...
...	45·417	+33·624	− 5	...	...
...	45·322	+46·311	0·90	45.9033	9·8
...	45·243	−24·138	0·65	...	...
...	45·083	−16·451	− 5	...	...
...	−45·076	+11·892	0·70	...	...
*	44·782	−59·246	0·95	46.9061	9·6
...	44·721	−21·891	− 1	...	...
...	44·663	−26·906	0·85	46.9062	10·1
...	44·627	−12·637	− 4	...	...
141					
...	−44·445	− 7·623	− 5	...	...
...	44·432	+48·187	− 3	...	...
...	44·383	+39·415	0·90	45.9034	10·1
...	43·816	−29·676	− 5	...	...
...	43·692	−54·418	− 4	...	...
*	−43·628	+ 4·461	0·90	45.9035	9·6
...	43·411	−17·205	− 5	...	...
...	43·393	+42·683	− 5	...	...
...	43·227	+24·425	− 4	...	...
...	43·222	+42·049	− 5	...	...
151					
...	−43·102	+16·796	− 3	...	...
...	43·085	+12·250	− 5	...	...
‡	42·735	+29·831	1·00	45.9036	9·3
*	42·616	+23·626	2·30	45.9037	8·4
...	42·589	− 7·609	− 5	...	...
...	−42·535	−15·588	− 1	...	...
...	42·521	+38·913	− 1	...	...
...	42·332	−43·809	− 4	...	...
...	42·239	+11·152	− 3	...	...
...	42·112	−58·542	− 4	...	...
161					
*	−42·107	+53·710	1·20	45.9039	9·5
*	42·058	+28·095	2·10	45.9038	8·6
...	41·917	−59·294	− 5	...	...
...	41·683	−36·168	− 2	...	...
...	41·397	+43·210	− 4	...	...
...	−41·122	−56·565	− 4	...	...
...	41·117	+44·561	− 5	...	...
...	41·105	+45·676	− 5	...	...
...	40·962	+45·487	− 1	...	...
...	40·687	−37·067	− 5	...	...
171					
...	−40·659	−59·580	− 4	...	...
...	40·626	−18·152	− 3	...	...
...	40·575	+56·653	− 4	...	...
...	40·467	+36·292	− 1	...	...
...	40·418	−40·619	− 3	...	...
...	−40·351	− 0·969	− 1	...	...
*	40·216	+43·568	1·40	45.9040	9·2
...	40·199	+41·322	− 3	...	...
...	40·190	+14·468	− 3	...	...
...	40·163	+56·688	− 5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
181–240					
181				°	
...	−40·125	−14·272	− 4	...	...
...	40·097	+38·782	− 3	...	...
...	40·074	+38·653	− 2	...	...
...	39·905	+44·135	− 2	...	...
...	39·818	−28·693	− 5	...	...
...	−39·483	+ 3·181	0·70	...	...
*	39·273	+15·327	1·00	45.9041	10·0
...	39·162	−57·407	− 1	...	...
*	39·109	−14·251	1·00	46.9063	10·0
...	39·046	−46·103	0·85	...	...
191					
*	−39·021	+ 8·428	1·40	45.9042	9·2
...	38·949	+54·661	− 5	...	...
*	38·675	+25·081	1·60	45.9043	9·2
...	38·621	−22·762	0·70	...	...
*	38·506	−30·100	1·00	46.9064	9·8
...	−38·279	− 4·845	− 5	...	...
...	38·161	+ 2·926	− 5	...	...
...	38·113	+45·464	− 5	...	...
...	38·059	−56·086	− 5	...	...
...	37·706	−31·766	− 4	...	...
201					
...	−37·672	+18·829	0·70	...	...
...	37·623	+ 7·703	− 4	...	...
...	37·297	+38·025	− 4	...	...
...	37·238	− 3·931	− 2	...	...
...	36·845	+53·619	− 5	...	...
*	−36·801	+ 2·690	1·05	45.9044	9·8
...	36·392	+ 3·151	0·70	...	...
S *	36·357	+49·059	3·05	45.9045	7·9
...	36·338	−13·074	− 5	...	...
...	36·238	−23·509	− 5	...	...
211					
*	−36·035	−58·424	1·35	46.9065	9·0
...	35·970	+12·407	− 4	...	...
...	35·913	+42·148	0·90	...	...
...	35·814	−55·870	0·80	...	...
...	35·797	+51·818	− 5	...	...
...	−35·760	−50·052	0·85	...	...
...	35·714	−27·429	− 1	...	...
...	35·156	−42·769	− 5	...	...
‡	35·025	−57·384	1·05	46.9066	9·8
†	34·853	−25·021	− 5	...	...
221					
*	−34·727	+31·714	0·95	...	...
...	34·624	−50·337	− 5	...	...
...	34·610	+49·449	− 5	...	...
...	34·562	−46·821	− 5	...	...
...	34·158	−47·424	− 1	...	...
...	−33·952	−57·297	− 4	...	...
...	33·861	+34·633	0·80	...	...
...	33·861	+21·542	− 5	...	...
...	33·833	+50·001	− 1	...	...
...	33·658	+54·019	− 4	...	...
231					
...	−33·598	−28·327	− 1	...	...
...	33·439	+33·058	− 3	...	...
...	33·076	−41·984	− 5	...	...
...	32·780	−28·354	− 4	...	...
...	32·659	−40·781	0·80	...	...
...	−32·261	+42·580	0·90	...	...
...	32·173	−38·625	− 2	...	...
...	31·991	−59·768	− 4	...	...
...	31·933	+31·671	− 5	...	...
...	31·869	+23·212	0·95	45.9046	10·0

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
241–300					
241				°	
...	−31·811	−31·661	− 4	...	...
...	31·628	−46·472	− 4	...	...
...	31·478	+41·069	− 5	...	...
...	30·957	−11·845	− 5	...	...
*	30·939	−53·226	1·25	46.9067	9·3
...	−30·935	−15·178	− 5	...	...
...	30·842	−37·125	− 4	...	...
...	30·771	+28·553	− 5	...	...
S *	30·759	−27·256	3·00	46.9068	8·3
*	30·725	+33·017	1·00	45.9047	9·8
251					
...	−30·632	+43·860	0·95	...	...
...	30·350	−38·333	− 5	...	...
...	30·329	+19·146	− 5	...	...
...	30·273	+47·020	0·90	...	...
...	30·224	+58·746	0·90	...	...
...	−30·208	+41·181	− 5	...	...
...	29·986	−57·479	− 3	...	...
...	29·833	+50·415	− 4	...	...
S *	29·809	+26·280	2·95	45.9048	8·2
...	29·701	−20·909	− 5	...	...
261					
...	−29·638	+33·474	− 4	...	...
...	29·327	− 5·691	− 5	...	...
...	29·294	+58·780	0·85	45.9049	10·0
...	29·128	− 5·707	− 5	...	...
*	29·089	−24·357	1·80	46.9069	8·9
...	−28·895	−22·630	− 2	...	...
†	28·875	−20·017	− 3	...	...
...	28·811	− 3·444	− 3	...	...
...	28·775	+37·342	− 3	...	...
...	28·745	+33·479	− 1	...	...
271					
...	−28·351	+52·028	− 3	...	...
...	28·321	− 8·324	0·70	...	...
...	28·288	+41·943	0·90	45.9050	9·8
...	28·107	+27·820	0·65	...	...
...	28·050	− 5·553	− 5	...	...
...	−28·027	−43·526	− 4	...	...
*	27·958	−36·211	1·60	46.9070	9·0
...	27·774	−57·045	0·70	...	...
...	27·695	− 6·544	− 5	...	...
...	27·687	− 2·098	− 5	...	...
281					
...	−27·668	+55·131	0·80	45.9051	10·1
...	27·621	−26·901	− 5	...	...
...	27·559	+30·123	− 4	...	...
*	27·367	−23·911	1·00	46.9071	9·5
...	27·193	−23·165	− 2	...	...
...	−27·188	+23·944	− 1	...	...
...	27·145	+54·853	− 4	...	...
...	27·145	−45·043	− 2	...	...
...	27·071	+33·053	− 1	...	...
*	27·065	+24·684	2·40	45.9052	8·7
291					
...	−26·862	−44·775	0·90	46.9072	10·0
...	26·812	+ 5·849	− 3	...	...
...	26·686	+35·396	− 4	...	...
†	26·638	+ 9·831	0·65	45.9053	10·1
...	26·275	+33·923	− 5	...	...
...	−26·076	+42·982	− 1	...	...
*	25·611	−27·932	1·00	46.9073	9·5
...	25·503	− 9·149	− 1	...	...
...	25·437	−47·247	− 3	...	...
...	25·396	−35·719	− 4	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
301–360					
301				°	
...	−25·241	+ 1·013	− 4	...	...
...	25·218	+29·762	− 3	...	...
...	25·118	+48·153	− 5	...	...
...	24·701	+ 4·789	− 2	...	...
...	24·648	+ 8·475	− 3	...	...
*	−24·596	−40·303	1·60	46.9074	9·0
*	24·196	− 2·115	1·20	46.9075	9·4
...	24·133	+47·345	− 5	...	...
...	23·893	+48·553	− 5	...	...
...	23·758	−57·686	− 4	...	...
311					
...	−23·728	− 7·944	− 2	...	...
...	23·720	− 6·600	0·90	46.9076	10·0
...	23·165	−19·708	− 1	...	...
...	23·074	+24·110	− 4	...	...
...	22·971	+15·210	− 2	...	...
...	−22·879	−56·339	− 4	...	...
...	22·842	−53·303	− 5	...	...
...	22·805	−17·447	− 5	...	...
...	22·554	+51·271	− 1	...	...
...	22·500	−40·293	− 5	...	...
321					
...	−22·437	+41·913	− 4	...	...
...	22·303	+46·079	− 1	...	...
...	22·259	−16·675	− 2	...	...
...	22·129	−51·056	− 4	...	...
...	22·075	−38·884	− 4	...	...
...	−21·379	+33·358	0·85	45.9054	10·1
...	21·376	+47·485	0·90	45.9055	9·8
*	21·370	−27·127	1·80	46.9077	8·8
...	21·236	+43·754	− 4	...	...
...	21·125	+25·765	− 3	...	...
331					
...	−21·038	− 7·992	0·90	46.9078	9·8
...	20·927	+52·399	0·70	...	...
...	20·926	+40·979	− 3	...	...
...	20·542	+21·964	0·90	45.9056	9·8
...	20·430	+41·567	− 5	...	...
*	−20·381	+17·637	0·90	45.9057	9·8
†	20·102	+16·609	− 4	...	....
†	19·816	− 0·042	− 2	...	...
...	19·753	−30·560	− 5	...	...
*	19·273	−22·210	1·00	46.9080	9·5
341					
*	−19·228	−24·671	2·00	46.9081	8·8
...	19·147	+29·348	− 5	...	...
*	19·118	−48·777	1·00	46.9079	10·0
...	18·712	−14·003	− 5	...	...
...	18·588	+33·143	0·80	...	...
...	−18·419	+38·580	− 5	...	...
...	18·264	+43·763	− 5	...	...
...	17·989	−46·983	0·70	...	...
...	17·987	−57·035	1·00	46.9082	10·1
...	17·841	−45·389	− 4	...	...
351					
...	−17·730	+55·444	− 2	...	...
*	17·699	+23·018	1·20	45.9058	9·5
*	17·564	−34·789	3·00	46.9083	8·2
...	17·562	+52·505	− 5	...	...
‡	17·124	+ 9·922	1·00	45.9059	9·8
...	−17·009	+33·108	− 5	...	...
...	16·983	+54·964	− 5	...	...
...	16·739	+40·446	− 4	...	...
...	16·582	+36·735	0·85	45.9060	10·1
...	16·510	− 1·452	− 5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
361–420					
361				°	
...	−16·398	−43·490	− 4	...	...
...	16·385	+ 5·927	− 2	...	...
...	16·365	+37·378	− 5	...	...
...	16·044	+48·117	− 5	...	...
...	15·918	+32·394	− 2	...	...
*	−15·852	+46·345	1·05	45.9061	9·5
*	15·798	− 1·145	1·05	46.9084	9·5
...	15·246	+38·074	− 5	...	...
...	15·205	+11·716	1·00	45.9062	10·0
†	15·170	−50·496	− 5	...	...
371					
†	−15·050	− 1·580	0·95	46.9086	10·0
...	14·889	−45·457	− 2	...	...
*	14·850	−38·223	1·20	46.9085	9·4
*	14·615	− 8·126	1·00	46.9087	10·0
*	14·487	+13·272	1·80	45.9063	9·0
*	−14·451	−17·846	1·40	46.9088	9·3
...	14·413	−58·848	− 4	...	...
...	14·379	+35·753	1·00	45.9064	10·0
...	14·282	+52·128	0·70	...	...
...	14·085	− 5·355	0·95	46.9089	10·0
381					
...	−14·079	−30·110	− 2	...	...
*	13·861	− 6·860	1·35	46.9090	9·5
*	13·737	+24·593	1·00	45.9065	9·6
...	13·326	−21·043	0·95	46.9091	10·1
...	13·208	−48·099	− 4	...	...
...	−13·051	−37·290	− 5	...	...
...	12·667	+25·415	− 4	...	...
*	12·475	−28·925	3·00	46.9092	8·5
...	12·275	−52·861	− 4	...	...
...	12·167	+32·350	− 4	...	...
391					
...	−11·969	−52·469	0·70	...	...
...	11·930	+34·699	− 4	...	...
...	11·699	+11·719	− 4	...	...
...	11·594	+31·443	− 5	...	...
...	11·283	−47·251	− 5	...	...
...	−11·217	−28·568	− 5	...	...
...	11·125	−27·920	− 5	...	...
...	11·072	−26·970	− 5	...	...
...	11·039	−59·135	− 5	...	...
...	10·815	−27·764	− 4	...	...
401					
...	−10·710	+26·925	0·95	45.9066	10·1
*	10·570	+45·507	2·00	45.9067	9·0
...	10·307	−16·398	1·00	46.9093	10·0
...	10·306	+50·730	− 5	...	...
...	10·249	− 3·720	− 5	...	...
...	−10·216	−31·831	− 5	...	...
...	10·036	−17·591	− 4	...	...
...	9·929	− 7·183	− 5	...	...
...	9·795	−51·873	0·75	46.9094	10·1
...	9·534	−31·573	− 4	...	...
411					
...	− 9·519	+55·851	− 5	...	...
...	9·513	−21·549	− 4	...	...
...	9·333	+ 8·860	− 2	...	...
...	9·254	+53·683	− 3	...	...
...	9·206	+40·470	− 5	...	...
†	− 9·165	+54·847	− 3	...	...
...	8·991	+51·693	− 2	...	...
*	8·949	− 7·965	1·00	46.9096	9·4
...	8·803	+19·601	0·90	45.9068	10·0
...	8·776	−34·398	0·75	46.9095	10·1

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
421–480					
421					
*	− 8·690	+10·083	0·90	45.9069	9·6
*	8·055	+42·960	1·20	45.9070	9·4
...	7·989	−56·191	− 1	...	...
*	7·417	−24·769	1·00	46.9097	9·4
*	7·137	+32·875	1·00	45.9071	9·5
...	− 7·088	−37·012	− 4	*m*	...
...	7·079	+49·908	− 3	...	...
...	6·992	+38·081	− 1	...	...
*	6·506	+55·186	1·00	45.9072	9·5
*	6·318	+54·008	1·00	45.9073	9·5
431					
...	− 6·128	+33·771	− 3	...	...
...	6·064	+18·278	− 5	...	...
...	6·038	+46·693	− 1	...	...
...	5·988	+38·035	− 4	...	...
...	5·798	−52·315	− 5	*m*	...
...	− 5·705	+38·451	− 5	...	...
...	5·413	−56·811	− 1	...	...
...	5·375	+33·640	0·90	45.9074	10·0
...	5·316	+43·478	− 4	...	...
...	5·285	−33·353	− 5	*m*	...
441					
...	− 5·222	−49·892	− 4	*m*	...
...	4·870	+26·366	− 3	...	...
...	4·663	+28·411	0·85	45.9075	10·1
...	4·507	−48·621	− 4	*m*	...
*	4·492	−26·897	1·40	46.9098	9·4
...	− 4·421	+53·575	− 5	...	...
...	4·406	+ 7·553	− 2	...	...
...	4·339	+30·326	0·85	45.9076	9·8
...	4·320	+44·522	− 5	...	...
...	4·266	−54·225	− 4	*m*	...
451					
...	− 4·120	+ 2·972	0·80	45.9077	10·0
...	4·012	+55·553	0·70	...	...
F *f*	3·922	+ 0·146	0·90	45.9078	9·8
...	3·670	+33·068	− 4	...	...
*	3·475	−28·477	1·60	46.9099	9·3
...	− 3·381	+32·013	− 5	...	...
...	2·865	+45·212	− 5	...	...
*	2·775	− 5·291	1·30	46.9100	9·4
...	2·772	− 4·987	− 4	*m*	...
*	2·587	+41·347	0·90	45.9080	9·8
461					
*	− 2·535	+11·712	1·00	45.9079	9·5
...	2·370	+11·610	− 4	...	...
...	2·368	+46·244	− 4	...	...
...	2·319	+19·306	− 4	...	...
*	2·197	+57·315	1·00	45.9081	9·5
...	− 2·116	−37·409	− 3	*m*	...
...	2·049	+40·140	0·90	45.9082	10·0
*	1·619	−12·496	1·40	46.9101	9·5
*	1·470	−16·927	1·00	46.9102	9·8
...	1·281	+28·663	− 4	...	...
471					
...	− 1·221	+ 6·604	− 5	...	...
...	1·109	−42·028	0·85	46.9103	10·0
...	0·713	−21·378	− 1	46.9105	10·1
S *	0·623	−54·293	3·15	46.9104	8·1
...	0·440	+25·722	− 2	...	...
...	− 0·349	+ 8·162	− 2	...	...
...	0·335	+28·425	− 4	...	...
*	0·244	+47·958	1·40	45.9083	9·3
...	0·068	+54·856	0·90	45.9084	10·0
...	− 0·013	+ 0·648	− 3	M	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3	C.P.D. No.	C.P.D. Mag.
481–540					
481					
*	+ 0·534	−40·744	1·90	46.9106	8·9
...	0·612	+19·175	0·90	...	...
...	1·074	+34·055	0·75	...	...
...	1·373	−34·594	− 5	*m*	...
...	1·376	−36·589	− 5	*m*	...
...	+ 1·763	−44·428	− 4	*m*	...
...	2·014	−35·900	− 5	*m*	...
...	2·334	−48·369	0·95	46.9107	10·1
...	2·596	+28·336	− 5	...	...
...	2·926	−47·307	− 5	*m*	...
491					
...	+ 2·996	−26·668	− 2	...	...
N	3·592	−52·645	0·80	...	...
...	3·596	−52·102	0·85	46.9108	10·1
...	3·852	+38·223	− 5	...	...
...	4·023	− 8·023	− 5	*m*	...
...	+ 4·167	−32·243	− 5	*m*	...
†	4·185	− 0·180	1·00	46.9109	9·8
...	4·254	+43·490	0·70	...	...
...	4·476	+33·901	− 4	...	...
...	4·573	+12·437	− 5	...	...
501					
...	+ 4·595	−42·137	− 4	*m*	...
S *	4·598	+18·575	1·70	45.9085	9·2
...	4·653	+38·330	0·90	...	...
...	5·022	−48·890	0·95	46.9110	10·0
...	5·089	+46·549	0·80	...	...
*	+ 5·175	+46·823	1·05	45.9086	9·6
...	5·338	+34·100	0·85	45.9087	10·1
*	5·442	+28·747	1·00	45.9088	9·6
*	5·446	−20·387	1·25	46.9111	9·4
...	5·746	−19·679	− 3	46.9112	10·1
511					
...	+ 6·083	−37·655	− 5	*m*	...
...	6·181	+32·302	− 5	...	...
...	6·216	−28·696	− 2	46.9113	10·1
...	6·253	−40·873	0·90	...	...
...	6·575	−23·414	0·75	...	...
...	+ 6·829	+ 1·638	− 5	...	...
...	7·182	+23·983	− 4	...	...
...	7·225	−46·966	0·90	46.9114	10·1
...	7·234	−35·844	− 5	*m*	...
...	7·340	−16·486	− 5	*m*	...
521					
...	+ 7·578	−23·767	0·95	...	...
...	7·749	+18·867	− 5	...	...
*	7·828	+ 4·212	1·20	45.9089	9·6
...	7·949	+53·758	0·90	...	...
*	7·995	+27·904	1·00	45.9090	9·8
*	+ 8·484	−24·296	2·00	46.9115	9·0
...	8·514	+38·769	0·85	...	...
...	8·846	−59·509	0·65	...	...
*	8·862	−28·099	1·80	46.9116	9·0
...	8·998	+36·705	− 3	...	...
531					
*	+ 9·246	+33·053	2·00	45.9091	9·0
...	9·372	−36·569	− 4	...	...
...	9·427	+41·399	0·90	45.9092	10·0
...	9·436	+24·657	− 4	...	...
‡	9·854	+50·851	1·50	45.9093	9·0
...	+10·014	+39·146	− 5	...	...
...	10·015	− 9·538	− 1	...	...
...	10·317	−36·132	0·80	46.9117	10·0
...	10·480	+22·925	0·90	45.9094	10·1
...	10·594	+ 5·346	− 2	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
541–600					
541					
*	+10·941	−32·256	1·60	46.9118	9·0
...	11·087	+ 3·864	− 5	...	...
...	11·102	+47·684	− 3	...	...
...	11·170	−45·396	− 5	*m*	...
...	11·338	−46·484	− 4	...	...
*	+11·410	+13·304	6·00	45.9095	6·7
...	11·432	−16·763	− 4	...	...
...	11·666	+35·610	− 5	...	...
...	11·757	+29·986	− 4	...	...
...	11·817	−17·141	− 1	46.9119	10·1
551					
...	+11·944	+36·113	− 2	...	...
...	12·033	+47·911	− 5	...	...
...	12·056	+ 3·818	− 2	45.9096	10·1
...	12·150	+28·610	− 4	...	...
...	12·181	−36·579	0·90	46.9120	9·6
†	+12·211	+44·720	− 4	...	...
...	12·255	−39·466	− 5	*m*	...
...	12·306	− 6·035	− 5	*m*	...
...	12·729	+55·349	− 1	...	...
...	12·967	−20·535	− 4	...	...
561					
...	+13·099	+34·100	− 4	...	...
...	13·128	+25·786	− 3	...	...
...	13·146	+19·433	− 5	...	...
...	13·254	−53·619	− 5	*m*	...
...	13·411	−31·790	− 4	...	...
...	+13·506	−13·233	− 5	*m*	...
†	13·638	+29·791	− 4	...	...
...	13·765	+21·443	− 4	...	...
...	13·774	+17·594	− 4	...	...
...	13·953	+58·234	− 5	...	...
571					
...	+14·101	+57·923	− 4	...	...
...	14·232	+37·959	− 2	...	...
S *	14·329	+29·048	2·00	45.9097	8·9
...	14·333	−50·128	− 4	*a*	...
*	14·354	−29·461	1·00	46.9121	9·4
...	+14·410	+46·388	− 1	...	...
...	14·431	−58·519	0·70	...	...
...	14·476	+ 8·830	− 4	...	...
...	14·484	−37·671	− 3	...	...
...	14·492	+16·804	0·80	45.9098	10·0
581					
...	+14·504	−53·958	− 5	*m*	...
...	14·535	+25·733	− 5	...	...
*	14·749	+47·643	0·90	45.9099	9·8
†	14·849	−59·284	− 5	*m*	...
†	15·044	+34·755	− 2	...	...
...	+15·238	+23·901	0·95	45.9101	9·8
...	15·284	+45·708	− 1	...	...
*	15·308	+44·181	1·00	45.9100	9·6
...	15·474	+24·570	− 4	...	...
...	15·561	−12·063	0·70	46.9122	10·0
591					
...	+15·655	−11·224	0·65	46.9123	10·1
...	15·797	− 8·377	− 4	...	...
...	15·855	+56·710	0·70	45.9102	10·1
...	16·048	−55·526	− 4	*a*	...
*	16·064	−30·933	1·50	46.9124	9·0
*	+16·157	+ 8·274	1·00	45.9103	9·4
...	16·199	−18·782	0·70	...	...
...	16·231	−56·807	− 3	...	...
...	16·390	−48·503	− 1	...	...
...	16·592	+36·425	0·90	45.9104	10·1

492. Obscures 2nd image of 493; 2nd image measured and corrected.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
601–660					
601	′	′		°	
...	+16·623	+22·115	0·80	45.9105	10·1
...	16·692	+37·818	0·90	45.9106	9·8
*	16·842	+14·152	1·60	45.9107	9·2
...	17·012	+39·007	− 5	...	...
...	17·060	+52·666	− 3	...	...
*	+17·100	+52·145	2·30	45.9108	8·6
...	17·315	+41·896	− 4	...	...
*	17·439	−48·901	1·00	46.9125	9·6
...	17·441	+53 623	− 3	...	...
...	17·678	−11·631	− 5	*m*	...
611					
†	+17·764	− 5·063	− 1	46.9126	10·1
...	17·781	+32·959	− 5	...	...
...	17·804	+21·010	− 4	...	...
...	17·885	−46·737	0·70	46.9127	10·0
...	17·991	−56·339	− 1	...	...
...	+18·000	−21·703	− 4	...	...
...	18·065	+43·850	− 2	...	...
...	18·284	−21·828	− 3	...	...
...	18·361	+42·758	− 5	...	...
...	18·439	+39·613	− 5	...	...
621					
...	+18·443	+38·243	− 1	...	...
...	18·651	− 5·705	− 1	46.9128	10·1
...	19·069	−34·529	− 3	...	...
...	19·158	−34·909	− 5	*m*	...
...	19·406	+47·449	− 5	...	...
...	+19·519	− 5·342	− 4	*m*	...
...	19·620	−30·274	− 5	*m*	...
†	19·901	+41·719	− 2	...	...
...	20·101	+40·806	− 4	...	...
*	20·231	+41·086	1·30	45.9109	9·2
631					
...	+20·235	+20·685	− 4	...	...
...	20·487	+15·721	0·70	...	...
...	20·573	+30·241	− 4	...	...
...	21·078	−28·317	0·80	46.9129	10·1
*	21·158	+ 3·014	4·00	45.9110	8·1
...	+21·243	+ 3·570	− 3	...	...
...	21·754	+37·087	− 2	...	...
...	21·766	−32·305	− 3	...	...
...	22·097	+27·027	− 5	...	...
...	22·121	−37·157	− 5	*m*	...
641					
...	+22·336	−49·660	− 4	...	...
...	22·375	+47·185	− 5	...	...
...	22·444	−17·611	− 5	*m*	...
...	22·557	+28·200	− 4	...	...
...	22·668	+ 1·175	− 5	...	...
α	+22·840	+ 0·100	− 1	46.9130	10·1
...	22·985	−58·214	− 4	...	...
S *	23·401	−19·309	2·65	46.9131	8·7
...	23·455	+ 1·946	− 4	...	...
...	23·896	−18·661	− 5	*m*	...
651					
...	+24·022	+25·483	− 1	...	...
...	24·023	+50·877	− 4	...	...
...	24·190	+26·576	− 5	...	...
...	24·193	−49·640	0·90	...	...
...	24·544	−52·687	− 5	*m*	...
*	+24·548	−31·162	1·00	46.9132	9·8
S *	24·807	+41·959	2·15	45.9111	8·3
...	25·123	−21·732	− 3	...	...
...	25·277	+35·704	− 4	...	...
†	25·286	−55·059	1·00	46.9133	9·8

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
661–720					
661	′	′		°	
...	+25·320	−59·124	− 3	...	...
...	25·380	− 6·557	− 3	...	...
*	25·815	−34·125	1·05	46.9134	9·6
...	25·890	−47·331	− 3	...	...
...	26·297	−42·973	− 5	*m*	...
*	+26·357	+40·263	1·30	45.9113	9·4
...	26·374	+49·234	1·00	45.9112	10·1
...	26·408	+50·059	− 5	...	...
*	26·410	+13·197	1·20	45.9114	9·4
...	26·543	+36·153	− 4	...	...
671					
...	+26·605	−44·726	0·85	46.9135	10·1
...	26·712	−45·124	− 4	*a*	...
...	27·058	+56·525	1·00	45.9115	10·1
...	27·134	+47·877	− 5	...	...
...	27·148	+55·847	− 5	...	...
...	+27·214	+ 3·680	− 1	45.9116	10·1
...	27·275	+28·240	− 5	...	...
N *	27·463	+34·173	1·00	...	...
...	27·609	−21·042	0·90	46.9136	10·1
*	27·613	−23·279	1·60	46.9137	9·0
681					
...	+27·699	−14·125	0·90	...	...
S *	27·885	+ 4·734	3·80	45.9117	7·7
...	27·893	−21·496	− 5	*m*	...
...	27·936	+30·906	− 2	...	...
...	28·174	+43·756	− 5	...	...
...	+28·228	+13·972	− 3	...	...
...	28·264	+ 6·671	1·10	45.9118	9·6
...	28·368	+36·153	− 5	...	...
...	28·407	+42·550	− 4	...	...
...	28·478	−46·586	− 5	*m*	...
691					
...	+28·501	− 5·177	− 4	*m*	...
†	28·740	−24·983	0·65	...	...
...	28·760	−27·518	− 1	...	...
...	29·075	+44·628	− 3	...	...
...	29·255	+ 2·711	− 1	...	...
...	+29·866	−44·661	− 5	*m*	...
...	29·887	+11·987	− 4	...	...
†	29·896	− 5·132	− 1	46.9138	10·1
...	29·991	−56·960	− 3	...	...
...	30·134	−55·719	− 3	...	...
701					
...	+30·187	+31·970	0·85	45.9119	9·8
...	30·234	−51·877	0·85	46.9139	10·0
...	30·258	+42·504	0·80	...	...
...	30·455	+ 2·928	− 4	...	...
...	30·484	−43·001	− 2	...	...
...	+30·567	−58·280	− 4	*b*	...
...	30·618	+48·053	− 4	...	...
...	30·883	−13·912	− 5	*m*	...
...	31·361	+ 4·685	− 5	...	...
...	31·374	+27·586	− 5	...	...
711					
...	+31·553	−27·779	− 2	...	...
...	31·595	+20·155	− 2	...	...
*	31·805	−40·272	1·10	46.9140	9·3
...	32·069	+ 5·825	− 3	...	...
...	32·166	−49·256	0·70	...	...
...	+32·261	+32·246	0·75	45.9120	10·0
...	32·276	+39·283	0·75	...	...
...	32·360	+ 2·273	− 5	...	...
...	32·448	+21·456	− 2	...	...
...	32·538	−45·613	− 4	*a*	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−3.	No.	Mag.
721–780					
721	′	′		°	
...	+32·764	−41·994	− 2	...	...
...	32·785	+40·014	− 5	*m*	...
...	32·996	+13·367	− 3	...	...
...	33·016	−21·658	− 2	...	...
*	33·285	− 2·329	2·00	46.9141	8·8
...	+33·324	+36·410	− 5	...	...
...	33·488	−23·495	− 3	...	...
*	33·509	−58·334	1·60	46.9142	8·9
...	33·722	−44·665	− 5	*m*	...
...	33·804	−21·012	− 1	...	...
731					
...	+33·935	+51·391	0·90	45.9121	9·8
...	33·994	− 2·852	− 4	*m*	...
...	34·085	−45·204	− 4	*a*	...
...	34·255	−34·364	− 1	...	...
...	34·689	+57·488	− 3	...	...
...	+34·852	−28·821	− 5	*m*	...
*	34·894	−57·923	1·00	46.9143	9·6
...	34·959	−25·447	− 4	*m*	...
...	35·013	+24·207	− 2	...	...
...	35·027	+41·247	− 4	...	...
741					
*	+35·040	−34·683	0·90	46.9144	9·8
...	35·122	−59·119	− 5	*m*	...
...	35·133	+17·565	− 4	...	...
...	35·159	−45·818	− 4	*b*	...
...	35·502	+37·933	− 3	...	...
...	+35·710	+28·152	− 4	...	...
†	35·962	+24·825	− 5	...	...
...	36·006	+43·553	− 4	...	...
...	36·050	+30·593	− 3	...	...
...	36·241	+12·770	− 3	...	...
751					
...	+36·327	−20·946	0·90	46.9145	9·8
...	36·340	−28·806	− 5	*m*	...
...	36·382	+ 7·909	− 2	...	...
...	36·397	−59·517	− 3	*a*	...
...	36·697	− 9·026	− 4	*m*	...
...	+36·786	−13·196	− 3	...	...
...	36·799	+50·012	− 2	...	...
...	36·874	+ 3·602	− 3	...	...
...	36·994	+49·018	− 5	...	...
...	37·003	+37·748	0·70	...	...
761					
...	+37·041	+30·955	− 2	...	...
...	37·057	−19·733	− 3	...	...
...	37·190	+30·947	− 2	...	...
...	37·377	+55·005	− 5	...	...
...	37·494	+ 3·834	− 3	...	...
...	+37·687	−43·803	− 5	*m*	...
...	37·919	+ 9·460	0·95	45.9122	9·8
*	38·443	+40·007	0·95	45.9123	9·6
...	38·575	+16·528	− 4	...	...
...	38·597	+52·817	− 4	...	...
771					
...	+38·609	+ 6·012	0·65	...	...
...	38·616	+25·840	− 4	...	...
...	38·747	−24·949	− 4	*m*	...
...	38·951	−10·016	− 4	*m*	...
...	38·958	+53·627	− 4	...	...
...	+39·102	+30·928	− 4	...	...
...	39·272	− 4·568	− 4	*m*	...
...	39·391	+43·558	− 5	...	...
...	39·396	−30·969	− 4	*m*	...
...	39·464	+36·321	− 5	...	...

678. Var. L=9·5−11·5.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
781–840					
781					
...	+39·515	+43·646	− 3	...	...
...	39·624	+ 2·613	− 1	...	...
‡	39·690	+ 1·472	5·70	45.9124	6·7
...	39·846	−28·328	− 4	*m*	...
...	39·931	−17·052	− 2	...	...
...	+40·300	+20·557	− 5	...	...
...	40·408	+22·869	− 4	...	...
...	40·448	−38·337	− 5	*m*	...
...	40·478	−20·517	0·85	46.9146	10·1
...	40·671	−19·645	− 5	*m*	...
791					
...	+40·698	− 5·790	− 2	...	...
...	40·921	−40·226	− 5	*m*	...
...	40·993	+58·908	− 4	...	...
...	41·266	− 2·676	− 1	46.9147	10·1
...	41·313	−39·852	0·90	...	...
...	+41·416	+28·829	0·75	...	...
S *	41·420	−39·244	1·25	46.9148	9·2
...	41·430	+ 9·647	− 5	...	...
...	41·674	−30·812	0·80	46.9151	10·1
*	41·769	−11·465	1·40	46.9149	9·4
801					
...	+41·782	−32·669	− 3	...	...
...	41·827	− 1·445	1·00	46.9150	10·0
...	41·876	− 3·708	− 5	*m*	...
...	41·958	−42·917	− 2	...	...
...	42·063	+28·024	− 4	...	...
†	+42·267	+19·769	0·95	...	...
...	42·284	+31·898	− 5	...	...
...	42·379	−18·549	0·70	...	...
*	42·406	+47·885	1·20	45.9125	9·4
*	42·413	+ 1·524	1·00	45.9126	9·8
811					
...	+42·633	+36·703	− 5	...	...
*	42·760	−52·621	1·00	46.9152	10·0
...	43·139	−31·363	− 3	...	...
*	43·183	+29·375	1·00	45.9128	9·6
...	43·192	+29·565	0·90	45.9127	9·8
...	+43·394	+52·824	− 5	...	...
...	43·421	−59·173	− 5	*e*	...
...	43·422	−41·892	− 3	*e*	...
...	43·491	+38·385	0·80	...	...
...	43·724	+23·987	− 5	...	...
821					
*	+43·955	−51·681	1·90	46.9153	8·8
...	44·342	−32·548	− 3	...	...
...	44·390	+36·002	− 2	...	...
*	44·401	−58·855	1·15	46.9154	9·8
...	44·484	+51·519	0·80	...	...
...	+44·582	−39·286	− 2	...	...
†	44·706	+38·043	0·80	...	...
†	44·783	−53·683	0·80	46.9155	10·1
*	45·160	−46·813	1·35	46.9157	9·4
...	45·391	+25·027	0·75	...	...
831					
*	+45·511	− 4·382	3·00	46.9156	8·4
...	45·566	+ 0·426	− 1	...	...
n	46·258	+58·459	− 4	45.9129	10·0
*	46·281	+31·771	1·00	45.9130	9·6
n	46·362	+58·554	− 4	45.9129	10·0
...	+46·517	− 3·648	− 5	*e*	...
...	46·590	+13·688	− 4	...	...
*	46·658	+13·561	1·00	45.9131	9·6
...	46·875	+52·056	− 5	...	...
*	46·887	−46·316	1·35	46.9158	9·2
841–900					
841					
...	+46·994	−31·489	0·95	46.9159	10·1
...	47·065	−30·954	− 5	*e*	...
*	47·135	+12·874	1·25	45.9132	9·5
*	47·138	−14·682	1·05	46.9160	9·6
...	47·231	+30·087	− 4	...	...
...	+47·326	−29·463	− 4	*e*	...
...	47·344	+26·731	1·00	45.9133	10·0
*	47·756	− 1·379	1·00	46.9161	9·6
...	47·869	− 0·382	− 2	*e*	...
...	47·999	−55·643	0·95	...	...
851					
...	+48·282	+ 1·022	− 4	...	...
...	48·377	+34·933	0·90	45.9135	10·1
...	48·502	−16·920	− 5	*e*	...
...	48·514	+22·355	− 5	...	...
...	48·524	+54·942	− 2	...	...
...	+48·564	+31·491	− 5	...	...
...	48·582	+58·255	− 5	...	...
...	48·625	− 3·476	− 4	*e*	...
...	49·133	+58·253	− 5	...	...
...	49·299	+24·030	0·65	...	...
861					
...	+49·329	−22·898	− 5	*m*	...
...	49·473	+49·913	− 5	...	...
...	49·505	−59·872	1·00	46.9162	10·0
...	49·518	+28·307	− 5	...	...
...	49·597	−21·267	− 4	*e*	...
...	+49·651	− 4·525	− 4	*e*	...
†	49·676	−28·948	0·70	...	...
‡	49·769	+59·177	1·00	45.9136	9·6
...	50·270	+38·229	− 5	...	...
...	50·486	+ 7·621	− 4	...	...
871					
...	+50·589	− 9·551	− 3	*e*	...
†	50·653	−25·003	− 2	...	...
...	51·006	+30·257	0·80	45.9137	10·0
*	51·041	−45·589	1·00	46.9163	9·6
...	51·053	−44·461	− 3	*e*	...
...	+51·344	−38·949	− 4	*e*	...
...	51·406	+ 2·958	− 3	...	...
...	51·434	+19·999	− 3	...	...
...	51·494	−23·653	− 4	*e*	...
...	51·541	−36·079	− 5	*m*	...
881					
*	+51·555	−17·630	0·90	46.9164	10·0
...	51·713	−11·309	− 4	*e*	...
...	51·785	+49·615	0·90	45.9138	10·0
...	51·787	+38·163	− 5	...	...
...	51·816	−32·062	− 5	*e*	...
...	+51·868	+38·941	− 5	...	...
...	52·000	−32·601	0·65	46.9165	10·1
...	52·112	−58·735	− 5	*e*	...
...	52·114	− 4·502	− 5	*m*	...
*	52·130	−17·793	1·30	46.9166	9·2
891					
N [	+52·152	+26·721	− 1	45.9139	10·1
...	52·252	−21·769	− 5	*e*	...
...	52·377	+16·546	− 1	...	...
...	52·406	−59·436	− 2	...	...
...	52·411	− 5·721	− 3	*e*	...
*	+52·474	−36·466	1·80	46.9167	8·9
... [	52·631	+27·620	0·85	45.9140	9·6
	52·673	+27·673	− 1		
†	52·820	+54·730	− 5	...	...
...	52·884	−18·267	− 2	...	...
901–950					
901					
...	+52·894	− 0·207	− 2	*f*	...
*	52·977	−34·372	0·90	46.9168	9·6
...	53·091	−19·331	− 4	*e*	...
*	53·096	−58·324	1·60	46.9169	9·2
...	53·257	−21·758	0·70	...	...
...	+53·350	−12·889	− 2	...	...
...	53·372	−39·739	− 4	*e*	...
†	53·376	+14·827	− 5	...	...
...	53·430	+ 9·139	0·65	...	...
...	53·612	−18·334	− 3	*e*	...
911					
...	+53·752	+13·144	− 1	...	...
*	53·995	+ 5·743	0·90	45.9141	9·6
...	54·368	−11·797	− 2	...	...
...	54·501	+39·821	− 4	...	...
...	54·703	+40·893	− 5	...	...
...	+54·872	+11·107	− 2	...	...
*	55·005	+19·377	0·85	45.9142	10·0
...	55·038	−54·422	− 3	...	...
...	55·159	−22·405	− 5	*e*	...
...	55·282	−43·113	− 2	...	...
921					
...	+55·315	−18·191	− 4	*e*	...
...	55·519	+15·329	0·80	45.9143	10·1
*	55·741	+16·111	1·40	45.9144	9·0
...	55·817	−44·929	− 5	*e*	...
...	56·082	− 5·622	− 5	*e*	...
*	+56·166	− 7·590	0·95	46.9170	10·0
*	56·421	+29·116	1·00	45.9146	9·4
...	56·430	−58·078	− 4	*e*	...
*	56·455	+43·437	1·80	45.9145	9·0
...	56·662	−39·934	− 1	*e*	...
931					
...	+56·709	+49·650	− 5	...	...
...	57·169	+12·343	− 5	...	...
...	57·350	−29·117	− 1	...	...
...	57·611	−39·882	− 4	*e*	...
...	57·660	+ 6·590	− 5	...	...
...	+57·684	+30·407	− 4	...	...
...	57·704	− 3·092	0·70	...	...
...	57·836	+52·297	− 5	...	...
...	57·905	−49·680	− 2	...	...
...	58·196	−41·986	− 4	*e*	...
941					
...	+58·480	−24·136	− 2	...	...
...	58·586	−54·867	− 1	...	...
...	58·609	− 0·604	0·90	46.9171	10·0
*	58·790	−43·686	1·80	46.9172	8·8
S *	58·955	+18·066	2·35	45.9147	8·4
...	+58·970	−33·129	− 4	*e*	...
*	59·129	+20·131	1·00	45.9148	9·6
...	59·326	+49·965	− 1	...	...
...	59·631	+49·827	− 3	...	...
...	59·640	−30·969	− 5	*e*	...

833, 835. C.P.D., mass.
891. Mass. 45°·109, mass; 46°·110, two stars.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1–60					
1	′	′		°	
†	−59·825	−52·888	1·00	46.9152	10·0
†	59·804	+58·250	− 3	45.9129	10·0
...	59·715	+58·351	− 2		
...	59·628	+24·808	− 1	...	...
...	59·515	−42·151	− 4	E	...
...	−58·969	−59·408	− 5	E	...
*	58·962	+31·584	1·00	45.9130	9·6
...	58·888	−32·774	− 4	...	...
...	58·685	+ 0·219	− 1	...	...
*	58·660	−51·916	2·00	46.9153	8·8
11					
*	−58·582	− 4·590	3·00	46.9156	8·4
...	58·430	−39·507	− 3	...	...
‡	58·152	+59·738	1·20	45.9134	9·6
...	58·083	+13·512	− 5	...	...
*	58·002	−59·084	1·25	46.9154	9·8
*	−57·997	+13·377	1·05	45.9131	9·6
†	57·954	+29·944	− 5	...	...
...	57·774	−53·892	1·00	46.9155	10·1
...	57·736	+26·580	1·00	45.9133	10·0
...	57·615	− 3·821	− 5	E	...
21					
*	−57·614	−47·020	1·40	46.9157	9·4
*	57·498	+12·714	1·20	45.9132	9·5
...	57·465	+58·118	− 5	...	...
†	57·429	+54·816	− 4	...	...
...	56·946	+34·808	0·80	45.9135	10·1
...	−56·925	+58·132	− 5	...	...
...	56·700	− 2·261	− 5	M	...
...	56·667	+31·372	− 5	...	...
*	56·641	−14·827	1·10	46.9160	9·6
*	56·442	− 1·510	1·05	46.9161	9·6
31					
...	−56·365	− 0·517	− 2	E	...
...	56·315	+59·095	1·20	45.9136	9·6
...	56·270	−31·637	1·00	46.9159	10·1
...	56·207	−31·101	− 5	E	...
...	55·994	−29·602	− 4	E	...
...	−55·984	+ 0·899	− 3	...	...
*	55·904	−46·462	1·80	46.9158	9·2
...	55·678	+23·928	− 1	...	...
...	55·620	+28·224	− 5	...	...
...	55·513	− 3·580	− 2	E	...
41					
...	−55·220	−17·035	− 5	E	...
...	54·507	−55·744	− 1	...	...
...	54·449	− 4·592	− 4	E	...
...	54·183	+30·212	1·00	45.9137	10·0
...	54·007	+49·594	1·05	45.9138	10·0
...	−53·993	+ 7·571	− 4	...	...
...	53·985	−21·338	− 5	E	...
...	53·664	−29·008	− 2	...	...
†	53·432	+19·974	− 4	...	...
...	53·341	− 9·593	− 4	E	...
51					
...	−53·137	+54·720	− 5	...	...
...	52·943	+ 2·925	− 3	...	...
N [	52·920	+26·705	− 3	45.9139	10·1
N [	52·912	+26·733	− 2		
...	52·803	−25·049	− 4	...	...
... [	−52·470	+27·634	1·00	45.9140	9·6
... [	52·443	+27·675	0·90		
...	52·382	+16·549	0·85	...	...
...	52·164	−11·321	− 5	E	...
*	52·132	−17·639	1·00	46.9164	10·0
61–120					
61	′	′		°	
...	−52·005	−23·664	− 4	E	...
...	51·800	−44·478	− 5	E	...
*	51·769	−45·605	1·10	46.9163	9·6
...	51·679	−38·951	− 5	E	...
...	51·654	− 5·712	− 4	E	...
*	−51·555	−17·793	1·30	46.9166	9·2
...	51·429	−32·058	− 5	E	...
...	51·347	− 0·180	− 2	F	...
...	51·317	−21·760	− 5	E	...
...	51·226	−32·596	0·95	46.9165	10·1
71					
...	−51·110	+ 9·176	0·85	...	...
...	51·039	− 4·653	− 5	M	...
†	50·993	+39·859	− 5	...	...
...	50·904	+13·192	0·75	...	...
...	50·794	−18·238	− 3	...	...
*	−50·629	−36·435	2·00	46.9167	8·9
...	50·553	−19·290	− 5	E	...
...	50·507	−12·845	0·70	...	...
*	50·433	+ 5·801	1·15	45.9141	9·6
...	50·316	−21·713	0·90	...	...
81					
...	−50·288	−58·716	− 5	E	...
*	50·193	−34·330	1·00	46.9168	9·6
...	50·049	−18·278	− 5	E	...
†	49·957	−59·406	− 1	...	...
†	49·830	+19·464	0·90	45.9142	10·0
...	−49·715	+11·188	0·65	...	...
...	49·630	−39·677	− 4	E	...
...	49·511	−11·709	− 1	...	...
...	49·340	+57·628	− 4	...	...
*	49·315	−58·259	1·80	46.9169	9·2
91					
...	−49·199	+15·428	0·75	45.9143	10·1
*	49·136	+43·549	1·60	45.9145	9·0
...	49·084	+49·772	− 5	...	...
*	48·985	+16·221	1·20	45.9144	9·0
...	48·859	+53·031	− 5	M	...
*	−48·726	+29·251	1·20	45.9146	9·4
...	48·379	−22·301	− 4	E	...
...	48·365	−18·081	− 4	E	...
...	48·043	+52·457	− 4	...	...
...	47·969	− 5·496	− 5	E	...
101					
...	−47·833	− 7·470	0·90	46.9170	10·0
...	47·623	−42·993	− 2	...	...
...	47·523	+30·577	− 3	...	...
...	47·508	−54·308	− 1	...	...
...	47·457	+12·502	− 4	...	...
...	−47·028	−44·804	− 4	E	...
...	46·469	+50·179	− 1	...	...
...	46·449	− 2·919	− 1	...	...
...	46·329	−39·776	− 1	E	...
...	46·161	+50·036	− 3	...	...
111					
...	−46·093	− 9·915	− 5	M	...
...	45·993	−28·937	− 1	...	...
...	45·991	−57·922	− 3	E	...
...	45·960	+42·574	− 5	...	...
S *	45·845	+18·266	2·60	45.9147	8·4
*	−45·747	+20·350	1·00	45.9148	9·6
...	45·616	− 0·400	0·90	46.9171	10·0
...	45·419	+55·035	− 5	...	...
...	45·384	−39·701	− 4	E	...
...	45·324	+34·132	− 3	...	...
121–180					
121	′	′		°	
...	−45·299	+42·938	− 5	...	...
*	45·287	+30·981	1·70	45.9149	8·9
...	45·191	−27·033	− 5	M	...
...	45·103	+43·965	− 4	...	...
...	45·022	−23·929	− 1	...	...
...	−44·991	+23·138	− 4	...	...
†	44·902	+22·948	− 4	...	...
...	44·782	−49·474	− 1	...	...
...	44·746	−41·771	− 4	E	...
*	44·741	+16·144	1·30	45.9150	9·2
131					
...	−44·558	+ 5·841	− 4	...	...
...	44·251	−32·891	− 4	E	...
*	44·165	+39·228	1·00	45.9153	9·6
*	44·095	+ 1·057	1·00	45.9151	9·6
*	44·076	−43·445	1·80	46.9172	8·8
...	−44·064	+ 2·058	0·90	45.9152	9·6
...	44·007	+30·639	− 3	...	...
...	43·948	−54·636	− 1	...	...
...	43·875	+47·338	− 4	...	...
...	43·661	−10·413	− 4	M	...
141					
...	−43·649	+ 6·602	− 5	...	...
...	43·639	−30·715	− 4	E	...
...	43·594	+19·411	− 5	...	...
...	43·468	+32·294	− 1	...	...
...	43·443	+19·011	0·65	...	...
...	−43·427	+33·925	− 5	...	...
...	43·340	− 5·544	− 5	M	...
...	43·091	+56·325	− 4	...	...
...	42·843	−18·991	− 5	M	...
...	42·772	+36·452	− 2	...	...
151					
...	−42·765	−40·096	− 4	M	...
...	42·706	+42·887	− 2	...	...
...	42·594	+29·736	0·70	45.9154	10·1
...	42·342	+34·238	0·75	45.9155	10·1
...	41·838	+21·976	0·75	...	...
...	−41·818	−15·330	0·70	...	...
*	41·761	+56·196	1·00	45.9156	9·8
...	41·704	− 5·164	− 4	M	...
...	41·592	+30·112	− 1	...	...
...	41·509	+50·342	− 5	...	...
161					
...	−41·385	+ 2·638	− 5	...	...
...	41·377	+10·199	− 4	...	...
...	41·187	−37·887	− 4	M	...
...	41·175	−20·647	− 1	...	...
...	41·116	+20·914	− 5	...	...
*	−41·066	−44·212	1·60	46.9173	9·0
...	40·827	+29·700	− 3	...	...
...	40·779	− 2·373	0·70	...	...
...	40·587	+36·320	− 1	...	...
...	40·534	+41·245	− 5	...	...
171					
*	−40·429	+37·711	1·50	45.9158	9·2
...	40·356	− 0·105	− 4	F	...
...	40·300	+ 7·467	− 1	...	...
...	40·250	+26·408	− 5	...	...
...	40·210	+ 7·059	0·75	45.9157	10·0
...	−40·091	+17·394	− 5	...	...
...	39·786	+15·310	− 5	...	...
...	39·706	−35·587	− 5	M	...
...	39·525	+28·920	− 5	...	...
...	39·235	+ 3·233	1·00	45.9159	10·1

L measured from 1, 177, 338, 505, 665, 826.
MC „ „ 85, 261, 434, 584, 756, 893.

53, 54. 45°·109, 46°·109, mass.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
181–240					
181				°	
...	−39·025	+26·823	− 3	...	...
...	38·979	+25·077	− 5	...	...
...	38·964	+10·044	− 4	...	...
...	38·795	−37·044	1·00	46.9174	10·0
...	38·762	−20·139	0·95	...	...
...	−38·647	+56·874	− 5	...	...
...	38·571	−34·276	− 5	M	...
...	38·478	−30·471	− 5	M	...
†	38·109	− 0·057	− 5	F	...
...	37·976	−12·254	0·90	46.9176	10·1
191					
*	−37·935	−20·347	4·00	46.9175	7·4
...	37·827	+40·597	− 5	M	...
...	37·418	−13·922	− 2	...	...
...	37·315	−25·264	− 5	M	...
...	37·249	−45·081	− 4	M	...
S *	−37·174	+58·814	1·90	45.9160	8·9
...	37·048	+19·518	− 4	...	...
*	36·724	−50·391	1·10	46.9177	9·6
...	36·375	+57·538	− 1	...	...
*	36·263	+15·865	2·00	45.9161	9·0
201					
...	−36·009	+34·125	− 3	...	...
...	35·966	+21·116	− 5	...	...
...	35·827	+20·353	− 4	...	...
...	35·812	+27·577	− 5	...	...
...	35·771	−50·129	− 5	M	...
...	−35·660	−19·501	− 5	M	...
...	35·402	−32·235	− 4	M	...
...	35·149	+22·473	− 3	...	...
†	34·992	+20·791	− 5	...	...
...	34·775	+37·221	− 2	...	...
211					
*	−34·600	−39·641	1·00	46.9178	9·8
...	34·480	−29·293	− 5	M	...
...	34·263	+11·316	− 4	...	...
...	34·205	−43·685	− 4	M	...
...	34·178	− 4·367	− 4	...	...
...	−33·788	+55·321	− 3	...	...
...	33·761	+10·304	− 5	...	...
*	33·658	− 0·370	1·10	46.9179	9·6
...	33·316	+10·538	− 4	...	...
...	33·151	− 2·580	0·90	46.9180	10·0
221					
...	−32·985	+ 1·072	− 5	...	...
...	32·909	+28·003	− 5	...	...
...	32·758	+24·364	− 2	...	...
*	32·628	+ 1·378	1·20	45.9162	9·4
...	32·613	+25·758	− 4	...	...
...	−32·440	+57·343	1·00	45.9164	10·1
*	32·399	+26·653	1·05	45.9163	9·6
...	32·294	−13·893	− 5	M	...
*	32·190	+53·303	1·10	45.9165	9·6
...	32·186	+38·489	0·85	...	...
231					
...	−32·179	+56·902	1·05	45.9166	10·0
*	32·167	−39·518	2·00	46.9182	8·9
...	32·152	− 3·813	− 2	...	...
...	32·121	−58·979	1·00	46.9181	10·1
...	32·073	+ 2·385	− 4	...	...
...	−32·018	+55·026	− 5	...	...
...	32·014	−33·164	− 5	M	...
*	31·946	−48·719	1·10	46.9183	9·6
...	31·772	−29·496	− 4	M	...
...	31·651	−46·375	− 4	M	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
241–300					
241				°	
...	−31·628	+41·446	0·95	...	...
...	31·472	+42·329	− 4	...	...
...	31·375	−46·159	− 5	M	...
...	31·333	+22·818	− 4	...	...
*	31·091	−50·347	1·00	46.9184	9·8
*	−31·001	+30·020	1·00	...	...
*	30·888	−19·185	1·00	46.9186	9·6
...	30·855	+57·442	− 5	...	...
*	30·847	+35·516	1·00	45.9167	9·6
N * [	30·822	−30·993	2·70	46.9185	8·8
251					
...	−30·643	+38·749	− 5	...	...
...	30·418	− 9·291	0·80	...	...
...	30·353	+58·215	− 5	...	...
n	30·281	−27·551	0·75	46.9187	10·1
*	30·244	− 1·968	1·05	46.9188	9·6
...	−30·243	+28·915	− 5	...	...
n	30·193	−27·541	0·85	46.9187	10·1
...	30·184	−46·238	− 5	M	...
*	30·056	+37·573	1·05	45.9168	9·6
...	30·053	−18·685	− 5	M	...
261					
*	−29·495	+43·532	1·10	45.9169	9·6
...	29·468	−33·786	− 5	M	...
...	29·463	− 8·245	− 1	...	...
*	29·442	+49·291	1·00	45.9171	9·8
*	29·385	+35·952	1·80	45.9170	9·0
...	−29·355	− 1·043	− 5	M	...
...	29·337	+24·630	− 3	...	...
...	29·256	−51·901	− 1	...	...
...	29·223	+53·954	− 5	...	...
...	29·008	+28·148	− 1	...	...
271					
...	−28·758	+37·152	0·90	45.9172	10·0
...	28·615	− 1·290	− 3	B	...
...	28·572	−16·649	− 2	...	...
...	28·567	− 3·380	− 4	M	...
...	28·403	− 3·122	− 1	...	...
...	−28·336	−20·952	− 4	M	...
...	28·327	−35·748	− 4	M	...
...	28·262	+13·071	− 1	...	...
...	28·198	+ 0·729	− 4	...	...
*	28·100	+31·384	1·20	45.9173	9·4
281					
...	−28·043	−21·042	0·90	46.9189	9·8
...	27·919	−48·766	− 3	A	...
S *	27·876	+22·588	3·00	45.9174	8·3
...	27·854	−57·081	− 4	M	...
...	27·825	+20·040	− 1	...	...
...	−27·792	+59·262	0·80	45.9175	10·1
...	27·719	− 4·565	− 5	M	...
...	27·489	+ 8·678	− 2	...	...
...	27·258	+30·532	− 4	...	...
...	26·985	−23·432	− 5	M	...
291					
...	−26·873	+39·495	− 4	...	...
...	26·843	+43·899	0·85	45.9176	10·1
...	26·827	+11·663	− 3	...	...
...	26·660	−10·483	− 3	...	...
...	26·526	+52·401	− 5	...	...
...	−26·428	+56·179	0·80	45.9177	10·1
...	26·416	+ 3·970	− 3	...	...
...	26·220	+37·805	− 4	...	...
*	26·093	−11·725	2·20	46.9190	8·8
...	25·873	+45·037	0·75	45.9178	10·1

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
301–360					
301				°	
...	−25·747	−38·989	− 5	M	...
...	25·709	+30·543	− 3	...	...
...	25·583	−45·912	− 1	...	...
...	25·450	+30·245	− 3	...	...
...	25·100	+16·915	− 4	...	...
...	−25·046	+30·776	− 4	...	...
...	24·824	+53·964	− 4	...	...
...	24·733	+18·927	0·90	45.9179	9·8
...	24·510	+ 5·196	0·90	45.9180	10·0
*	24·205	+45·847	0·90	45.9181	10·0
311					
...	−24·103	−55·237	− 3	...	...
...	24·094	+38·179	0·70	...	...
...	24·001	+44·789	− 3	...	...
...	23·850	−20·859	0·85	46.9191	9·8
...	23·847	+41·028	0·90	45.9182	10·0
...	−23·842	−35·249	− 3	A	...
...	23·592	−19·677	− 5	M	...
...	23·538	− 9·273	− 4	...	...
...	22·915	+ 9·367	− 2	...	...
*	22·903	−45·702	1·00	46.9192	9·6
321					
*	−22·864	− 7·839	1·20	46.9195	9·4
*	22·840	−51·428	1·80	46.9193	8·9
...	22·685	−21·649	− 2	...	...
*	22·555	−42·658	1·60	46.9194	9·2
...	22·465	+28·409	− 5	...	...
...	−21·542	−16·863	0·95	46.9196	9·8
...	21·276	−35·922	− 3	A	...
...	21·210	+30·084	− 5	...	...
...	21·204	+10·442	− 3	...	...
...	21·029	−10·667	− 5	M	...
331					
...	−20·845	+ 7·446	− 5	...	...
...	20·800	−31·714	− 2	...	...
...	20·540	+31·390	− 5	...	...
...	20·486	+28·101	0·90	45.9184	10·1
...	20·425	−22·388	− 3	...	...
...	−20·319	−55·207	− 1	...	...
*	20·265	+ 4·753	1·00	45.9183	9·6
*	19·715	+54·703	1·00	45.9185	10·0
...	19·701	−13·396	− 5	M	...
...	19·698	+58·092	− 4	...	...
341					
...	−19·586	+24·359	− 4	...	...
...	19·545	+ 1·691	− 4	...	...
...	19·524	−22·525	− 4	...	...
...	19·497	−52·021	− 4	M	...
...	19·192	−53·893	− 2	...	...
...	−18·945	−53·856	− 5	M	...
...	18·637	+47·680	− 5	...	...
...	18·573	+ 7·745	− 5	...	...
...	18·572	−45·094	− 5	M	...
*	18·239	−17·875	1·10	46.9197	9·6
351					
...	−18·119	+29·811	0·85	...	...
...	18·108	+49·660	− 5	...	...
...	18·060	+38·069	− 5	...	...
...	17·950	−53·852	0·80	...	...
...	17·882	+55·112	− 5	...	...
*	−17·724	+40·242	1·10	45.9186	9·5
...	17·700	+47·475	1·00	45.9187	10·1
*	17·596	−49·009	1·05	46.9198	9·6
...	17·479	−45·558	− 5	M	...
...	17·220	−37·612	− 5	M	...

250. Mass. 47°·109, two stars.

254, 257. C.P.D., mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
361–420					
361	′	′		°	
…	−17·212	−17·907	− 5	…	…
…	17·195	−46·741	− 4	M	…
*	17·152	+17·036	1·00	45.9188	9·8
…	17·120	−38·820	− 4	…	…
…	17·079	−26·098	− 4	M	…
…	−17·064	−39·330	− 5	M	…
…	17·057	−24·845	− 4	M	…
…	16·832	− 0·145	− 5	M	…
…	16·645	+18·473	− 5	…	…
…	16·296	+31·848	− 5	…	…
371					
*	−16·261	+47·073	1·15	45.9189	9·4
…	16·144	+52·193	1·00	45.9190	10·0
…	16·035	−16·576	− 3	…	…
…	15·841	−16·174	− 4	M	…
…	15·810	−52·089	− 3	…	…
…	−15·787	−47·448	0·65	…	…
…	15·713	−38·396	− 4	M	…
…	15·689	− 7·467	− 5	M	…
…	15·565	+57·584	− 4	…	…
*	15·513	−34·541	1·80	46.9199	8·9
381					
…	−15·440	+56·533	0·95	…	…
…	15·420	−45·926	− 4	M	…
…	15·310	−36·205	− 5	M	…
†	15·047	+53·067	− 5	…	…
†	15·023	−51·434	− 4	…	…
†	−14·987	−43·845	− 5	M	…
†	14·888	+19·983	− 1	45.9191	10·1
…	14·858	+22·834	− 5	…	…
…	14·708	− 5·571	− 5	M	…
…	14·627	+28·809	− 5	…	…
391					
…	−14·608	−20·740	− 2	46.9200	10·1
…	14·277	+27·024	− 5	…	…
…	14·185	+ 8·058	− 2	…	…
…	14·108	−11·520	− 5	M	…
…	13·689	+38·512	− 3	…	…
…	−13·627	+20·328	− 5	…	…
…	13·622	+43·454	0·90	…	…
*	13·533	+32·633	1·00	45.9193	9·6
…	13·525	−48·193	0·90	46.9201	10·1
*	13·390	+16·087	1·70	45.9192	9·2
401					
…	−13·358	+26·519	− 2	…	…
…	13·015	+24·565	− 1	…	…
…	12·976	+58·637	− 5	…	…
…	12·950	+ 0·863	− 5	…	…
…	12·907	+36·386	− 3	…	…
*	−12·907	− 3·336	4·00	46.9202	7·8
*	12·605	− 8·402	1·90	46.9203	9·0
…	12·416	−32·768	− 5	M	…
*	12·370	+44·405	1·05	45.9194	9·6
…	12·323	−46·160	− 5	M	…
411					
…	−11·983	−44·163	0·90	…	…
*	11·920	−17·537	1·00	46.9204	10·0
…	11·764	+40·689	− 4	…	…
…	11·671	−46·040	0·85	…	…
…	11·634	−43·774	− 5	M	…
…	−11·522	+51·739	− 4	…	…
…	11·370	− 2·458	0·90	46.9206	10·0
n	11·306	−39·770	0·65	46.9205	10·1
…	11·229	+28·395	− 5	…	…
n	11·172	−39·790	0·65	46.9205	10·1
421–480					
421	′	′		°	
…	−10·928	+22·971	− 3	…	…
†	10·904	+34·854	− 5	…	…
…	10·734	− 1·016	− 5	M	…
…	10·705	+12·986	− 5	…	…
…	10·642	−24·876	− 5	…	…
…	−10·631	+11·095	− 4	…	…
…	10·595	−27·753	− 5	M	…
…	10·567	−22·813	0·75	…	…
…	10·480	+38·872	− 5	…	…
S *	10·298	−35·147	3·25	46.9207	7·4
431					
…	−10·165	+31·636	− 4	…	…
…	10·120	+56·275	− 4	…	…
…	10·117	−59·812	− 5	M	…
…	9·846	−30·934	− 4	M	…
…	9·830	−46·757	− 5	M	…
…	− 9·686	−31·734	0·70	46.9209	10·1
…	9·673	+26·175	− 4	…	…
*	9·553	−28·957	1·10	46.9208	9·5
…	9·465	−42·034	− 3	A	…
*	9·452	+20·138	1·60	45.9195	9·3
441					
…	− 8·948	−28·175	− 5	M	…
…	8·817	+16·040	− 5	…	…
*	8·483	+13·924	1·10	45.9196	9·4
…	8·461	+43·252	− 3	…	…
…	8·313	+ 6·246	− 2	…	…
*	− 8·224	− 8·376	1·50	46.9210	9·2
…	8·207	+51·343	− 3	…	…
…	8·145	−43·766	− 2	M	…
…	8·114	−38·258	− 4	M	…
…	7·678	+51·053	− 3	…	…
451					
…	− 7·664	−45·694	− 3	…	…
…	7·659	−45·025	− 4	M	…
…	7·629	+57·252	0·70	…	…
…	7·573	+48·415	0·70	…	…
…	7·549	−47·593	− 3	…	…
…	− 7·508	−37·816	− 4	M	…
…	7·191	+19·585	− 5	…	…
…	6·743	+49·642	0·80	45.9197	10·1
…	6·708	−25·273	0·65	…	…
*	6·693	+46·589	1·00	45.9198	9·8
461					
…	− 6·636	− 8·189	− 5	M	…
…	6·591	+53·017	− 4	…	…
…	6·397	−30·964	− 3	…	…
*	6·155	−55·000	1·10	46.9211	9·6
…	5·966	−47·464	− 1	…	…
*	− 5·926	− 6·312	2·00	46.9212	8·9
…	5·712	−54·127	− 4	M	…
…	5·572	+23·969	− 1	45.9199	10·1
…	5·317	+46·599	− 1	…	…
*	5·276	−12·342	1·10	46.9214	9·6
471					
…	− 5·196	+25·699	− 4	…	…
*	5·195	−53·298	1·00	46.9213	9·6
…	5·142	−19·747	− 4	M	…
*	5·105	+16·014	1·60	45.9200	9·2
†	4·954	+41·985	0·80	45.9201	10·0
*	− 4·781	− 1·593	1·20	46.9215	9·6
…	4·741	−46·792	− 3	M	…
…	4·735	−16·813	− 5	M	…
…	4·628	−25·418	0·65	…	…
…	4·289	−59·120	− 4	M	…
481–540					
481	′	′		°	
…	− 4·174	−40·349	− 3	M	…
*	4·130	−51·236	1·30	46.9216	9·3
†	3·714	+44·921	− 3	…	…
…	3·698	−21·291	− 3	…	…
…	3·463	+41·635	− 4	…	…
…	− 3·280	+41·472	0·70	45.9202	10·1
…	3·140	−57·554	− 4	M	…
…	3·017	+23·488	− 5	…	…
…	2·990	−56·823	0·65	…	…
…	2·780	−24·634	− 5	M	…
491					
…	− 2·763	+54·582	− 5	…	…
…	2·446	−52·268	− 3	…	…
…	2·372	−16·008	− 1	…	…
…	2·253	+41·305	0·80	45.9203	10·1
…	1·740	−28·811	− 4	M	…
…	− 1·074	−18·652	− 5	M	…
…	0·973	− 3·199	− 4	M	…
…	0·954	−23·383	− 3	…	…
…	0·852	+49·235	− 3	…	…
…	0·632	+57·652	− 4	…	…
501					
…	− 0·621	−50·409	− 1	…	…
…	0·363	−28·657	− 3	…	…
…	0·182	+19·146	− 3	…	…
†	− 0·013	+58·521	− 4	…	…
…	+ 0·236	+43·453	0·95	…	…
…	+ 0·296	−27·299	0·70	…	…
…	0·300	+10·511	− 4	…	…
*	0·383	−47·089	1·00	46.9217	9·6
…	0·392	− 3·956	− 5	M	…
…	0·547	−37·085	− 4	M	…
511					
…	+ 0·587	− 3·219	1·00	46.9218	9·8
…	0·686	+27·296	− 4	…	…
…	0·778	+47·005	− 4	…	…
…	0·986	− 1·137	1·00	46.9219	9·6
…	1·008	−49·354	− 4	M	…
…	+ 1·093	−54·261	− 2	…	…
…	1·116	−32·614	− 2	M	…
…	1·292	−13·979	0·90	…	…
…	1·472	+28·458	− 5	…	…
…	1·562	+ 1·548	1·00	45.9204	9·6
521					
*	+ 1·682	+51·089	1·00	45.9205	9·4
…	1·743	−39·332	0·70	…	…
*	2·186	− 8·785	1·00	46.9220	9·6
…	2·264	−39·447	− 5	M	…
*	2·485	+32·296	1·05	45.9206	9·6
…	+ 2·655	−58·629	− 5	M	…
…	2·684	+44·382	0·70	…	…
…	2·963	+28·584	0·90	45.9207	10·0
*	3·207	−54·546	2·60	46.9221	8·6
…	3·220	+40·589	1·00	45.9208	10·1
531					
…	+ 3·807	+42·373	− 5	…	…
…	3·816	+21·155	− 5	…	…
…	3·947	−25·996	1·00	46.9222	10·0
…	3·958	−17·516	− 5	M	…
*	4·017	+51·705	1·15	45.9209	9·4
*	+ 4·129	+31·709	1·15	45.9210	9·4
…	4·249	+45·308	− 5	…	…
…	4·460	−51·483	− 5	M	…
…	4·659	+32·532	0·85	…	…
…	4·863	+37·732	− 5	…	…

418, 420. C.P.D., mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
541–600					
541	′	′		°	
...	+ 5·101	−47·971	− 5	M	...
...	5·147	+13·958	− 4	...	...
*	5·275	+35·949	1·20	45.9211	9·5
...	5·344	− 7·471	1·00	46.9223	9·8
...	5·560	−35·690	1·00	46.9224	10·0
S *	+ 5·663	+26·149	2·00	45.9212	8·8
...	5·693	− 8·818	− 5	M	...
...	6·036	−29·140	− 4	...	...
...	6·095	−50·811	0·90	...	...
...	6·114	+17·295	− 5	...	...
551					
...	+ 6·128	+46·150	− 2	...	...
...	6·132	+58·425	− 1	...	...
...	6·282	−49·790	1·00	46.9225	10·0
...	6·407	−15·490	0·70	46.9226	10·0
...	6·523	+57·853	− 5	...	...
...	+ 6·663	+37·965	1·00	45.9213	10·0
...	6·694	+45·012	− 5	...	...
...	6·737	+41·275	0·85	...	...
...	6·939	+ 6·213	− 4	...	...
*	6·990	− 6·807	2·00	46.9227	8·9
561					
...	+ 7·152	−31·188	1·00	46.9228	10·1
...	7·372	− 2·086	1·00	46.9229	9·8
...	7·450	+59·099	− 5	...	...
...	7·499	+ 3·317	0·65	...	...
...	7·560	+15·721	− 3	...	...
...	+ 7·677	+25·345	0·80	...	...
...	7·719	+39·484	− 3	...	...
...	7·807	−16·350	− 3	M	...
...	7·809	−44·846	− 4	M	...
†	7·854	−20·036	− 2	...	...
571					
...	+ 7·998	−59·793	− 5	M	...
...	8·171	+45·604	− 4	...	...
...	8·664	+21·434	− 4	...	...
...	8·832	−19·232	− 4	...	...
...	9·007	−55·819	− 3	...	...
...	+ 9·132	−35·957	− 5	...	...
...	9·151	+50·312	0·95	45.9214	10·1
...	9·195	− 5·864	− 4	...	...
...	9·223	+25·241	− 5	...	...
†	9·261	+39·802	− 2	...	...
581					
...	+ 9·458	−38·791	− 4	...	...
...	9·806	+55·514	− 2	...	...
...	9·889	+40·831	0·65	45.9215	10·1
†	9·999	+40·759	− 1		
*	10·205	+29·310	2·10	45.9216	8·8
...	+10·590	− 7·526	− 2	...	...
...	10·733	−15·896	− 2	...	...
...	10·828	− 2·160	− 4	...	...
...	10·957	−28·980	− 4	...	...
...	11·003	−21·158	− 5	...	...
591					
†	+11·064	− 0·035	− 3	...	...
...	11·136	− 2·128	− 4	...	...
...	11·477	−29·122	− 3	...	...
...	11·543	+50·695	0·90	45.9217	10·0
...	11·568	−51·452	− 1	...	...
...	+11·704	−10·521	− 4	...	...
...	11·726	+38·309	− 1	...	...
...	11·851	−58·054	− 1	...	...
...	12·422	−18·714	0·90	46.9230	10·0
...	12·495	−51·417	− 4	...	...
601–660					
601	′	′		°	
...	+12·500	− 6·058	− 2	...	...
...	12·508	−22·613	− 5	...	...
*	12·787	−34·541	1·10	46.9231	9·3
n	13·133	+43·842	− 1	45.9218	10·1
...	13·182	−21·380	− 2	...	...
n	+13·227	+43·877	− 3	45.9218	10·1
*	13·241	+ 8·957	0·95	45.9219	9·6
*	13·489	+31·368	1·00	45.9220	9·6
...	13·521	+43·687	− 5	...	...
...	13·722	−54·745	− 4	...	...
611					
...	+13·888	+38·029	0·80	...	...
...	13·904	+48·481	− 2	...	...
...	14·023	+ 2·275	− 2	...	...
...	14·087	−29·853	− 5	...	...
...	14·223	+ 4·122	− 4	...	...
*	+14·261	−35·118	1·40	46.9232	9·2
...	14·550	−52·431	0·90	46.9233	10·0
...	14·772	−55·606	− 1	...	...
*	14·784	− 2·571	2·20	46.9234	8·8
...	14·807	−56·013	− 1	...	...
621					
†	+14·858	+34·899	− 1	...	...
...	15·089	+22·569	− 3	...	...
*	15·142	−32·014	2·10	46.9235	8·8
...	15·172	+38·477	− 1	...	...
...	15·280	+26·443	0·85	45.9222	10·0
...	+15·317	−57·628	− 2	...	...
...	15·339	+35·004	− 4	...	...
...	15·521	+51·248	− 1	...	...
...	15·581	−36·889	0·85	46.9236	10·0
...	15·590	+ 6·327	− 2	...	...
631					
...	+15·633	+50·686	− 1	...	...
...	15·689	−43·658	0·65	...	...
...	15·714	−28·398	− 4	...	...
...	15·836	−38·457	− 4	...	...
...	15·882	+27·809	− 3	...	...
...	+16·004	−28·565	− 4	...	...
...	16·014	−31·058	− 1	46.9237	10·1
...	16·115	+47·044	0·75	...	...
*	16·185	+29·765	2·50	45.9223	8·7
...	16·254	+ 2·086	− 4	...	...
641					
*	+16·347	−40·476	1·60	46.9238	9·2
...	16·353	−16·220	− 5	...	...
†	16·465	−14·935	− 5	...	...
...	16·500	+55·202	− 4	...	...
*	16·731	+32·513	1·20	45.9224	9·6
*	+17·088	+ 4·835	1·60	45.9225	9·2
...	17·263	−12·179	− 3	...	...
...	17·578	−11·609	− 5	...	...
...	17·713	+36·374	− 5	...	...
...	17·717	+ 9·155	− 5	...	...
651					
...	+17·727	−29·540	− 3	...	...
*	17·888	−27·824	1·00	46.9239	9·6
...	18·097	+10·041	− 1	...	...
...	18·172	−58·437	− 2	...	...
...	18·176	+47·918	− 1	...	...
...	+18·343	− 9·824	− 3	...	...
...	18·347	+21·318	− 3	...	...
...	18·692	+46·034	− 5	...	...
...	18·758	−30·204	− 3	...	...
*	18·912	+36·415	0·95	45.9226	9·6
661–720					
661	′	′		•	
*	+19·392	+36·602	2·60	45.9227	8·6
...	19·463	+49·908	− 1	...	...
...	19·469	+54·702	0·90	45.9228	10·0
...	19·775	+11·614	− 5	...	...
...	20·068	+59·349	− 5	...	...
...	+20·322	+37·050	0·70	...	...
...	20·330	−56·505	− 4	...	...
...	20·390	−52·068	− 5	...	...
...	20·431	+18·677	0·65	...	...
...	20·528	−17·772	− 4	...	...
671					
...	+20·671	−16·698	− 5	...	...
...	20·683	− 6·867	− 4	...	...
*	20·827	+41·925	1·00	45.9229	9·8
...	20·835	+ 9·386	− 2	...	...
...	21·213	+32·006	− 5	...	...
...	+21·328	+57·295	− 1	...	...
...	21·385	+53·829	0·80	...	...
...	21·405	+ 6·291	− 4	...	...
...	21·507	−20·864	− 1	...	...
...	21·603	+35·226	− 5	...	...
681					
*	+21·700	−52·468	1·15	46.9240	9·6
...	22·101	−13·164	− 5	...	...
...	22·179	−29·210	− 5	...	...
...	22·225	+33·936	− 5	...	...
...	22·444	−46·952	− 5	...	...
...	+22·481	− 7·199	− 1	...	...
...	22·641	+13·330	− 5	...	...
...	22·828	+27·877	0·85	...	...
...	22·960	−43·088	0·95	...	...
†	23·076	−29·939	− 1	...	...
691					
*	+23·128	−30·812	2·40	46.9241	8·7
*	23·333	+23·421	1·00	45.9230	9·6
...	23·433	+55·581	0·80	...	...
...	23·441	+ 3·410	− 4	...	...
...	23·454	+32·368	− 3	...	...
...	+23·704	−50·848	− 5	...	...
...	23·922	− 5·344	1·00	46.9242	9·8
...	24·027	−50·262	1·00	46.9243	10·1
S *	24·054	+15·846	4·40	45.9231	7·4
...	24·077	+28·672	− 5	...	...
701					
...	+24·162	− 1·672	− 3	...	...
*	24·370	−29·300	1·00	46.9244	9·8
...	24·508	− 0·489	− 4	...	...
†	24·651	−59·833	− 5	...	...
*	24·779	+48·231	1·35	45.9232	9·3
‡	+24·928	−28·899	2·40	46.9245	8·4
S *	25·436	−16·340	3·66	46.9246	8·0
...	25·875	−33·907	− 5	...	...
...	25·926	+40·020	0·90	...	...
...	26·004	−48·881	− 4	...	...
711					
N [	+26·135	+51·601	1·00	45.9233	10·0
...	26·284	− 4·325	1·00	46.9248	9·8
...	26·303	+53·452	1·05	45.9234	10·0
...	26·426	− 0·612	− 1	46.9247	10·1
...	26·530	+17·113	− 5	...	...
...	+26·888	+50·982	− 4	...	...
...	26·908	−35·460	− 4	...	...
...	26·949	−40·779	0·90	...	...
S *	26·962	+43·170	2·75	45.9236	8·3
...	27·042	−24·279	0·95	...	...

604, 606 C.P.D., probably mass.
711 Mass. 45°·110, two stars.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
721–780					
721	′	′	°		
...	+27·070	+46·672	− 5	...	...
...	27·129	+53·783	− 4	...	...
...	27·199	−27·843	0·95	...	...
...	27·217	−31·141	0·80	...	...
...	27·242	+13·586	1·00	45.9237	10·0
...	+27·449	−50·801	− 4	...	...
...	27·515	− 9·220	− 3	...	...
‡ ‡	27·539	+29·886	1·05	45.9238	9·5
...	27·555	+30·600	− 5	...	...
...	27·579	−37·510	− 2	...	...
731					
...	+27·586	−12·952	− 2	...	...
...	27·656	+30·089	− 5	...	...
*	27·670	+43·727	1·00	45.9239	9·6
...	27·783	+49·569	1·00	45.9240	10·1
...	27·831	+16·857	− 4	...	...
...	+27·962	+35·076	− 4	...	...
...	27·984	+ 3·727	− 2	...	...
...	28·039	−20·701	− 4	...	...
...	28·077	+41·914	0·80	...	...
*	28·206	+17·800	1·00	45.9241	10·0
741					
...	+28·328	+52·814	− 5	...	...
...	28·371	−29·324	− 2	...	...
*	28·463	+35·216	1·15	45.9242	9·4
...	28·599	− 3·322	0·80	...	...
*	28·760	−55·657	1·30	46.9249	9·3
*	+28·868	+ 2·383	4·00	45.9243	8·0
...	28·923	+33·764	0·90	...	...
*	29·030	−10·148	1·40	46.9250	9·2
...	29·213	−39·858	− 4	...	...
...	29·308	+56·925	− 5	...	...
751					
...	+29·358	−54·804	− 5	...	...
...	29·402	−40·511	− 5	...	...
...	29·447	−20·357	− 5	...	...
...	29·758	−38·615	− 5	...	...
†	29·873	−25·009	− 5	...	...
†	+29·940	− 6·668	0·90	46.9251	9·6
...	29·978	−47·943	0·70	...	...
‡ ‡	29·988	−23·553	1·70	46.9252	8·9
...	29·994	− 3·231	− 3	...	...
...	30·051	−50·709	− 4	...	...
761					
...	+30·097	−31·468	0·65	...	...
*	30·098	−37·981	1·00	46.9253	9·6
...	30·141	− 7·416	− 3	...	...
*	30·326	+25·431	1·20	45.9244	9·4
...	30·419	−30·571	− 5	...	...
...	+30·562	−39·158	− 4	...	...
...	30·976	− 2·163	0·75	46.9254	10·1
...	31·018	−45·358	− 4	...	...
...	31·929	+39·547	0·70	...	...
...	32·248	+36·988	0·90	45.9245	10·0
771					
...	+32·523	+12·692	− 4	...	...
...	32·585	−14·904	− 3	...	...
*	32·739	+13·960	1·20	45.9246	9·6
...	32·798	− 8·044	− 5	...	...
*	32·807	−11·595	1·90	46.9255	8·9
...	+32·952	−38·672	0·70	...	...
...	33·363	−13·747	− 3	...	...
...	33·406	+ 4·258	− 1	...	...
...	33·501	+53·207	− 5	...	...
...	33·637	+25·979	− 3	...	...

Notes.	Co-ordinates x.	Co-ordinates y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
781–840					
781	′	′	°		
...	+33·883	−36·974	− 2	...	...
...	33·947	−19·478	− 3	...	...
...	34·137	+48·083	0·90	45.9247	10·0
...	34·142	−53·573	− 1	...	...
...	34·200	−40·502	− 2	...	...
...	+34·269	−38·548	− 4	...	...
...	34·384	+55·049	− 4	...	...
...	34·436	+37·148	− 3	...	...
...	34·633	−56·793	− 5	...	...
...	34·682	+51·848	− 4	...	...
791					
...	+34·803	−32·440	− 3	...	...
†	34·948	+44·553	− 4	...	...
*	35·189	−26·481	1·00	46.9256	9·6
...	35·350	+36·579	0·90	45.9248	9·8
*	35·573	+35·741	1·10	45.9249	9·4
...	+35·760	−31·066	− 4	...	...
...	35·920	−38·799	− 1	...	...
...	36·204	+47·946	− 2	...	...
...	36·540	+27·746	− 3	...	...
...	36·605	+56·021	0·90	45.9250	9·8
801					
*	+36·709	−59·333	1·00	46.9257	9·8
...	36·908	−17·259	− 1	...	...
...	36·912	−13·208	− 4	...	...
...	37·000	−37·006	− 4	...	...
...	37·183	−41·909	− 1	...	...
*	+37·407	−47·150	1·00	46.9259	9·5
...	37·513	−33·555	0·85	46.9258	10·0
...	37·658	+52·644	− 5	...	...
...	37·706	+50·290	− 1	...	...
...	37·725	−27·883	− 4	...	...
811					
...	+37·824	−35·713	− 2	...	...
...	37·881	+31·362	− 3	...	...
...	38·135	+22·175	− 5	...	...
...	38·158	−34·357	− 1	...	...
...	38·511	+53·061	− 1	...	...
...	+38·619	− 3·351	− 5	...	...
...	38·971	+58·422	− 4	...	...
...	39·089	+19·816	− 1	...	...
...	39·139	−46·338	− 5	...	...
...	39·180	−23·840	0·65	...	...
821					
...	+39·300	+37·395	− 3	...	...
...	39·303	+29·069	− 4	...	...
...	39·606	−34·115	− 1	...	...
†	39·786	−49·431	− 4	...	...
...	39·790	+14·254	− 1	...	...
...	+40·141	+13·891	− 5	...	...
*	40·170	+36·753	1·30	45.9251	9·4
...	40·205	−49·200	− 5	...	...
...	40·330	+29·587	− 3	...	...
...	40·363	−15·959	− 3	...	...
831					
...	+40·703	−15·486	− 2	...	...
...	40·972	−40·934	− 5	...	...
...	41·536	+18·503	− 5	...	...
...	41·592	−37·194	− 5	...	...
...	41·720	−53·069	− 5	...	...
...	+41·764	+25·444	0·90	45.9252	10·1
*	42·014	+50·393	2·00	45.9253	9·0
...	42·024	−10·486	− 5	...	...
...	42·253	+ 0·395	0·95	...	...
...	42·332	−31·187	0·95	...	...

Notes.	Co-ordinates x.	Co-ordinates y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
841–900					
841	′	′	°		
...	+42·397	+40·188	− 2	...	...
...	42·598	−12·882	0·95	...	...
...	42·757	− 2·463	− 2	...	...
...	42·760	−12·136	0·85	...	...
...	42·869	−58·069	− 5	...	...
...	+42·935	+41·406	− 5	...	...
*	43·341	+56·483	1·05	45.9254	10·1
...	43·472	+54·916	1·00	45.9255	10·1
...	43·501	−49·455	− 5	...	...
*	43·611	−59·439	1·25	46.9260	9·4
851					
†	+43·706	−25·025	− 2	...	...
...	43·746	+17·508	0·90	...	...
*	43·795	−48·867	1·00	46.9261	10·0
...	43·971	+24·667	0·75	...	...
...	43·988	+18·535	0·80	...	...
...	+44·091	−59·090	0·90	...	...
...	44·268	+ 7·660	0·80	...	...
...	44·316	+ 2·021	− 5	...	...
*	44·453	+17·650	1·00	45.9256	9·8
...	44·720	+47·228	− 1	...	...
861					
†	+44·805	+ 6·016	1·00	45.9257	10·1
...	44·947	−46·932	0·75	...	...
...	45·003	− 9·297	− 4	...	...
...	45·577	− 2·047	− 5	...	...
...	45·716	− 8·575	− 5	...	...
...	+45·874	− 3·037	− 4	...	...
*	45·985	− 2·091	1·30	46.9262	9·3
...	46·303	−25·441	− 5	...	...
*	46·327	+34·191	1·00	45.9258	9·8
...	46·414	−24·509	− 5	...	...
871					
...	+46·473	+ 7·210	0·75	...	...
...	46·490	−11·296	− 5	...	...
...	46·734	− 7·264	− 3	...	...
...	46·933	+ 1·560	− 3	...	...
...	47·084	−54·402	1·05	46.9263	9·8
...	+47·361	−42·718	− 5	...	...
...	47·394	−56·144	− 5	...	...
*	47·498	−32·253	1·00	46.9264	9·8
...	47·604	− 1·507	− 5	...	...
*	47·894	−11·774	1·00	46.9265	9·6
881					
...	+48·361	+17·809	− 5	...	...
...	48·405	−47·197	− 3	...	...
*	48·692	+19·673	1·00	45.9259	10·0
...	48·751	− 5·442	0·90	...	...
S ‡ ‡	48·846	− 5·129	2·00	46.9266	8·5
*	+48·980	−33·349	1·00	46.9267	9·6
...	49·141	+23·493	− 3	...	...
...	49·191	−21·683	0·70	...	...
...	49·316	+53·161	− 2	...	...
...	49·447	− 1·318	− 5	...	...
891					
...	+49·482	+35·718	− 5	...	...
...	49·727	−49·656	− 5	*e*	...
...	49·974	−53·425	− 4	...	...
...	49·990	+23·621	− 4	...	...
...	50·074	+57·576	− 1	...	...
...	+50·103	+28·528	− 5	...	...
...	50·341	− 6·250	0·90	46.9268	10·0
...	50·423	+40·698	0·90	45.9260	10·0
...	50·461	+25·674	− 2	...	...
...	50·604	+10·957	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
901–930					
901	′	′		°	
...	+50·640	+50·215	− 1	...	...
N	50·707	+35·079	− 3	...	...
...	50·728	−14·184	0·70	46.9269	10·1
...	50·861	+ 2·574	− 4	...	...
...	50·910	−58·474	− 3	...	...
... [	+50·940	−55·376	− 2	...	...
* [	50·989	−55·314	1·20	46.9270	9·3
...	50·948	−36·173	− 3	...	...
...	51·085	+32·974	− 1	...	...
...	51·141	+24·537	− 3	...	...
911					
...	+51·642	−37·552	0·90	46.9271	9·6
S *	51·646	−48·976	1·75	46.9272	9·0
*	51·975	+36·435	1·00	45.9261	9·8
...	52·142	+13·481	− 4	...	...
...	52·183	−58·968	− 3	...	...
...	+52·221	−28·802	− 4	...	...
...	52·231	+18·497	− 3	...	...
...	52·886	+ 6·888	0·80	45.9262	10·1
...	53·690	−22·709	− 3	...	...
...	53·697	+16·651	− 4	...	...
921					
...	+53·735	+15·922	0·90	...	...
...	53·797	− 0·679	− 5	...	...
...	54·030	+22·434	− 4	...	...
...	54·306	−59·768	− 1	...	...
...	54·368	+ 9·007	− 3	...	...
...	+54·511	−32·177	− 3	...	...
...	54·622	− 5·115	0·85	46.9273	10·0
...	54·685	+15·619	− 4	...	...
...	54·690	+44·951	0·80	...	...
†	54·787	−23·468	0·65	...	...
931–960					
931				°	
†	+54·834	−39·808	− 2	...	...
...	54·994	+32·770	− 1	...	...
...	55·213	+38·454	− 3	...	...
*	55·257	− 8·082	0·90	46.9274	9·8
...	55·398	+50·514	− 2	...	...
...	+55·466	−11·426	− 1	...	...
...	55·577	−20·305	− 1	...	...
...	55·668	−35·166	− 1	...	...
...	55·686	−48·587	− 5	...	...
*	55·869	− 8·879	1·00	46.9275	9·6
941					
...	+55·940	−15·317	− 1	...	...
...	56·218	−45·456	− 4	...	...
...	56·419	+27·238	− 4	...	...
...	56·537	+33·919	− 3	...	...
...	56·590	+25·244	− 4	...	...
...	+56·644	+52·951	− 3	...	...
...	56·706	−42·689	− 1	...	...
...	57·017	+22·240	− 5	...	...
...	57·104	−32·745	− 5	...	...
...	57·241	+ 5·617	− 2	...	...
951					
...	+57·269	+51·794	− 3	...	...
...	57·637	+25·938	− 1	...	...
...	57·689	+43·253	− 3	...	...
...	57·699	+59·170	− 3	...	...
N †	57·979	+14·910	− 1	...	...
...	+58·052	+ 5·478	− 2	...	...
...	58·117	+16·937	− 1	...	...
...	58·206	−50·132	− 1	...	...
...	58·294	+19·779	− 3	...	...
...	58·328	+28·816	− 3	...	...
961–976					
961				°	
...	+58·422	− 2·131	− 4	...	...
...	58·461	+ 1·767	− 4	...	...
...	58·547	+26·770	− 5	...	...
... [	58·555	−32·247	− 3	...	...
* [	58·616	−32·209	1·20	46.9276	9·4
...	+58·681	−55·749	1·00	46.9277	10·0
...	58·804	+21·797	− 5	...	...
...	58·930	+57·042	− 3	...	...
...	58·999	−48·516	− 4	...	...
*	59·057	+45·230	2·00	45.9263	8·9
971					
...	+59·085	+ 8·486	− 1	...	...
...	59·214	−30·545	− 5	...	...
...	59·462	+46·073	− 1	...	...
...	59·472	−29·608	0·90	46.9278	9·8
...	59·539	+20·137	0·90	45.9265	9·6
*	+59·720	+44·072	1·80	45 9264	9·2

902. Brighter star. 45°·110, two stars; 46°·111, mass.
955. Mass. 45°·110, two stars; 46°·111, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1–20					
1	′	′		°	
...	−59·733	−25·267	− 4	...	...
...	59·597	+ 5·788	0·95	45.9257	10·1
...	59·526	−58·313	− 5	...	...
...	58·984	+33·985	0·95	45.9258	9·8
...	58·931	− 9·517	− 4	...	...
...	−58·895	−49·106	0·95	46.9261	10·0
*	58·749	−59·681	1·20	46.9260	9·4
...	58·609	− 2·248	− 5	...	...
...	58·269	−59·321	− 1	...	...
...	58·262	− 3·231	− 4	...	...
11					
...	−58·260	− 8·767	− 5	...	...
*	58·182	− 2·292	1·15	46.9262	9·3
...	57·986	+ 7·018	− 1	...	...
...	57·806	− 4·138	− 3	...	...
...	57·396	−11·479	− 4	...	...
...	−57·350	+ 1·387	− 4	...	...
...	57·269	− 7·428	− 5	...	...
...	57·125	−25·614	− 5	...	...
...	57·054	−24·677	− 5	...	...
...	56·627	−11·852	− 5	...	...
21–40					
21				°	
...	−56·589	+53·049	− 5	...	...
...	56·571	− 1·650	− 5	...	...
...	56·431	+17·671	− 5	...	...
...	56·166	+19·549	0·95	45.9259	10·0
*	55·973	−11·906	1·00	46.9265	9·6
...	−55·962	+57·469	− 1	...	...
...	55·843	+23·382	− 4	...	...
*	55·715	−32·390	0·95	46.9264	9·8
...	55·532	−42·856	− 5	...	...
...	55·431	−54·545	1·00	46.9263	9·8
31					
...	−55·308	− 5·541	0·90	...	...
S *	55·210	− 5·222	1·90	46.9266	8·5
...	55·179	+50·122	− 4	...	...
...	55·091	+40·605	0·95	45.9260	10·0
...	55·044	+28·447	− 5	...	...
...	−54·986	+23·535	− 4	...	...
...	54·744	− 1·395	− 5	...	...
N [	54·613	+34·995	− 4	...	...
...	54·586	+25·595	− 3	...	...
...	54·360	−21·757	− 2	...	...
41–60					
41	′	′		°	
...	−54·345	−47·281	− 5	...	...
*	54·203	−33·434	1·00	46.9267	9·6
...	54·181	+32·911	0·75	...	...
...	53·993	+10·892	− 5	...	...
...	53·864	+24·488	− 5	...	...
...	−53·697	− 6·307	0·95	46.9268	10·0
...	53·501	−37·969	− 5	...	...
...	53·461	+ 2·524	− 5	...	...
*	53·422	+36·394	1·00	45.9261	9·8
...	53·074	−14·223	0·85	46.9269	10·1
51					
...	−52·938	−49·688	− 5	E	...
...	52·599	+18·486	− 4	...	...
...	52·583	−53·472	− 5	...	...
...	52·515	+13·463	− 5	...	...
...	52·147	−36·189	− 5	...	...
...	−51·561	+ 6·905	0·90	45.9262	10·1
*	51·517	−55·345	1·30	46.9270	9·3
...	51·480	−58·487	− 5	...	...
*	51·410	−37·555	1·00	46.9271	9·6
...	51·106	−28·778	− 5	...	...

L measured from 1, 154, 302, 435, 572, 721.
MC ,, ,, 72, 227, 374, 488, 640, 818.

38. Mass. 45°·110, two stars; 46°·110, brighter star.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
61–120					
61					
...	−51·071	+16·681	− 5	...	...
S *	51·040	−48·979	1·80	46.9272	9·0
*	51·002	+15·955	0·85	...	...
...	50·968	+44·992	0·80	...	...
...	50·927	+22·480	− 5	...	...
...	−50·427	+50·577	− 4	...	...
...	50·279	+32·829	0·70	...	...
...	50·227	+38·523	− 2	...	...
...	50·204	−58·947	− 4	...	...
...	50·153	+ 9·070	− 3	...	...
71					
...	−50·053	+15·675	− 4	...	...
†	49·841	−22·638	− 4	...	...
†	49·471	− 5·029	0·65	46.9273	10·0
...	49·248	+53·053	− 3	...	...
...	48·775	+34·033	− 4	...	...
*	−48·726	− 7·986	0·80	46.9274	9·8
...	48·714	−23·375	− 2	...	...
...	48·709	−32·087	− 4	...	...
...	48·677	+27·350	− 4	...	...
...	48·612	+51·923	− 3	...	...
81					
...	−48·450	+25·357	− 4	...	...
...	48·418	+59·319	− 3	...	...
...	48·415	−11·313	− 2	...	...
†	48·296	+54·820	− 5	...	...
...	48·157	−39·705	− 3	...	...
*	−48·090	− 8·765	0·85	46.9275	9·6
...	48·048	−59·665	− 1	...	...
...	48·020	−20·182	− 2	...	...
...	47·919	+43·404	− 3	...	...
...	47·809	−15·181	− 2	...	...
91					
...	−47·454	−35·049	− 2	...	...
...	47·426	+26·093	− 1	...	...
...	47·193	+ 5·776	− 3	...	...
...	47·087	+57·215	− 2	...	...
...	47·020	−48·445	− 5	...	...
...	−46·986	−35·931	− 5	...	...
...	46·829	+28·987	− 4	...	...
N [	46·740	+15·079	− 1	...	...
...	46·646	+17·103	− 2	...	...
*	46·607	+45·420	1·50	45.9263	8·9
101					
...	−46·582	−45·317	− 4	...	...
†	46·578	+19·976	− 3	...	...
...	46·531	+26·952	− 5	...	...
...	46·368	+ 5·659	− 2	...	...
...	46·231	+46·265	0·70	...	...
...	−46·179	−42·515	− 1	...	...
...	46·110	−32·576	− 5	...	...
*	45·888	+44·285	1·20	45.9264	9·2
...	45·841	+ 1·966	− 5	...	...
...	45·754	− 1·934	− 5	...	...
111					
*	−45·744	+50·956	1·00	45.9266	9·4
..	45·428	+ 8·707	− 1	...	...
...	45·339	+20·349	0·90	45.9265	9·6
†	44·898	+31·879	− 1	...	...
..	44·680	−32·004	− 4	...	...
...	−44·613	−17·032	− 5	...	...
*	44·604	−31·977	0·95	46.9276	9·4
*	44·544	+38·972	1·05	45.9267	9·2
†	44·461	−49·921	− 1	...	...
...	44·408	+16·980	− 4	...	...
121–180					
121					
...	−44·060	−30·289	− 5	...	...
*	43·993	+26·001	1·90	45.9268	8·5
...	43·841	−29·360	0·75	46.9278	9·8
...	43·802	−55·505	0·75	46.9277	10·0
...	43·734	−48·265	− 4	...	...
*	−43·314	−22·023	0·90	46.9279	9·6
†	43·311	+44·790	0·80	...	...
...	43·173	−39·588	− 4	...	...
...	43·060	+52·094	− 5	...	...
...	42·978	+15·122	− 4	...	...
131					
...	−42·840	− 4·341	− 2	...	...
...	42·832	−52·006	− 5	...	...
...	42·805	+27·927	− 4	...	...
...	42·723	−36·073	− 4	...	...
...	42·599	−54·986	− 4	...	...
...	−42·518	+34·501	− 4	...	...
...	42·496	+ 3·281	− 5	...	...
...	42·487	+45·756	− 5	...	...
...	42·487	+ 2·084	− 5	...	...
...	42·347	+35·022	− 3	...	...
141					
...	−42·203	+10·060	− 3	...	...
...	41·957	− 5·996	0·85	46.9280	10·0
...	41·695	+15·359	− 4	...	...
...	41·671	+42·576	− 1	...	...
...	41·644	+40·657	0·70	45.9270	10·1
...	−41·201	+33·922	− 4	...	...
...	41·192	+ 7·141	0·85	45.9269	10·0
...	40·812	−42·250	− 5	...	...
...	40·745	−29·781	− 5	...	...
...	40·627	+39·976	− 5	...	...
151					
†	−40·183	+49·772	− 5	...	...
...	40·135	−34·688	− 5	...	...
*	40·028	− 1·236	1·00	46.9281	9·4
...	39·766	− 1·919	− 4	...	...
*	39·559	− 6·974	1·35	46.9282	9·2
...	−39·275	+42·471	− 5	...	...
...	39·198	− 8·233	− 5	...	...
...	39·082	+40·932	− 5	...	...
*	39·018	−25·203	1·00	46.9283	10·0
...	38·958	−36·336	− 5	...	...
161					
...	−38·945	+14·460	− 2	...	...
...	38·883	− 4·187	− 3	...	...
†	38·819	+29·909	− 2	...	...
...	38·689	+15·246	− 4	...	...
...	38·640	−41·826	− 4	...	...
...	−38·365	−17·748	− 4	...	...
...	37·992	+51·921	− 5	...	...
...	37·837	−52·500	− 5	...	...
...	37·804	+10·100	− 5	...	...
...	37·608	− 0·229	− 5	...	...
171					
...	−37·482	− 2·933	0·65	...	...
...	37·444	+16·603	− 5	A	...
...	37·400	+52·787	− 1	...	...
*	37·128	+48·692	2·00	45.9271	9·0
...	37·105	− 0·285	− 5	...	...
*	−36·909	−12·385	1·25	46.9286	9·6
*	36·876	−51·462	1·35	46.9284	9·6
...	36·647	−28·523	− 5	...	...
...	36·564	− 5·942	− 2	...	...
*	36·543	−44·770	1·00	46.9285	10·2
181–240					
181					
*	−36·348	+58·713	2·10	45.9272	8·6
...	36·333	+16·324	− 2	...	...
...	36·250	−11·970	0·65	...	...
*	36·134	−30·346	1·00	...	...
...	36·127	+46·031	− 5	...	...
...	−35·923	+14·722	− 5	...	...
S *	35·842	+48·579	1·95	45.9273	8·7
...	35·603	+17·859	− 5	...	...
†	34·946	−43·954	− 5	...	...
...	34·934	+56·223	− 5	...	...
191					
†	−34·921	+18·276	0·75	...	...
†	34·920	+28·228	0·85	45.9274	10·4
...	34·778	−44·336	− 3	...	...
...	34·674	− 5·566	− 1	...	...
...	34·629	−15·576	− 5	...	...
...	−34·571	−34·279	0·95	...	...
...	34·505	+41·130	0·80	...	...
*	34·358	− 3·998	1·35	46.9287	9·6
...	34·285	+32·788	0·80	...	...
...	33·952	−11·286	− 2	...	...
201					
...	−33·748	−41·457	− 5	...	...
...	33·269	+ 2·916	− 5	...	...
*	33·268	+57·210	1·15	45.9275	10·2
‡	33·195	−59·801	1·30	47.8855	9·6
...	33·098	+37·147	− 5	...	...
†	−33·015	−49·871	− 5	...	...
...	32·981	−26·727	− 5	...	...
...	32·937	+10·062	− 5	...	...
...	32·666	+36·084	− 5	...	...
...	32·479	+34·699	0·75	...	...
211					
...	−32·455	− 6·985	− 4	...	...
...	32·284	−17·678	0·85	...	...
...	32·220	−13·932	− 5	...	...
...	32·127	+24·337	− 4	...	...
...	31·781	−50·463	− 5	...	...
...	−31·292	−16·795	− 3	...	...
...	31·129	−44·608	− 5	...	...
...	30·676	+24·347	0·95	...	...
*	30·658	− 0·532	2·00	46.9289	9·0
...	30·637	+28·722	− 4	...	...
221					
*	−30·567	+38·435	1·15	45.9276	9·8
...	30·442	+35·094	− 3	...	...
*	30·422	−52·110	1·20	46.9288	10·2
...	30·227	−13·166	− 5	...	...
‡	29·994	−48·494	1·00	46.9290	10·2
...	−29·957	+53·812	− 5	...	...
‡	29·854	−40·005	1·10	46.9291	9·8
...	29·719	− 7·482	− 1	...	...
...	29·510	+52·253	0·95	45.9277	10·4
...	29·445	+16·782	− 5	...	...
231					
...	−29·321	−46·094	0·75	...	...
...	29·094	−30·415	− 5	...	...
*	29·049	−40·137	1·00	46.9292	10·4
...	28·809	−50·892	− 5	...	...
...	28·643	+40·176	− 4	...	...
...	−28·556	− 3·832	− 1	...	...
...	28·546	− 9·471	− 2	...	...
...	28·392	+57·770	− 5	...	...
...	28·335	− 4·263	− 4	...	...
...	28·044	− 1·259	− 4	...	...

98. Mass. 45°·110, two stars; 46°·110, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
241–300					
241				°	
...	−28·039	+38·617	0·65	...	...
...	27·897	+32·108	− 4	...	...
...	27·892	+58·316	0·85	45.9279	10·4
...	27·751	+11·196	− 3	...	...
...	27·532	−44·672	− 3	...	...
S *	−27·415	+ 5·977	1·85	45.9278	9·0
...	27·198	+34·384	− 4	...	...
...	27·128	−28·107	− 4	...	...
*	27·092	+ 0·323	2·60	46.9293	8·3
*	27·081	+ 0·059	1·00		
251					
...	−27·017	+59·367	− 3	...	...
...	26·989	−14·146	− 4	...	...
*	26·911	+30·624	1·10	45.9281	9·6
...	26·871	−44·780	− 1	...	...
...	26·800	−23·138	− 5	...	...
*	−26·673	+ 1·376	1·60	45.9280	9·0
*	26·522	−37·236	1·60	46.9294	9·3
*	26·426	−28·079	1·10	46.9295	9·9
...	26·072	+49·119	− 5	...	...
...	26·060	−23·413	− 4	...	...
261					
...	−25·760	−46·892	0·80	...	...
...	25·484	−11·497	− 4	...	...
...	25·436	−43·419	− 4	...	...
...	25·095	−19·685	0·80	46.9296	10·4
...	24·991	−20·056	− 4	...	...
†	−24·915	+ 6·693	− 3	...	...
*	24·675	+28·354	0·90	45.9282	10·4
...	24·599	−57·311	− 5	...	...
...	24·549	+46·309	− 3	...	...
...	24·115	−58·779	− 3	...	...
271					
...	−23·916	+55·528	− 4	...	...
...	23·838	+14·718	− 1	45.9283	10·4
...	23·702	−32·413	− 4	...	...
...	23·665	+12·129	− 4	...	...
...	23·450	− 1·891	− 4	...	...
...	−23·255	+22·475	− 2	...	...
...	23·198	−44·648	− 1	...	...
...	23·137	− 7·479	− 2	...	...
...	22·955	+51·481	0·90	45.9284	10·4
...	22·879	+32·324	− 5	...	...
281					
...	−22·829	−28·348	− 1	...	...
...	22·645	−54·587	− 4	...	...
...	22·589	− 2·807	− 5	...	...
...	22·352	−40·207	− 4	...	...
...	22·335	−52·909	− 1	...	...
...	−22·294	−32·187	− 2	...	...
...	21·874	+51·767	− 3	...	...
...	21·711	+48·201	− 3	...	...
...	21·549	− 8·140	− 1	...	...
...	21·519	+37·000	− 4	...	...
291					
...	−21·309	+38·232	− 4	...	...
...	21·204	+23·180	− 5	...	...
...	20·798	+43·332	− 3	...	...
...	20·783	−50·833	0·95	46.9297	10·4
...	20·599	+18·593	− 4	...	...
...	−20·583	+ 0·757	− 3	...	...
...	20·205	− 1·661	− 4	...	...
...	20·172	+30·213	− 5	...	...
...	20·093	+30·094	− 1	...	...
...	20·018	−19·662	− 4	...	...
301–360					
301				°	
...	−20·010	− 2·923	− 5	...	...
...	19·694	−43·839	− 5	...	...
...	19·664	+50·565	− 5	...	...
...	19·604	+19·690	− 5	...	...
...	19·431	+23·453	− 2	...	...
...	−19·321	+32·392	− 4	...	...
...	19·272	+18·482	− 5	...	...
S *	18·902	−48·668	2·00	46.9298	8·7
...	18·828	+34·762	− 4	...	...
...	18·720	+38·934	− 5	...	...
311					
...	−18·236	−55·380	− 5	...	...
†	17·943	−44·897	− 5	...	...
...	17·933	+ 3·302	− 5	...	...
...	17·758	+52·187	− 2	...	...
...	17·747	− 9·373	− 5	...	...
...	−17·714	−49·716	− 5	...	...
...	17·588	+45·549	− 5	...	...
*	17·522	−37·296	1·00	46.9299	10·4
...	17·459	+43·250	− 5	...	...
...	17·458	−53·639	0·70	...	...
321					
†	−17·455	+ 5·002	0·80	...	...
...	17·361	−52·491	− 1	...	...
...	17·280	+37·144	0·80	...	...
...	17·268	+38·707	− 2	...	...
...	16·899	+41·587	− 2	...	...
...	−16·821	−54·457	− 3	...	...
*	16·793	+57·534	1·10	45.9285	10·2
...	16·591	+34·005	0·75	...	...
*	16·419	−40·140	2·00	46.9300	9·0
...	16·343	−19·340	− 5	...	...
331					
...	−16·317	+20·625	− 5	...	...
...	16·237	−52·653	− 5	...	...
...	16·173	−44·110	0·85	...	...
...	16·114	−14·276	− 5	...	...
...	15·858	+57·225	− 4	...	...
...	−15·781	+ 5·721	0·85	...	...
...	15·734	+49·124	0·90	...	...
*	15·510	−58·068	1·05	46.9301	10·2
*	14·779	+50·608	1·00	...	...
...	14·613	−50·235	− 5	...	...
341					
... [	−14·594	−36·111	− 3	...	...
... [	14·560	−36·100	− 3	...	...
...	14·386	−46·674	− 5	...	...
...	14·223	+46·846	− 4	...	...
...	14·215	−50·923	− 5	...	...
...	−13·757	+ 8·211	− 5	...	...
...	13·748	− 7·043	− 5	...	...
*	13·525	−19·485	1·00	46.9302	10·2
...	13·512	−38·516	− 5	...	...
...	13·049	+ 9·252	1·00	...	...
351					
...	−12·948	+12·430	− 5	...	...
*	12·939	+10·853	1·00	45.9286	10·4
...	12·824	−20·511	− 5	...	...
...	12·673	−17·099	− 5	...	...
...	12·406	−35·759	− 4	...	...
*	−12·054	−34·838	1·00	46.9303	10·4
*	12·051	+47·165	1·00	45.9287	10·2
*	11·894	− 0·634	2·40	46.9304	8·8
...	11·623	−12·581	− 4	...	...
...	11·581	+36·552	0·70	...	...
361–420					
361				°	
...	−11·473	−56·779	− 5	...	...
...	11·268	−44·544	− 5	...	...
...	11·122	+37·826	0·70	...	...
*	11·023	+58·949	1·25	45.9289	9·6
...	10·917	+20·384	0·70	...	...
*	−10·899	−52·486	1·00	46.9305	10·4
...	10·809	−38·566	− 5	...	...
...	10·765	−17·431	− 5	...	...
...	10·524	+56·918	− 3	...	...
...	10·213	+30·003	− 5	...	...
371					
*	−10·212	+26·955	1·00	45.9290	10·4
...	10·181	−26·562	− 5	...	...
...	10·065	+56·803	− 3	...	...
S *	9·533	+47·801	1·55	45.9291	9·4
...	9·520	− 5·531	− 1	46.9306	10·4
...	− 9·381	−16·060	− 2	...	...
...	9·356	−47·128	− 3	...	...
*	9·356	+30·835	1·00	45.9292	10·0
...	8·981	−21·288	− 1	...	...
...	8·932	+54·432	− 1	...	...
381					
...	− 8·713	−34·397	− 2	...	...
...	8·297	+47·766	− 5	...	...
...	8·287	+36·236	0·65	...	...
...	8·186	+42·025	− 4	...	...
...	7·885	+ 7·078	− 5	...	...
*	− 7·836	−27·054	1·20	46.9307	9·9
...	7·707	+ 6·885	− 5	...	...
...	7·606	+42·774	0·80	45.9293	10·4
...	7·458	+15·705	− 4	...	...
...	6·668	+13·157	− 1	...	...
391					
...	− 6·559	+36·821	− 5	...	...
...	6·543	+21·601	− 4	...	...
...	6·433	− 6·456	− 1	...	...
...	6·335	+47·829	− 5	...	...
...	6·102	+50·280	− 4	...	...
...	− 6·042	+ 3·741	− 3	...	...
†	5·675	−19·988	− 4	...	...
...	5·558	−50·767	0·80	...	...
...	5·283	−46·727	− 4	...	...
...	5·126	−13·681	− 5	...	...
401					
...	− 5·029	+44·371	− 4	...	...
...	5·008	+54·562	− 1	...	...
*	4·609	− 1·392	8·40	46.9308	4·3
...	4·475	+58·204	− 3	...	...
...	4·455	−51·513	− 4	...	...
*	− 4·183	+39·504	1·60	45.9294	9·6
...	4·098	+17·860	− 2	...	...
...	4·072	−56·916	− 4	...	...
†	3·865	+54·816	− 4	...	...
...	3·693	+36·958	− 4	...	...
411					
...	− 3·675	−52·859	− 5	...	...
...	3·464	+46·769	− 3	...	...
...	3·339	+36·446	− 4	...	...
...	3·094	−49·537	− 3	...	...
...	3·062	−58·145	− 5	...	...
...	− 2·926	+32·593	− 4	...	...
*	2·631	−28·224	1·00	46.9309	10·2
...	2·542	+ 0·747	− 5	...	...
...	2·423	−52·358	− 5	...	...
...	2·369	+39·612	− 2	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
421–480					
421					
...	− 2·365	+33·118	− 3	...	...
...	2·308	+15·464	− 3	...	...
...	2·249	−22·314	− 4	...	...
n	2·110	−56·031	− 1	46.9310	10·2
...	1·985	+12·485	− 4	...	...
...	− 1·945	+39·489	− 3	...	...
n *	1·919	−56·000	0·90	46.9310	10·2
...	1·561	+31·895	− 4	...	...
...	1·544	−28·105	− 5	...	...
...	1·047	+10·401	− 1	...	...
431					
*	− 0·894	+32·871	1·00	45.9295	9·8
...	0·703	+47·928	− 4	...	...
...	0·441	+ 0·480	0·80	46.9311	10·4
...	− 0·099	+24·086	− 1	...	...
...	+ 0·383	+36·281	− 5	...	...
...	+ 0·493	−12·683	− 5	...	...
...	0·578	−18·343	− 5	...	...
...	1·153	−27·623	− 2	...	...
*	1·185	+23·838	1·00	...	...
...	1·217	−44·815	− 3	...	...
441					
...	+ 1·267	−45·701	− 2	...	...
...	1·733	−22·404	0·90	46.9312	10·4
...	1·739	−16·432	− 4	...	...
...	1·924	+58·241	0·80	...	...
...	1·927	+59·388	− 5	...	...
...	+ 2·049	+37·158	− 5	...	...
...	2·218	−36·133	− 1	...	...
...	2·227	−48·368	− 5	...	...
...	2·303	+58·401	− 5	...	...
*	2·349	+12·794	1·30	45.9296	9·8
451					
*	+ 2·424	−32·355	1·00	46.9313	10·2
*	2·688	+22·079	1·05	45.9297	10·0
...	2·775	−50·590	− 5	...	...
...	2·904	−36·106	− 1	...	...
...	3·555	+30·582	0·70	...	...
*	+ 3·664	+38·897	1·00	45.9298	10·4
*	4·188	−14·872	1·00	46.9314	10·4
...	4·229	−22·038	− 5	...	...
*	4·612	−58·988	1·00	46.9315	10·2
...	4·667	+31·910	0·70	...	...
461					
...	+ 4·765	−44·363	0·65	...	...
...	4·834	+35·393	0·90	...	...
†	5·085	+44·275	− 5	...	...
...	5·432	−42·785	− 4	...	...
...	5·661	−17·791	− 5	...	...
...	+ 5·690	− 9·891	− 5	...	...
...	5·891	−41·413	0·70	...	...
...	5·926	−45·320	− 5	...	...
...	6·406	+ 0·271	− 5	F*f*	...
...	6·431	+43·074	− 5	...	...
471					
...	+ 6·507	+50·571	− 5	...	...
...	6·742	−55·649	− 4	...	...
...	7·255	+ 2·890	− 4	...	...
...	7·635	+49·331	− 1	...	...
*	7·897	+ 4·263	1·50	45.9299	9·3
...	+ 8·217	−16·805	0·80	...	...
...	8·430	+58·786	− 5	...	...
...	8·713	+45·654	0·70	...	...
...	8·843	−31·794	− 5	...	...
...	9·242	+11·473	0·85	...	...
481–540					
481					
...	+ 9·370	+29·981	0·75	...	...
...	9·432	−24·050	− 5	...	...
...	9·580	−19·592	− 5	...	...
...	9·618	+54·636	− 4	...	...
*	9·760	+40·959	1·00	45.9300	10·0
...	+ 9·770	−51·536	− 4	...	...
*	9·862	+26·567	1·00	45.9301	10·4
*	10·214	+34·456	1·00	45.9302	10·2
...	10·408	+46·949	− 5	...	...
*	10·469	−26·085	1·90	46.9316	9·0
491					
*	+10·524	−46·969	1·00	46.9317	9·9
...	10·580	− 4·512	− 3	...	...
...	10·798	−54·003	− 2	...	...
...	10·826	+28·305	− 2	...	...
...	11·016	−10·344	− 2	...	...
S *	+11·042	−48·552	2·65	46.9318	8·2
...	11·088	+ 4·549	− 5	...	...
*	11·108	+11·770	1·10	45.9303	9·9
...	11·118	−25·177	− 3	...	...
...	11·436	+44·333	− 1	...	...
501					
...	+11·438	+25·372	− 5	...	...
...	11·757	− 3·092	− 5	...	...
...	11·761	−54·435	− 2	...	...
...	12·111	−16·947	− 3	...	...
*	12·298	−47·707	1·60	46.9319	9·2
...	+12·448	+11·737	− 3	...	...
...	12·512	−15·947	− 1	...	...
...	12·605	+43·826	− 3	...	...
...	12·707	+ 9·157	− 3	...	...
...	12·801	+49·955	− 1	...	...
511					
*	+12·826	−15·475	2·60	46.9320	8·4
...	12·884	−50·186	− 4	...	...
...	12·907	−26·709	− 4	...	...
...	13·061	+ 3·729	− 1	...	...
...	13·153	−37·136	− 3	...	...
...	+13·219	−27·100	− 2	...	...
...	13·269	−36·011	− 5	...	...
...	13·363	−27·414	− 5	...	...
...	13·790	− 4·531	− 1	...	...
...	13·838	+33·385	− 5	...	...
521					
...	+13·921	−12·050	− 5	...	...
...	14·020	−18·478	− 3	...	...
...	14·238	+37·117	− 5	...	...
*	14·405	− 8·885	0·90	46.9321	10·4
...	14·494	+ 3·675	− 5	...	...
*	+14·667	+47·675	0·90	...	...
...	14·731	−21·529	− 1	...	...
‡	14·884	−27·484	1·60	46.9322	8·8
...	14·921	+44·557	− 4	...	...
*	15·190	− 6·406	1·00	46.9323	10·2
531					
...	+15·453	−57·050	− 5	...	...
...	15·588	+35·901	− 4	...	...
*	15·601	− 9·932	1·90	46.9324	9·0
...	15·620	−35·095	− 4	...	...
‡	15·716	−25·005	0·90	46.9325	10·4
...	+15·728	+ 0·286	0·65	...	...
...	15·970	−43·544	− 4	...	...
*	15·972	+ 1·117	0·95	45.9304	10·4
*	16·139	−56·475	1·00	46.9326	9·8
...	16·202	+50·751	− 1	...	...
541–600					
541					
...	+16·296	−36·319	− 4	...	...
...	16·382	+44·462	− 5	...	...
*	16·729	+15·273	1·60	45.9305	9·3
...	16·845	+ 8·591	− 5	...	...
...	16·918	−28·355	− 3	...	...
...	+16·925	−13·671	− 4	...	...
...	17·080	+ 4·518	− 2	...	...
...	17·217	− 7·994	− 3	...	...
...	17·556	+56·700	− 5	...	...
...	17·590	−49·372	− 4	...	...
551					
*	+17·632	−58·558	1·00	46.9327	10·0
...	17·679	−53·146	− 5	...	...
*	17·700	−43·832	1·00	46.9328	9·9
...	17·801	− 6·865	− 4	...	...
...	17·843	+10·072	− 5	...	...
...	+17·868	+40·612	0·75	...	...
...	18·129	−37·354	− 1	...	...
*	18·284	−10·371	1·00	46.9329	9·9
...	18·733	+ 5·819	− 4	...	...
...	18·809	+47·372	− 3	...	...
561					
*	+18·819	− 2·373	1·20	46.9330	9·8
*	18·847	+58·231	1·30	45.9306	9·6
...	19·077	−16·209	0·65	46.9331	10·4
...	19·122	+55·922	− 1	...	...
...	19·437	+26·988	− 5	...	...
...	+19·487	+39·967	− 4	...	...
...	19·546	+ 2·903	− 5	...	...
...	19·617	−58·905	− 3	...	...
...	19·653	+36·568	− 1	...	...
...	19·759	−17·735	0·65	...	...
571					
...	+19·824	+38·640	− 4	...	...
...	20·128	+37·138	0·70	...	...
...	20·588	+51·602	− 5	...	...
S *	20·682	−22·485	2·70	46.9332	8·4
...	20·856	−48·635	− 4	...	...
...	+21·014	+29·195	− 5	...	...
...	21·048	+54·005	− 4	...	...
...	21·205	+18·971	1·00	...	...
*	21·451	+22·271	1·00	45.9307	10·2
...	22·105	−23·494	− 4	...	...
581					
*	+22·196	−42·890	1·15	46.9334	9·8
*	22·211	−46·867	2·00	46.9333	9·0
...	22·222	+29·325	− 5	...	
...	22·344	+21·716	− 5	...	...
...	22·595	−50·776	− 4	...	...
...	+22·601	−58·436	− 2	...	...
...	22·783	− 7·367	− 5	...	...
†	22·838	+34·907	− 4	...	...
...	23·075	−37·693	− 5	...	...
...	23·085	+21·622	− 2	...	...
591					
...	+23·413	− 4·231	− 5	...	...
...	23·796	+46·448	− 5	...	...
...	23·977	−44·387	− 5	...	...
...	24·115	+33·355	0·95	45.9308	10·4
*	24·183	+22·502	1·00	45.9309	9·8
...	+24·261	+38·860	− 2	...	...
*	24·330	−11·947	1·20	46.9335	9·6
...	24·442	+13·963	− 4	...	...
*	24·651	−49·186	1·00	46.9336	10·4
...	24·802	−33·697	− 2	...	...

424, 427. C.P.D., possibly mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
601–660					
601					
†	+24·900	− 3·395	− 5	...	...
...	25·144	−59·198	− 5	...	...
*	25·303	+56·899	1·00	45.9310	10·4
*	25·314	+45·539	1·10	45.9311	10·2
...	25·561	− 0·714	− 5	...	...
...	+25·770	+23·103	− 5	...	...
*	25·963	+11·721	1·25	45.9312	9·6
...	26·051	+11·412	− 5	...	...
...	26·087	+11·540	− 5	...	...
*	26·165	+ 1·225	2·00	45.9313	9·2
611					
...	+26·189	−50·758	0·65	...	...
...	26·384	−26·729	− 5	...	...
...	26·588	−30·835	0·65	...	...
...	26·720	+19·352	0·90	...	...
...	26·885	−40·613	− 4	...	...
...	+26·989	+40·878	− 4	...	...
*	27·034	− 7·090	1·00	46.9337	10·2
*	27·099	+42·832	1·00	45.9314	10·4
*	27·210	− 6·002	1·00	46.9338	10·4
...	27·211	−14·126	− 5	...	...
621					
...	+27·335	− 6·243	0·75	...	...
...	27·534	−29·098	− 5	...	...
...	27·649	+ 2·669	− 5	...	...
...	27·650	− 3·978	− 5	...	...
...	27·797	+37·832	− 4	...	...
...	+28·132	+50·518	− 5	...	...
...	28·171	−40·619	− 5	...	...
*	28·174	−44·859	1·00	46.9339	10·4
*	28·456	+33·197	1·10	45.9315	10·0
...	28·853	+57·018	− 3	...	...
631					
*	+29·005	+36·587	1·00	...	...
...	29·022	+55·719	− 3	...	...
...	29·029	− 8·631	− 5	...	...
...	29·330	+ 0·854	− 5	...	...
...	29·468	−44·010	− 4	...	...
*	+29·488	− 0·844	2·00	46.9340	9·3
...	29·620	−58·546	− 5	...	...
...	29·743	−56·815	− 5	...	...
...	29·790	−50·605	− 5	...	...
...	30·182	−40·834	− 3	...	...
641					
...	+30·642	+ 6·026	− 4	...	...
...	30·784	−53·743	− 3	...	...
...	30·806	− 2·895	− 4	...	...
...	31·170	−28·288	− 5	...	...
*	31·177	+ 0·519	0·95	46.9341	10·4
...	+31·194	+45·735	− 3	...	...
...	31·287	−30·641	− 1	...	...
*	31·516	−59·756	1·40	47.8900	9·4
...	31·537	+23·353	− 2	...	...
...	31·960	−49·136	− 3	...	...
651					
...	+32·125	−51·909	0·65	...	...
...	32·276	+11·376	− 3	...	...
...	32·377	−36·620	0·65	...	...
†	32·390	− 5·114	− 4	...	...
...	32·573	+14·141	0·65	...	...
...	+33·127	+32·736	− 3	...	...
...	33·143	+43·445	− 1	...	...
*	33·295	−22·292	1·60	46.9342	9·3
*	33·398	−55·111	1·50	46.9343	9·4
...	33·494	− 0·932	− 5	...	...
661–720					
661					
...	+33·581	+32·668	0·70	...	...
...	33·638	−47·439	− 2	...	...
...	33·656	+19·354	0·65	...	...
...	34·066	+27·280	− 4	...	...
...	34·253	+32·993	− 3	...	...
...	+34·332	+53·685	− 5	...	...
...	34·524	−22·861	− 1	...	...
...	34·525	+37·729	− 1	...	...
...	34·559	−58·886	− 4	...	...
...	34·627	−21·130	− 3	...	...
671					
...	+34·636	+46·958	− 3	...	...
†	34·953	−22·580	− 3	...	...
*	35·384	−34·581	0·95	46.9344	10·2
...	35·441	+ 4·737	− 5	...	...
*	35·640	−51·445	0·95	46.9345	10·4
...	+35·681	+26·080	0·90	45.9317	10·4
...	35·685	+ 7·701	− 3	...	...
...	35·814	+ 1·517	− 5	...	...
...	35·826	−38·952	− 4	...	...
...	35·841	+13·731	− 5	...	...
681					
...	+35·860	+51·917	− 3	...	...
...	35·973	+10·295	− 2	...	...
†	36·097	−59·861	− 2	...	...
...	36·133	+ 1·355	− 1	...	...
...	36·141	+ 2·460	− 3	...	...
...	+36·236	+ 4·251	− 4	...	...
...	36·261	+19·259	− 4	...	...
†	36·326	− 0·048	− 4	*f*	...
*	36·474	−16·767	1·30	46.9346	9·6
...	36·482	−26·427	− 5	...	...
691					
...	+36·555	−47·386	− 3	...	...
...	36·579	−26·422	− 2	...	...
...	36·607	+55·308	− 4	...	...
...	36·623	+42·248	− 2	...	...
...	36·806	+27·598	− 4	...	...
...	+36·872	− 8·277	0·85	...	...
...	36·928	+52·839	− 3	...	...
...	37·041	−57·468	− 3	...	...
...	37·220	+38·357	− 1	...	...
...	37·474	+48·874	− 5	...	...
701					
...	+37·661	+58·568	− 5	...	...
*	37·915	−10·637	0·95	46.9347	10·2
*	37·999	+35·365	0·90	45.9318	10·2
*	38·061	−21·658	0·95	46.9348	9·8
...	38·122	−25·104	− 4	...	...
...	+38·150	+ 6·335	− 4	...	...
*	38·377	−21·792	1·30	46.9349	9·6
...	38·415	−32·948	− 4	...	...
...	38·467	−15·596	− 3	...	...
...	38·839	− 8·624	0·65	...	...
711					
...	+38·857	+12·470	− 4	...	...
...	38·858	−54·664	− 1	...	...
...	38·907	+42·714	− 3	...	...
...	38·911	+38·985	− 4	...	...
...	38·972	+55·737	0·85	45.9319	10·4
...	+39·085	+14·936	− 3	...	...
...	39·303	+15·461	− 3	...	...
...	39·632	−29·889	− 4	...	...
...	39·781	+20·238	− 4	...	...
...	39·794	− 8·102	− 5	...	...
721–780					
721					
†	+39·932	−23·846	− 5	...	...
...	40·035	+ 2·975	− 5	...	...
*	40·080	−23·561	1·20	46.9350	9·6
...	40·083	+23·121	− 4	...	...
...	40·133	+ 6·884	− 5	...	...
...	+40·351	−56·988	− 3	...	...
*	40·365	+ 3·897	1·00	45.9320	10·2
...	40·502	−46·670	− 2	...	...
...	40·504	−37·802	− 5	...	...
...	40·655	− 7·657	− 5	...	...
731					
...	+40·693	+ 1·186	− 5	...	...
...	40·796	+43·163	− 5	...	...
...	40·845	+12·452	0·90	...	...
...	40·851	+32·999	0·90	...	...
...	41·322	+20·845	0·75	...	...
†	+41·414	−59·862	− 5	...	...
...	41·425	+20·487	− 5	...	...
...	41·584	−28·164	− 5	...	...
...	41·617	+43·155	− 4	...	...
...	41·726	+42·154	− 5	...	...
741					
‡	+41·728	−40·040	1·00	46.9351	10·0
...	41·786	−50·900	− 5	...	...
*	42·141	−20·755	1·00	46.9352	10·4
...	42·188	+33·644	− 5	...	...
...	42·212	+13·479	− 5	...	...
*	+42·218	−59·600	1·10	47.8910	10·4
*	42·328	−31·632	1·00	46.9353	10·4
...	42·471	−19·157	0·90	46.9354	10·4
...	42·534	+20·387	− 5	...	...
...	42·613	−43·825	− 4	...	...
751					
N †	+42·645	+34·846	− 5	...	...
...	42·842	−14·421	0·90	...	...
*	42·875	+23·092	1·00	45.9321	10·4
...	43·130	+44·631	− 5	...	...
*	43·405	−27·571	1·35	46.9355	9·4
...	+43·420	+ 8·612	0·85	...	...
...	43·426	−14·818	0·70	...	...
*	43·567	+29·974	1·25	45.9322	9·6
*	43·586	− 5·279	1·40	46.9356	9·3
...	43·600	−14·217	− 4	...	...
761					
...	+43·770	−16·416	− 5	...	...
...	43·797	−52·205	− 4	...	...
...	44·085	−38·983	0·90	...	...
...	44·100	− 7·852	− 4	...	...
...	44·187	−24·605	0·95	...	...
...	+44·454	+14·305	0·65	...	...
...	44·521	+37·997	− 4	...	...
...	44·556	+24·082	0·80	...	...
...	44·610	− 3·479	− 5	...	...
...	44·676	+27·866	0·85	...	...
771					
...	+45·181	− 0·888	0·65	...	...
S *	45·322	+ 0·765	5·95	45.9323	5·4
...	45·325	+13·416	− 5	...	...
...	45·334	+57·442	− 5	...	...
...	45·351	−23·788	− 5	...	...
...	+45·402	−58·918	− 4	...	...
...	45·421	− 1·301	− 2	...	...
...	45·610	+12·939	− 5	...	...
...	45·624	+57·656	− 5	...	...
...	45·637	−42·102	− 2	...	...

751. Image faulty.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
781–820					
781	′	′	°		
...	+45·663	+23·033	− 3	...	...
...	45·756	− 7·413	− 5	...	...
*	45·808	+21·435	1·00	45.9324	10·4
...	45·857	+19·335	− 3	...	...
...	45·874	−25·318	− 5	...	...
...	+45·883	+ 6·498	− 5	...	...
...	46·162	− 9·726	− 1	...	...
...	46·336	− 9·931	− 4	...	...
...	46·632	+39·305	− 5	...	...
...	46·696	+20·384	0·95	45.9325	10·4
791					
*	+46·739	−46·432	1·00	46.9358	10·4
*	46·830	− 5·823	1·00	46.9357	10·2
...	46·899	+34·299	− 2	...	...
...	46·963	+58·401	− 5	...	...
*	47·082	−22·386	2·00	46.9359	9·1
...	+47·120	−28·870	− 2	...	...
*	47·314	+12·106	2·00	45.9326	9·1
...	47·400	+17·085	0·75	...	...
*	47·543	+ 5·430	1·35	45.9328	9·6
*	47·612	+28·468	1·15	45.9327	9·9
801					
†	+47·740	− 5·057	− 4	...	...
...	48·007	−44·165	− 5	...	...
*	48·228	− 9·801	1·00	46.9360	10·2
...	48·244	−13·087	− 5	...	...
‡	48·460	+10·114	5·80	45.9330	6·0
*	+48·653	+35·092	1·00	45.9329	10·4
...	48·739	−38·184	− 5	...	...
...	48·780	−10·574	0·85	46.9361	10·4
...	48·837	+36·043	− 4	...	...
...	48·927	+16·013	− 5	...	...
811					
*	+49·022	+50·896	1·00	45.9331	10·4
...	49·364	−42·644	− 3	...	...
...	49·368	+37·326	1·00	...	...
...	49·466	−19·264	0·80	...	...
...	49·654	+31·995	− 5	...	...
...	+49·722	+ 5·472	0·90	...	...
...	49·759	−27·060	− 3	...	...
...	49·985	−21·023	0·70	...	...
...	50·442	+17·394	− 4	...	...
*	50·517	−51·795	1·00	46.9362	10·2
821–860					
821	′	′	°		
...	+50·868	+23·751	− 5	...	...
...	50·924	−30·072	− 4	...	...
...	51·206	+35·127	− 5	...	...
...	51·533	+43·284	− 4	...	...
...	51·556	+19·342	− 4	...	...
...	+51·608	+48·741	− 3	...	...
...	52·280	+44·172	− 1	...	...
*	52·356	+54·110	1·10	45.9332	10·2
...	52·519	−19·081	− 3	...	...
...	52·563	+38·552	− 1	...	...
831					
...	+52·704	+ 1·517	− 3	...	...
...	52·866	+52·566	− 3	...	...
...	52·956	−26·233	− 3	...	...
...	53·214	−39·695	0·90	46.9363	10·2
...	53·621	+20·288	− 4	...	...
...	+53·701	−52·375	0·90	46.9365	10·4
...	53·858	−48·979	0·95	46.9364	10·4
...	53·954	+26·892	− 3	...	...
...	54·005	+34·217	− 2	...	...
...	54·434	−37·777	− 4	...	...
841					
...	+54·707	−13·068	− 2	...	...
...	54·765	+31·812	− 4	...	...
...	54·795	+59·342	− 2	...	...
†	54·809	−14·553	− 2	...	...
...	55·198	−21·951	0·70	...	...
*	+55·426	−12·656	0·90	46.9366	10·2
...	55·500	+23·962	− 1	...	...
...	55·939	−24·528	− 4	...	...
...	56·139	+21·504	− 4	...	...
...	56·449	+ 2·309	− 4	...	...
851					
...	+56·626	+33·272	− 2	...	...
...	56·668	−14·121	− 3	...	...
...	56·768	+35·716	− 1	...	...
...	56·798	+22·106	− 4	...	...
...	56·934	+24·562	− 4	...	...
...	+57·220	−51·995	− 3	...	...
...	57·254	−41·072	− 3	...	...
...	57·513	+40·060	− 2	...	...
...	57·581	+ 3·412	− 4	...	...
...	57·621	−18·656	− 4	...	...
861–874					
861	′	′	°		
...	+57·993	−47·217	− 4	...	...
...	58·023	−23·751	− 5	...	...
S *	58·184	+44·996	2·00	45.9333	8·7
...	58·202	+ 0·297	− 2	...	...
...	58·486	−32·644	− 3	...	...
...	+58·504	−52·517	0·95	46.9367	10·4
...	58·718	−12·026	− 4	...	...
*	58·985	−40·888	1·10	46.9368	10·2
*	59·143	+13·136	1·60	45.9334	9·0
...	59·303	− 1·193	− 4	...	...
871					
...	+59·484	+42·647	− 2	...	...
*	59·491	−29·347	1·00	46.9369	10·2
...	59·517	+25·469	− 4	...	...
*	59·668	+46·247	0·95	45.9335	10·2

I	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1–10					
I	′	′	°		
...	−59·536	+18·901	− 5	...	...
...	59·525	− 3·692	− 4	...	...
...	59·323	+13·206	− 4	...	...
...	59·294	+22·824	− 2	...	...
...	59·265	−24·837	1·00	...	...
...	−59·217	− 8·093	− 5	...	...
...	59·143	−16·601	− 5	...	...
...	59·114	+58·217	− 5	...	...
*	59·103	+21·219	1·00	45.9324	10·4
...	59·033	− 1·104	0·70	...	...
11–20					
II	′	′	°		
...	−59·029	+12·722	− 5	...	...
...	58·991	+19·128	0·65	...	...
...	58·923	−39·204	0·90	...	...
S*	58·915	+ 0·563	6·00	45.9323	5·4
...	58·835	+39·118	− 5	...	...
...	−58·790	−52·444	− 4	...	...
...	58·767	− 1·503	0·65	...	...
...	58·566	+ 6·303	− 3	...	...
...	58·414	+34·118	− 2	...	...
...	58·247	− 7·604	− 4	...	...
21–30					
21	′	′	°		
...	−58·175	+20·205	1·00	45.9325	10·4
...	58·138	−23·995	− 5	...	...
...	57·848	− 1·848	− 4	...	...
...	57·765	− 9·903	0·85	...	...
...	57·582	−10·101	− 3	...	...
...	−57·569	−25·503	− 5	...	...
...	57·559	−56·861	− 5	...	...
*	57·514	+28·312	1·30	45.9327	9·9
...	57·376	+16·927	0·75	...	...
*	57·285	+11·935	1·90	45.9326	9·1

L measured from 1, 101, 188, 276, 381, 475, 547, 622, 682, 749, 816, 900.
ES „ „ 61, 146, 232, 324, 421, 510, 580, 656, 715, 776, 864, 934.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
31–90					
31				°	
...	−57·263	−42·291	− 1	...	...
*	57·213	− 5·991	1·00	46.9357	10·2
...	56·962	−59·110	− 4	...	...
...	56·895	− 6·533	− 5	...	...
*	56·852	+ 5·282	1·30	45.9328	9·6
...	−56·825	+50·777	1·10	45.9331	10·4
...	56·772	+43·929	− 5	...	...
...	56·679	+34·974	1·00	45.9329	10·4
...	56·545	+35·926	− 4	...	...
†	56·501	−19·956	− 5	...	...
41					
...	−56·445	+28·912	− 5	...	...
*	56·437	−22·547	1·90	46.9359	9·1
...	56·323	− 5·193	− 1	...	...
...	56·206	−29·018	0·75	...	...
‡	56·076	+ 9·987	5·50	45.9330	6·0
*	−56·045	+37·221	1·00	...	...
*	56·032	−46·580	1·10	46.9358	10·4
...	55·821	+15·907	− 5	...	...
*	55·701	− 9·909	0·95	46.9360	10·2
...	55·594	−15·984	− 5	...	...
51					
...	−55·587	+31·890	− 3	...	...
...	55·572	−13·201	− 4	...	...
...	55·571	−18·258	− 5	...	...
...	55·543	+ 6·904	− 5	...	...
...	55·361	+58·027	− 5	...	...
...	−55·273	+20·050	− 5	...	...
...	55·224	−21·467	− 5	...	...
...	55·125	−10·680	1·00	46.9361	10·4
...	55·100	+11·025	− 5	...	...
...	55·077	−56·590	− 5	...	...
61					
...	−54·842	−44·263	− 5	...	...
...	54·684	+ 5·402	0·90	...	...
...	54·529	+11·247	− 4	...	...
...	54·349	+17·332	− 3	...	...
...	54·284	−38·273	− 3	...	...
...	−54·170	−19·336	0·70	...	...
...	54·148	+48·710	0·65	...	...
...	54·126	+35·087	− 5	...	...
...	54·110	+23·703	− 4	...	...
...	54·074	+43·252	− 3	...	...
71					
...	−54·002	+23·494	− 4	...	...
†	53·639	−44·886	− 5	...	...
...	53·620	− 2·230	− 5	M	...
...	53·620	−27·111	− 2	...	...
...	53·588	−21·087	0·90	...	...
*	−53·574	+54·091	1·15	45.9332	10·2
...	53·532	−42·706	− 1	...	...
...	53·345	+44·160	0·85	...	...
...	53·295	+19·313	− 4	...	...
...	53·029	+52·567	− 1	...	...
81					
...	−52·882	+38·551	0·85	...	...
...	52·364	−30·091	− 3	...	...
...	52·281	+ 7·594	− 5	...	...
*	52·082	−51·837	1·25	46.9362	10·2
...	51·883	+39·464	− 5	...	...
...	−51·825	+39·110	− 5	...	...
...	51·587	+ 1·544	− 2	...	...
...	51·322	+34·259	0·70	...	...
...	51·305	+59·397	0·90	...	...
...	51·251	+20·338	− 3	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
91–150					
91				°	
...	−51·242	+18·970	− 5	...	...
...	51·145	+26·937	− 2	...	...
...	51·122	−19·057	− 2	...	...
...	50·944	−23·830	− 5	...	...
...	50·633	−34·711	− 5	...	...
...	−50·469	+31·881	− 4	...	...
...	50·449	−26·190	− 2	...	...
...	50·232	+34·410	− 5	...	...
...	50·172	+ 9·399	− 5	...	...
...	50·093	+44·711	− 4	...	...
101					
...	−49·838	−41·212	− 4	...	...
*	49·771	−39·630	1·00	46.9363	10·2
...	49·726	−27·157	− 5	...	...
...	49·660	+21·386	− 5	...	...
...	49·584	−50·058	− 5	...	...
...	−49·493	+24·057	0·90	...	...
...	49·114	−12·962	0·75	...	...
...	48·977	+30·772	− 5	...	...
...	48·972	−14·444	0·80	...	...
*	48·884	−52·293	1·05	46.9365	10·4
111					
*	−48·856	−48·891	1·00	46.9364	10·4
...	48·776	+21·627	− 4	...	...
...	48·762	+49·423	− 5	...	...
...	48·659	+33·389	0·90	...	...
...	48·619	−37·675	− 4	...	...
*	−48·605	+35·847	1·00	...	...
*	48·420	−12·545	1·00	46.9366	10·2
...	48·336	−21·853	1·00	...	...
...	48·297	+16·571	− 5	...	...
...	48·225	− 4·831	− 5	M	...
121					
...	−48·138	+22·239	− 4	...	...
...	48·083	+24·704	0·65	...	...
...	47·990	+40·204	0·85	...	...
...	47·872	+ 2·446	− 2	...	...
...	47·532	−24·392	− 3	...	...
...	−47·461	−46·947	− 5	...	...
S*	47·457	+45·161	2·00	45.9333	8·7
...	47·127	−13·971	0·75	...	...
...	47·059	+39·239	− 5	...	...
...	46·768	+ 3·578	− 3	...	...
131					
...	−46·180	+35·902	− 5	...	...
...	46·099	+42·864	0·85	...	...
...	46·047	+ 0·488	0·70	...	...
*	46·036	+46·466	1·15	45.9335	10·2
...	46·020	−18·470	− 2	...	...
...	−45·968	+48·159	− 4	...	...
...	45·691	−40·890	− 2	...	...
...	45·648	+54·922	− 4	...	...
...	45·535	+25·692	− 3	...	...
*	45·508	+13·349	2·00	45.9334	9·0
141					
...	−45·480	−23·544	− 5	...	...
...	45·453	− 0·472	− 5	M	...
...	45·393	−51·807	− 2	...	...
...	45·153	−11·809	− 5	...	...
...	45·018	+20·305	− 5	...	...
†	−44·905	− 0·965	− 3	...	...
...	44·778	−47·005	− 3	...	...
...	44·727	−32·422	− 3	...	...
...	44·694	+39·471	0·70	...	...
...	44·670	+49·177	− 5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
151–210					
151				°	
...	−44·151	+25·508	− 5	...	...
...	44·141	+ 4·288	− 5	...	...
*	44·083	−52·281	1·20	46.9367	10·4
*	43·982	−40·653	1·10	46.9368	10·2
...	43·934	+ 7·071	0·70	...	...
*	−43·824	−29·100	1·15	46.9369	10·2
...	43·640	−14·399	− 5	...	...
...	43·634	−18·569	− 5	...	...
*	43·581	+ 7·776	1·70	45.9336	9·3
...	43·463	−54·994	− 5	M	...
161					
...	−43·303	+29·511	− 3	...	...
...	43·261	−21·017	− 5	...	...
...	42·916	+58·702	− 4	...	...
...	42·674	−28·771	− 3	...	...
...	42·496	+24·313	0·85	...	...
...	−42·463	+ 1·276	− 1	...	...
...	42·445	+14·834	0·65	...	...
...	42·270	+ 4·780	− 5	...	...
...	42·138	−38·282	− 4	...	...
...	41·964	−16·126	− 4	...	...
171					
...	−41·727	+ 3·630	0·75	...	...
...	41·720	+38·787	− 5	...	...
*	41·716	−24·414	1·10	46.9370	10·4
*	41·692	+ 5·754	1·30	45.9337	9·8
...	41·642	−35·041	− 3	...	...
...	−41·483	−41·666	0·80	...	...
...	41·351	+ 4·598	− 5	...	...
...	41·217	+56·894	0·75	...	...
...	41·055	−54·780	− 3	...	...
...	40·847	−16·726	− 2	...	...
181					
...	−40·637	−43·820	0·90	...	...
*	40·627	− 3·911	1·40	46.9371	9·8
...	40·521	−45·284	− 5	M	...
*	40·517	+57·522	1·05	...	...
...	40·404	+42·892	− 5	...	...
...	−40·261	+16·276	− 4	...	...
...	40·090	+38·640	− 5	...	...
†	39·868	− 8·364	− 4	...	...
...	39·676	+36·013	− 5	...	...
...	39·583	+34·271	− 2	...	...
191					
...	−39·399	−27·119	− 5	...	...
...	39·236	−13·077	− 3	...	...
...	38·963	−48·417	0·95	...	...
...	38·918	+16·670	− 3	...	...
S*	38·725	− 8·640	2·30	46.9372	8·4
*	−38·686	− 1·501	1·00	46.9373	10·2
†	38·585	+ 4·930	− 5	...	...
...	38·486	+31·001	0·90	...	...
...	38·407	+36·349	− 2	...	...
S*	38·368	+25·399	2·00	45.9338	8·6
201					
...	−38·235	− 4·222	− 5	M	...
...	38·186	−28·394	− 3	...	...
*	38·021	−29·389	1·25	46.9374	9·6
...	37·753	−18·464	− 1	...	...
...	37·720	−27·988	0·75	...	...
...	−37·695	+38·884	− 5	...	...
...	37·606	−13·754	− 5	...	...
...	37·602	+13·007	0·75	...	...
...	37·562	−28·802	− 5	M	...
...	37·459	−43·044	0·90	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
211–270					
211	′	′	°		
…	−37·129	−42·139	− 3	…	…
*	37·087	−58·291	1·15	46.9375	10·4
…	37·075	+28·291	− 5	…	…
…	37·011	−52·810	− 5	…	…
…	36·852	−54·154	0·90	…	…
…	−36·839	−34·880	− 5	M	…
…	36·616	−16·084	− 5	…	…
…	36·433	+ 4·478	− 5	…	…
…	36·420	−42·987	− 5	…	…
…	36·378	−53·658	− 2	…	…
221					
…	−36·284	+28·548	− 5	…	…
…	36·172	− 1·683	− 5	…	…
…	35·991	− 8·101	− 5	…	…
…	35·820	−38·073	− 5	…	…
…	35·773	+58·275	− 4	…	…
…	−35·696	+ 6·383	0·80	…	…
…	35·424	+11·171	− 5	…	…
…	35·227	− 9·558	− 5	…	…
…	35·143	−33·447	− 5	M	…
…	35·138	+ 8·776	0·70	…	…
231					
†	−34·987	+ 4·202	− 5	…	…
†	34·897	+23·945	0·65	…	…
…	34·887	−42·448	− 5	…	…
…	34·826	+34·558	− 5	…	…
…	34·679	+34·423	− 3	…	…
…	−34·647	+ 8·044	− 1	…	…
…	34·629	+23·317	− 5	…	…
…	34·299	+47·885	− 4	…	…
…	34·232	+ 3·652	0·90	45.9339	10·4
…	34·220	+46·642	− 5	…	…
241					
…	−34·011	+22·359	− 5	…	…
…	33·992	+55·378	− 5	…	…
…	33·976	−19·599	− 5	…	…
…	33·970	+ 4·675	− 5	…	…
…	33·781	−53·728	0·75	…	…
…	−33·310	−21·706	− 5	…	…
…	33·259	+43·131	− 4	…	…
…	33·213	+51·369	− 5	…	…
…	32·923	+23·726	0·75	…	…
…	32·836	+59·039	− 4	…	…
251					
…	−32·786	+39·091	− 5	…	…
†	32·588	+49·787	− 1	…	…
…	32·534	−59·160	− 3	…	…
*	32·438	−38·478	1·00	46.9376	10·4
…	32·415	+ 0·174	− 5	…	…
…	−32·203	+11·258	0·70	…	…
…	32·070	−15·850	− 3	…	…
…	32·001	+34·026	0·75	…	…
…	31·996	−36·344	− 2	…	…
*	31·914	+52·034	1·25	45.9340	10·2
261					
…	−31·909	−30·799	− 5	…	…
*	31·694	+57·658	1·40	45.9341	9·9
…	31·661	+22·473	0·65	…	…
…	31·649	+53·734	− 5	…	…
…	31·395	+28·215	− 5	…	…
*	−31·368	+41·378	1·25	45.9342	9·9
*	31·136	−31·232	1·00	46.9378	10·4
…	31·130	−41·536	− 3	…	…
*	30·978	−48·298	1·20	46.9377	10·4
…	30·801	+32·265	0·75	…	…
271–330					
271	′	′	°		
…	−30·677	+45·162	0·80	…	…
…	30·661	+ 9·787	− 1	…	…
…	30·608	− 4·169	− 3	…	…
…	30·370	−46·322	− 3	…	…
…	30·252	+41·475	− 5	…	…
†	−29·919	−36·212	− 5	…	…
†	29·914	+25·788	− 5	…	…
…	29·873	+21·336	− 5	…	…
…	29·818	+32·552	− 5	…	…
*	29·783	+13·066	1·40	45.9343	9·3
281					
*	−29·367	−24·363	1·00	46.9379	10·4
…	29·168	−24·575	− 5	…	…
†	29·116	+19·929	− 5	…	…
†	29·093	−44·942	− 5	…	…
…	28·959	−50·519	− 3	…	…
…	−28·856	−22·548	− 5	…	…
…	28·703	+23·116	− 2	…	…
…	28·427	−46·676	− 4	…	…
…	28·201	+56·704	0·95	…	…
†	28·140	−54·872	− 5	…	…
291					
…	−28·037	−21·916	1·00	…	…
…	27·938	−22·382	− 4	…	…
…	27·799	−18·256	− 5	…	…
*	27·733	−49·999	1·05	46.9380	9·9
…	27·682	+34·765	0·75	…	…
…	−27·658	−30·252	0·95	…	…
…	27·443	+53·827	− 3	…	…
…	27·378	−49·202	0·90	…	…
…	27·338	−57·991	− 5	…	…
*	27·293	+ 7·815	1·70	45.9344	9·0
301					
…	−27·234	+45·286	0·90	…	…
*	27·163	+23·906	1·00	45.9345	10·4
…	27·139	+41·184	− 2	…	…
…	26·806	−44·455	− 4	…	…
…	26·754	−36·344	− 4	…	…
*	−26·665	−58·927	1·00	…	…
…	26·651	−12·100	− 5	…	…
…	26·600	−49·167	0·65	…	…
…	26·471	−42·070	0·75	…	…
…	26·245	−45·067	1·00	46.9381	10·4
311					
…	−26·227	+18·085	− 5	…	…
S *	26·184	−46·107	1·90	46.9382	8·8
…	26·176	+56·509	− 2	…	…
…	25·879	+47·673	0·70	…	…
…	25·861	−28·191	− 5	…	…
…	−25·697	−27·542	0·95	46.9383	10·4
…	25·580	+ 0·252	− 4	…	…
†	25·541	+44·813	− 5	…	…
…	25·505	+47·336	0·80	…	…
…	25·504	−22·557	− 5	…	…
321					
…	−25·381	−47·696	− 5	…	…
…	25·158	−58·831	0·90	…	…
‡	25·026	+ 8·565	1·00	45.9347	10·4
†	24·950	− 6·664	− 3	…	…
‡	24·881	+ 2·650	1·30	45.9346	9·6
‡	−24·864	+46·905	1·10	45.9348	10·0
*	24·752	+57·520	1·00	45.9349	10·4
…	24·736	−20·217	− 3	…	…
…	24·672	+32·579	− 2	…	…
*	24·525	−47·884	1·20	46.9384	10·0
331–390					
331	′	′	°		
…	−24·309	−56·082	− 5	…	…
…	24·308	+38·095	− 5	…	…
…	24·218	+33·667	− 3	…	…
*	24·216	−11·103	1·60	46.9385	9·6
…	24·181	+52·709	− 5	…	…
…	−24·174	+45·897	0·90	…	…
*	24·023	−33·637	1·00	46.9386	10·4
…	23·960	+18·953	− 5	…	…
…	23·908	−47·718	0·75	…	…
*	23·790	+32·741	1·10	45.9350	10·2
341					
…	−23·690	−33·973	− 5	…	…
…	23·526	−49·575	0·95	…	…
…	23·503	+ 8·595	− 4	…	…
…	23·425	+ 5·147	− 4	…	…
…	23·186	− 5·152	0·95	46.9387	10·4
…	−23·171	+52·860	− 5	…	…
…	23·087	− 1·153	− 5	…	…
…	23·027	−48·376	− 5	M	…
…	22·892	+31·203	− 5	…	…
…	22·890	+ 9·513	− 4	…	…
351					
*	−22·788	+ 7·737	1·05	45.9351	10·0
…	22·671	+58·409	− 5	…	…
…	22·631	−37·637	− 5	…	…
*	22·387	+54·161	1·20	45.9352	10·2
S *	22·322	− 1·097	3·10	46.9389	8·2
*	−22·171	−39·289	1·00	46.9388	10·2
…	22·070	−25·165	− 5	…	…
†	21·968	−39·917	− 2	…	…
*	21·866	− 4·800	1·00	46.9390	9·9
…	21·769	−43·792	− 4	…	…
361					
*	−21·731	+43·517	1·30	45.9353	9·8
*	21·691	+58·212	1·15	45.9354	10·2
…	21·382	+48·781	− 5	…	…
…	21·380	+33·734	− 5	…	…
…	21·370	−38·382	− 2	…	…
…	−21·312	−27·848	− 4	…	…
…	21·311	+48·546	− 5	…	…
…	21·279	+23·804	0·95	45.9355	10·4
…	21·022	+33·653	0·75	…	…
*	20·955	+51·755	1·20	45.9356	9·9
371					
*	−20·923	−27·983	1·10	46.9391	10·2
…	20·693	+53·320	0·80	…	…
…	20·530	+47·375	0·95	45.9357	10·4
…	20·448	+44·996	− 5	…	…
…	20·295	+14·732	− 3	…	…
*	−20·175	+38·421	1·05	45.9359	10·4
…	20·156	−17·808	− 2	…	…
…	20·067	+32·664	− 5	…	…
…	20·067	−26·700	0·90	…	…
†	19·995	+25·179	0·90	45.9358	10·2
381					
†	−19·903	−55·703	0·95	…	…
…	19·784	+32·693	− 4	…	…
…	19·697	+36·619	0·95	…	…
…	19·543	−29·356	− 4	…	…
…	19·360	−48·258	− 2	…	…
…	−19·169	+31·029	0·95	…	…
…	19·010	−56·179	0·80	…	…
…	18·777	−11·044	− 4	…	…
…	18·737	+41·163	− 5	…	…
†	18·729	−15·087	0·85	46.9392	10·4

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
391–450					
391					
...	−18·568	−59·645	− 5	...	...
...	18·442	+29·294	0·90	...	...
*	18·169	−53·992	1·20	46.9393	9·6
*	18·148	−37·184	1·00	46.9394	10·2
...	18·111	+30·781	0·65	...	...
...	−17·964	+17·874	− 5	...	...
...	17·921	−27·560	− 5	...	...
...	17·770	+30·815	− 5	...	...
...	17·609	+11·530	− 5	...	...
...	17·515	+20·737	0·95	45.9360	10·2
401					
...	−17·382	− 1·168	− 5	...	...
...	17·369	+35·502	− 4	...	...
...	17·176	+25·582	− 2	...	...
...	17·140	−32·190	− 4	...	...
...	17·071	−22·742	− 4	...	...
...	−17·002	− 6·604	− 1	...	...
...	16·740	− 6·574	− 5	...	...
...	16·608	+36·930	1·00	45.9361	10·4
...	16·458	−16·388	0·70	...	...
*	16·413	+41·320	1·30	45.9362	9·6
411					
...	−16·165	−42·951	0·80	...	...
...	16·154	− 7·330	− 3	...	...
†	15·880	−15·019	− 4	...	...
*	15·619	+53·835	1·00	45.9363	10·0
...	15·432	+36·788	0·85	...	...
...	−15·364	+51·945	0·90	...	...
...	15·304	−25·210	− 5	...	...
...	15·302	+ 1·128	− 5	...	...
...	15·183	+36·490	− 5	...	...
...	15·110	− 1·024	− 4	...	...
421					
...	−14·837	+58·998	− 5	...	...
...	14·728	−43·656	0·85	...	...
...	14·711	+33·550	− 5	...	...
...	14·659	+ 4·623	− 5	...	...
...	14·629	+49·449	1·00	45.9364	10·4
...	−14·255	+37·910	0·65	...	...
...	14·221	−15·390	− 5	...	...
...	14·147	+35·271	0·85	45.9365	10·4
...	14·094	−48·041	− 2	...	...
...	13·824	+ 9·720	− 5	...	...
431					
...	−13·797	+24·712	0·70	...	...
...	13·783	+41·209	− 5	...	...
*	13·767	+58·688	1·00	45.9366	10·4
...	13·742	+26·117	− 5	...	...
...	13·678	+54·632	− 4	...	...
...	−13·587	+21·229	− 5	...	...
...	13·518	+47·790	0·80	...	...
...	13·508	+ 6·193	− 5	...	...
...	13·231	−34·827	0·80	46.9396	10·4
...	12·990	−53·584	0·90	46.9395	10·4
441					
...	−12·947	+ 2·793	− 4	...	...
...	12·792	−49·819	− 5	...	...
...	12·727	+46·325	− 4	...	...
*	12·509	+47·987	1·10	45.9367	10·2
...	12·101	−26·149	− 5	...	...
...	−12·039	−52·783	0·75	...	...
...	11·989	+ 4·531	− 5	...	...
...	11·945	−36·366	0·90	...	...
...	11·826	+51·687	− 5	...	...
...	11·699	+28·136	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
451–510					
451					
...	−11·431	+17·081	1·05	45.9369	10·4
*	11·414	+14·777	1·15	45.9368	9·9
...	11·358	+50·536	− 4	...	...
...	11·353	−47·799	− 5	...	...
...	11·068	+28·940	− 4	...	...
...	−10·873	−52·690	− 5	...	...
...	10·847	+ 9·657	− 5	...	...
...	10·811	+33·805	− 1	...	...
...	10·757	+20·139	− 3	...	...
...	10·698	+56·251	− 2	...	...
461					
...	−10·642	− 0·424	− 3	...	...
*	10·561	+23·516	1·30	45.9370	9·3
...	10·553	−44·722	− 3	...	...
...	10·446	− 6·634	− 4	...	...
*	10·409	−30·229	1·00	46.9397	10·2
...	−10·332	−57·020	0·80	...	...
...	10·202	− 7·844	− 4	...	...
...	10·152	−22·955	− 5	...	...
...	10·142	+14·824	0·70	...	...
...	10·136	−48·951	− 5	...	...
471					
...	−10·114	−48·392	− 5	...	...
†	10·044	−22·306	− 5	...	...
‡	10·034	+55·411	1·00	45.9372	10·4
†	10·007	−12·240	− 2	...	...
...	9·752	+15·013	1·00	45.9371	10·2
...	− 9·616	−27·248	− 5	...	...
...	9·593	−50·286	− 2	...	...
...	9·584	−59·692	− 4	...	...
...	9·574	+54·920	− 3	...	...
...	9·523	+35·230	− 5	...	...
481					
...	− 9·333	−54·572	− 5	...	...
‡	9·190	+19·881	1·20	45.9373	9·6
...	9·171	−26·378	− 5	...	...
...	9·027	+14·578	− 5	...	...
*	8·933	−12·878	1·10	46.9398	9·6
...	− 8·415	+59·617	− 2	...	...
...	8·383	+31·397	− 3	...	...
...	8·309	−32·794	− 4	...	...
...	8·303	+31·610	− 5	...	...
...	8·207	+20·262	− 5	...	...
491					
...	− 8·180	−48·887	0·70	...	...
...	8·031	+ 4·841	− 4	...	...
*	7·626	+25·563	1·00	45.9374	10·4
...	7·236	−43·294	− 5	...	...
...	7·069	+29·597	0·80	...	...
S *	− 6·943	+48·068	2·05	45.9375	8·4
...	6·580	+41·701	0·95	45.9376	10·4
...	6·399	+26·051	− 5	...	...
...	6·366	−19·075	− 2	...	...
†	6·357	−24·963	− 2	...	...
501					
...	− 6·224	+40·704	− 5	...	...
... [	6·215	+54·717	− 4	...	...
† [	6·143	+54·760	0·95	45.9377	10·4
...	6·197	+48·734	− 5	...	...
...	5·710	− 3·753	− 3	...	...
...	− 5·388	−26·600	− 4	...	...
...	5·385	+17·504	− 3	...	...
*	5·324	−58·140	1·25	46.9399	9·8
...	5·149	−48·067	− 2	...	...
...	4·884	+49·984	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
511–570					
511					
*	− 4·685	+17·069	1·15	45.9378	9·9
...	4·672	+57·944	− 3	...	...
...	4·627	−26·859	− 4	...	...
...	4·571	−10·192	− 5	...	...
...	4·284	+37·796	− 1	...	...
...	− 4·144	−32·807	− 2	...	...
†	3·905	− 0·107	− 3	...	...
...	3·840	+57·514	0·90	...	...
...	3·635	+ 4·695	− 3	...	...
...	3·610	−38·462	− 4	...	...
521					
...	− 3·537	−37·609	− 5	...	...
...	3·534	− 1·081	− 5	...	...
...	3·428	+56·364	− 4	...	...
...	3·241	+59·196	− 4	...	...
...	3·204	+58·743	− 5	...	...
...	− 3·030	−14·148	− 4	...	...
...	3·015	+15·253	− 1	...	...
...	2·756	−16·284	− 4	...	...
...	2·162	−39·838	− 5	...	...
...	2·051	−24·117	− 3	...	...
531					
...	− 1·949	+43·696	− 3	..	...
...	1·793	+28·449	− 5	...	...
...	1·642	−38·612	− 3	...	...
...	1·594	−20·430	− 4	...	...
...	1·582	−37·806	− 4	...	...
...	− 1·426	−31·839	− 4	...	...
*	1·419	+ 8·121	1·70	45.9379	9·6
...	1·348	+36·754	− 1	...	...
...	1·091	+58·096	− 3	...	...
...	0·903	−10·294	0·65	...	...
541					
...	− 0·882	−53·379	0·90	...	...
...	0·830	−16·304	− 5	...	...
...	0·791	−41·087	− 4	...	...
...	0·645	−43·774	0·85	...	...
...	0·337	− 0·619	− 4	...	...
...	− 0·298	−34·874	− 3	...	...
...	+ 0·139	+ 1·446	− 5	...	...
*	0·172	+ 4·250	1·40	45.9381	9·6
...	0·199	−25·380	− 4	...	...
...	0·252	−51·794	0·65	...	...
551					
...	+ 0·319	+11·232	1·00	...	...
...	0·625	−19·191	− 4	...	...
*	0·797	−49·070	1·10	46.9400	10·0
...	0·856	−25·357	− 5	...	...
...	0·966	+20·831	0·95	45.9382	10·4
...	+ 1·211	+15·774	− 5	...	...
...	1·263	−11·153	− 4	...	...
...	1·336	−31·448	− 4	...	...
...	1·388	+29·495	− 3	...	...
...	1·646	−41·650	− 3	...	...
561					
*	+ 1·879	−38·614	1·00	46.9401	9·8
...	2·440	+39·422	0·65	...	...
*	2·447	+25·049	1·25	45.9383	9·8
...	2·641	+35·950	− 5	...	...
...	2·686	−54·648	− 5	...	...
...	+ 2·709	−38·847	− 5	...	...
...	2·858	+59·419	− 4	...	...
...	3·065	−46·100	− 5	...	...
...	3·115	+37·901	0·70	...	...
...	3·307	−13·851	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2	C.P.D. No.	C.P.D. Mag.
571–630					
571					
*	+ 3·595	+35·887	1·00	45·9385	9·9
*	3·611	−33·850	1·00	...	...
...	3·692	−44·680	− 5	...	...
‡	3·724	+29·779	1·00	45·9386	9·9
*	3·728	+52·262	1·25	45·9384	9·8
...	+ 4·307	−47·163	− 4	...	...
...	4·549	−44·836	− 3	...	...
...	4·670	+20·297	− 4	...	...
...	4·707	− 4·806	− 2	...	...
...	5·084	+36·281	− 4	...	...
581					
S *	+ 5·109	−36·638	2·25	46·9402	8·8
...	5·122	−48·791	− 4	...	...
...	5·201	−25·484	− 1	...	...
...	5·399	+51·395	− 4	...	...
...	5·477	− 0·228	− 4	...	...
...	+ 5·886	+44·929	− 2	...	...
...	5·967	+50·485	− 4	...	...
S *	6·393	+40·135	2·50	45·9387	8·4
*	6·867	+13·847	1·70	45·9388	9·4
...	6·925	+20·570	− 4	...	...
591					
...	+ 7·102	+51·331	− 5	...	...
...	7·303	−38·940	− 5	...	...
...	7·508	+55·196	− 5	...	...
*	7·525	−38·853	1·80	46·9403	9·4
...	7·600	−39·016	− 5	...	...
...	+ 7·649	−44·027	− 2	...	...
...	7·725	−11·009	− 3	...	...
...	7·741	−21·275	− 5	...	...
...	7·858	−48·754	− 4	...	...
...	8·013	−38·779	− 2	...	...
601					
...	+ 8·099	+41·690	− 4	...	...
...	8·234	− 8·936	− 5	...	...
...	8·428	+17·655	− 5	...	...
...	8·448	−34·675	− 5	...	...
...	8·516	+26·677	− 3	...	...
...	+ 8·543	− 9·893	− 5	...	...
...	8·661	−40·869	− 3	...	...
...	8·718	+34·489	− 4	...	...
...	8·774	−30·901	− 3	...	...
...	8·962	−31·020	− 4	...	...
611					
*	+ 9·152	+37·313	1·15	45·9389	9·9
...	9·558	+34·651	− 3	...	...
...	9·619	+34·118	− 2	...	...
...	9·633	−31·804	− 5	...	...
...	9·666	+45·665	− 3	...	...
*	+ 9·685	+ 2·992	1·40	45·9390	9·9
...	9·689	−36·058	0·80	...	...
...	9·697	−31·132	− 3	...	...
...	9·698	−33·686	− 3	...	...
‡	9·853	+27·020	3·20	45·9391	8·0
621					
†	+ 9·929	+29·699	− 4	...	...
...	10·077	+40·785	0·70	...	...
†	10·261	+19·865	− 5	...	...
*	10·310	−20·954	1·30	46·9404	9·6
...	10·561	−38·855	0·70	...	...
*	+10·707	−18·841	1·00	46·9405	10·4
...	10·807	+ 5·432	− 4	...	...
...	10·834	−45·696	− 4	...	...
...	11·002	−46·633	− 5	...	...
*	11·208	−26·462	1·00	46·9406	9·9

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
631–690					
631					
...	+11·505	+25·519	− 4	...	...
...	11·534	+26·830	− 4	...	...
...	11·534	+37·952	− 4	...	...
...	11·957	− 0·172	0·90	46·9407	10·4
...	12·055	−26·450	− 5	...	...
...	+12·477	−58·462	0·90	...	...
...	12·514	+52·003	0·90	...	...
...	12·754	−56·103	0·90	...	...
...	12·877	−42·050	− 5	...	...
...	13·099	−58·777	− 5	...	...
641					
...	+13·178	+35·425	− 5	...	...
...	13·448	+25·895	− 5	...	...
...	13·753	−55·750	0·85	...	...
...	13·775	+42·015	0·65	...	...
...	13·888	−30·706	− 5	...	...
...	+13·918	+52·980	− 5	...	...
*	13·937	− 1·360	1·00	46·9408	10·2
...	13·949	+ 3·759	− 5	...	...
*	14·167	−24·133	1·00	46·9409	10·4
*	14·211	+ 4·387	1·30	45·9392	9·6
651					
...	+14·251	+14·496	− 4	...	...
...	14·259	+50·722	− 2	...	...
...	14·680	+39·474	− 5	...	...
†	14·917	−31·942	− 5	...	...
†	14·922	+20·183	− 5	...	...
...	+15·295	+32·882	− 3	...	...
...	15·332	+36·076	− 5	...	...
...	15·804	−15·489	− 1	...	...
...	15·867	+36·812	− 5	...	...
...	16·222	+33·776	0·80	...	...
661					
...	+16·246	+53·987	− 5	...	...
*	16·833	−32·195	1·70	46·9410	9·6
...	17·136	+55·429	0·70	...	...
...	17·276	− 5·841	− 3	...	...
...	17·299	+27·037	− 5	...	...
...	+17·412	+ 2·588	− 3	...	...
...	17·449	− 5·880	− 2	...	...
*	17·713	+ 5·500	1·70	45·9393	9·6
...	18·070	−51·337	0·70	...	...
...	18·299	−41·136	− 5	...	...
671					
...	+18·338	− 4·514	− 4	...	...
...	18·374	−28·613	− 3	...	...
...	18·571	+46·896	− 4	...	...
*	18·698	−34·338	3·10	46·9411	7·8
...	18·809	+22·012	− 4	...	...
...	+18·830	−12·195	0·90	46·9412	10·4
...	18·845	+13·012	0·95	...	...
*	18·923	+18·214	1·00	45·9394	10·2
...	19·181	+50·325	− 4	...	...
...	19·346	− 0·792	0·85	46·9413	10·4
681					
...	+19·772	+45·958	− 4	...	...
*	20·141	−53·989	1·00	...	...
...	20·563	−22·282	0·90	...	...
...	20·843	−48·817	− 5	...	...
...	21·203	+18·607	0·85	45·9395	10·4
...	+21·211	+30·382	− 3	...	...
...	21·265	+53·383	− 5	...	...
...	21·296	−52·258	0·65	...	...
*	21·368	+49·087	1·20	45·9396	9·6
*	21·473	+59·322	1·00	45·9397	10·4

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
691–750					
691					
...	+21·486	−33·141	0·85	...	...
...	21·685	− 7·736	− 2	...	...
...	21·734	−55·439	− 5	...	...
S ‡	21·875	+ 9·751	2·90	45·9398	8·2
...	21·907	−47·680	− 5	...	...
†	+22·127	−10·047	− 5	...	...
...	22·149	+31·807	− 2	...	...
*	22·234	−38·418	1·05	46·9414	10·2
...	22·462	+47·602	− 4	...	...
...	22·663	+24·937	− 5	...	...
701					
...	+22·776	−33·060	− 4	...	...
...	23·107	−41·208	− 4	...	...
...	23·108	− 5·458	− 5	...	...
...	23·401	−46·419	− 5	...	...
*	23·757	+34·959	1·20	45·9399	9·8
...	+23·760	−43·948	− 1	...	...
...	23·767	+38·215	− 5	...	...
...	23·796	−14·773	0·75	...	...
...	24·062	−34·600	0·85	...	...
...	24·289	+42·599	− 5	...	...
711					
...	+24·466	+21·169	− 4	...	...
...	24·519	+10·206	− 5	...	...
...	24·730	+37·389	0·75	...	...
‡	24·886	+40·556	2·00	45·9400	8·4
*	25·123	− 8·415	1·80	46·9415	9·9
...	+25·275	+10·582	− 5	...	...
*	25·357	−55·236	1·15	46·9416	10·2
...	25·618	−14·862	0·80	...	...
*	25·690	−52·914	1·20	46·9417	10·2
...	25·760	+22·931	− 4	...	...
721					
...	+25·765	+50·998	0·85	...	...
...	25·765	−40·395	0·95	46·9419	10·4
*	25·825	−32·227	1·25	46·9418	10·0
...	25·895	+29·919	− 4	...	...
*	25·928	+40·628	1·80	45·9401	9·6
...	+26·794	−38·241	0·90	46·9420	10·4
...	26·838	+40·922	− 4	...	...
...	26·930	− 0·476	− 5	...	...
...	27·063	+24·175	− 4	...	...
...	27·085	+ 6·321	− 5	...	...
731					
...	+27·096	−42·337	0·70	...	...
*	27·560	+44·481	1·20	45·9402	10·0
*	27·733	+53·501	1·00	45·9403	10·4
S *	27·947	−39·602	1·55	46·9421	9·3
...	28·300	−44·125	− 4	...	...
...	+28·395	−23·177	− 2	...	...
...	28·679	+25·126	− 4	...	...
...	28·716	−23·730	− 5	...	...
...	28·756	−52·955	1·00	...	...
...	28·870	−47·708	0·70	...	...
741					
...	+29·011	−19·912	− 5	...	...
...	29·087	+24·119	− 4	...	...
...	29·214	+58·084	0·80	...	...
...	29·245	−21·678	− 2	...	...
...	29·673	+54·254	0·95	...	...
...	+29·673	+40·746	− 1	...	...
...	29·714	+ 4·635	− 2	...	...
...	29·746	−25·680	− 4	...	...
...	30·029	+ 3·088	− 5	...	...
...	30·166	−16·527	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
751–810					
751					
...	+30·427	−14·946	− 5	...	...
...	30·612	−27·950	0·65	...	...
...	30·621	−22·873	− 4	...	...
...	30·660	+27·345	− 4	...	...
...	31·711	−28·957	0·75	...	...
...	+31·970	+ 1·425	− 5	...	...
...	32·224	+52·310	− 5	...	...
...	32·307	−45·302	0·80	...	...
*	32·422	+ 9·680	1·80	45.9404	9·4
...	32·661	+51·727	− 5	...	...
761					
...	+33·008	+23·925	− 5	...	...
‡	33·124	+14·801	2·00	45.9405	8·7
...	33·208	−38·302	0·90	...	...
...	33·480	+ 8·752	− 5	...	...
...	33·605	+34·904	− 5	...	...
...	+33·906	+11·948	− 4	...	...
...	34·021	+ 2·477	− 5	...	...
...	34·113	−16·258	− 4	...	...
...	34·180	−29·530	0·90	...	...
...	34·524	+ 7·049	− 5	...	...
771					
...	+34·646	+46·545	− 5	...	...
...	34·656	+42·625	− 3	...	...
...	34·716	+21·218	− 2	...	...
...	34·767	+43·977	− 5	...	...
...	34·800	+47·593	0·95	...	...
...	+35·117	−47·469	0·95	46.9422	10·4
...	35·186	− 7·810	− 4	...	...
...	35·262	+41·144	− 5	...	...
...	35·529	+17·937	− 5	...	...
...	35·595	−49·350	− 5	...	...
781					
...	+35·856	−11·351	− 5	...	
‡	35·905	+ 9·851	2·00	45.9406	9·0
...	35·924	−50·545	0·90	...	...
...	35·950	−12·724	0·80	...	...
...	36·237	+ 7·495	− 5	...	...
...	+36·374	+57·861	− 4	...	.....
...	36·378	−12·765	− 5	...	...
...	36·510	− 7·199	− 3	...	...
*	36·612	+ 8·097	2·00	45.9407	9·0
...	36·626	+ 2·141	− 2	...	...
791					
...	+36·841	−59·602	0·70	...	...
...	36·889	−14·121	− 5	*a*	...
†	37·132	+ 9·884	0·75	...	...
...	37·486	−11·946	0·70	...	...
...	37·529	+ 7·180	− 5	...	...
...	+37·647	−35·577	− 3	...	...
...	37·662	−43·599	0·80	...	...
...	37·761	−14·294	− 3	...	...
...	37·879	−49·398	− 4	...	...
...	37·898	−40·946	0·70	...	...
801					
...	+37·922	−35·340	− 4	...	...
...	37·928	+43·369	− 1	...	...
*	38·307	+59·450	1·90	45.9408	9·4
...	38·309	−13·617	− 4	...	...
...	38·398	+15·747	− 5	...	...
...	+38·946	− 4·384	− 4	...	...
...	38·983	−32·099	0·95	46.9423	10·4
...	38·988	+20·051	− 5	...	...
...	39·111	+26·255	− 3	...	...
...	39·233	−47·683	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
811–870					
811					
...	+39·501	+53·973	− 5	...	...
...	39·584	+ 6·558	− 3	...	...
...	39·605	−38·874	− 3	...	...
*	39·654	+18·843	1·15	45.9409	10·2
...	39·736	+26·054	− 5	...	...
...	+40·026	+16·779	0·75	...	...
...	40·498	−37·031	− 5	...	...
*	40·525	+37·523	1·00	45.9410	10·4
...	40·671	−35·145	0·95	...	...
...	40·846	+28·500	− 4	...	...
821					
...	+40·944	−32·712	0·80	...	...
...	41·018	−30·155	− 5	*m*	...
...	41·076	+41·853	− 2	...	...
...	41·124	+34·207	− 5	...	...
*	41·131	−18·622	1·15	46.9424	9·8
*	+41·204	+15·891	1·20	45.9412	9·6
...	41·223	−58·391	1·00	...	...
*	41·258	+32·050	1·25	45.9411	9·6
*	41·290	−52·395	1·20	46.9425	9·8
...	41·498	− 0·748	− 3	...	...
831					
...	+41·675	− 5·181	− 3	...	...
...	41·846	−38·478	− 4	...	...
S *	41·848	+39·489	2·00	45.9413	8·8
...	42·034	+ 0·698	0·80	...	...
...	42·075	−24·095	− 5	...	...
...	+42·137	− 8·235	1·00	...	...
...	42·167	−12·438	− 2	...	...
...	42·250	−11·335	− 5	...	...
...	42·335	−26·367	− 4	...	...
...	42·337	+27·518	− 5	...	...
841					
...	+42·404	+12·618	− 5	...	...
†	42·465	+24·902	− 5	...	...
...	42·502	−21·566	− 5	...	...
...	42·584	+11·712	− 3	...	...
*	42·600	+ 1·326	1·30	45.9415	9·8
...	+42·601	+53·269	− 5	...	...
*	42·654	+15·984	2·40	45.9414	8·7
...	42·732	−28·844	− 2	...	...
...	42·869	+50·600	− 3	...	...
...	42·925	−55·082	− 5	*m*	...
851					
...	+42·975	+15·551	− 5	...	...
*	43·144	−38·209	1·20	46.9426	9·9
*	43·428	+11·925	1·20	45.9416	10·2
...	43·511	+ 4·207	− 5	...	...
...	43·607	−41·564	− 2	...	...
...	+43·717	+17·401	− 4	...	...
*	43·823	−55·160	1·05	46.9427	10·4
...	43·840	−38·764	− 2	...	...
...	44·057	+50·750	− 4	...	...
...	44·064	+18·031	0·85	...	...
861					
...	+44·276	−44·500	− 5	...	...
...	44·561	+ 0·853	0·80	...	...
...	44·803	+10·409	− 5	...	...
...	45·137	−32·048	0·70	...	...
n *	45·384	+34·559	1·80	45.9417	9·0
...	+45·408	+13·510	− 5	...	...
n	45·531	+34·415	0·95	45.9417	9·0
...	45·781	+36·270	0·70	...	...
*	45·922	+25·689	1·05	45.9418	10·4
...	45·937	+26·147	0·90	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
871–930					
871					
...	+46·036	+21·904	− 4	...	...
*	46·081	+18·672	1·25	45.9419	9·8
*	46·378	−34·254	1·80	46.9428	9·4
...	46·449	+34·103	− 5	...	...
*	46·671	−42·818	1·00	46.9429	10·4
...	+47·038	−14·781	− 2	...	...
...	47·126	−30·486	0·90	...	...
*	47·190	+39·238	1·20	45.9420	10·0
...	47·201	+ 8·888	− 4	...	...
...	47·325	+ 0·830	− 5	...	...
881					
...	+47·346	+18·770	− 5	...	...
...	47·454	+ 0·829	− 2	...	...
...	47·454	−45·623	0·65	...	...
...	47·546	+56·617	− 5	...	...
...	47·845	+58·869	− 5	...	...
...	+47·998	+41·134	− 5	...	...
...	48·006	+36·130	− 5	...	...
...	48·128	−11·788	− 3	...	...
...	48·246	+ 3·896	0·65	...	...
*	48·300	−22·931	1·00	46.9430	10·2
891					
...	+48·320	+31·887	0·70	...	...
...	48·472	− 8·423	− 5	*m*	...
...	48·625	− 7·854	− 5	...	...
...	48·903	+11·067	0·90	...	...
...	49·001	+12·809	− 5	...	...
...	+49·163	−28·514	− 2	...	...
...	49·164	+40·066	0·70	...	...
...	49·504	− 1·236	− 5	...	...
...	49·776	+49·995	− 4	...	...
†	49·841	−50·652	− 4	...	...
901					
†	+49·923	+48·001	− 1	...	...
*	49·949	−50·152	1·10	46.9432	10·2
...	50·000	−32·220	− 5	*m*	...
...	50·031	+50·609	− 5	...	...
...	50·131	−17·073	0·65	...	...
*	+50·213	− 6·053	1·05	46.9431	10·2
...	50·477	−27·174	− 4	...	...
...	50·742	−51·660	− 5	...	...
...	51·116	−31·784	0·90	...	...
*	51·118	+54·554	1·20	45.9421	9·9
911					
...	+51·283	+46·027	− 3	...	...
†	51·308	−54·905	− 5	...	...
...	51·330	−10·171	− 4	...	...
*	51·348	+25·718	1·00	...	...
...	51·391	−57·994	− 5	...	...
*	+51·398	+ 5·836	1·05	45.9422	10·4
*	51·411	− 9·131	1·00	46.9433	10·2
...	51·734	−21·889	− 5	...	...
*	51·913	+12·260	1·30	45.9423	9·6
...	51·946	−42·304	− 5	...	...
921					
*	+52·258	−54·431	1·20	46.9434	10·0
...	52·354	+44·618	− 5	...	...
...	52·427	+58·647	− 3	...	...
...	52·521	+26·015	− 4	...	...
...	52·635	−58·501	− 1	...	...
...	+52·864	−54·729	− 5	*m*	...
...	52·964	− 2·518	− 3	...	...
...	53·155	+ 2·600	− 2	...	...
*	53·176	+18·901	1·05	45.9424	10·2
...	53·341	+28·606	− 5	...	...

865, 867. C.P.D., probably mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
931–950					
931				°	
...	+54′136	+12′451	− 5	...	...
...	54·260	−47 163	− 4	...	...
*	54·330	−30·787	1·00	46.9435	10·4
...	55·019	−43·658	0·65	...	...
*	55·032	−36·795	1·15	46.9436	10·2
...	+55·132	−12·758	0·80	...	...
*	55·194	+ 6·169	1·15	45.9425	10·4
...	55·471	+47·020	0·85	...	...
...	56·000	+54·848	− 4	...	...
...	56·430	−22·468	− 3	...	...
941					
...	+56·433	−17·214	0·70	...	...
*	56·806	−44·568	1·00	...	...
...	57·030	+13·123	− 4	...	...
*	57·135	−15·186	1·25	46.9437	9·6
...	57·436	−16·948	− 3	...	...
...	+57·593	−30·542	− 3	...	...
...	57·634	+41·245	− 3	...	...
...	57·658	−52·830	− 5	*m*	...
...	57·993	−54·850	− 5	...	...
...	58·110	+ 1·416	− 2	...	...
951–967					
951				°	
...	+58′312	+23′552	− 2	...	...
*	58·331	+13·257	1·15	45.9427	10·0
...	58·367	−32·302	0·70	...	...
...	58·450	−47·304	− 5	...	...
...	58·473	−45·498	− 5	*m*	...
...	+58·527	− 9·789	− 3	...	...
...	58·656	+27·056	− 2	...	...
...	58·767	−18·158	− 2	...	...
...	58·798	+32·994	0·80	...	...
*	58·866	+48·663	1·40	45.9426	9·9
961					
...	+59·041	+ 0·416	− 1	...	...
...	59·529	+ 1·390	− 3	...	...
...	59·602	+28·766	− 2	...	...
...	59·609	+15·865	0·75	...	...
S ‡	59·755	+ 0·052	2·60	46.9438	8·7
†	+59·807	− 9·674	0·90	...	...
†	59·834	+22·265	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. ...	C.P.D. No.	C.P.D. Mag.

1–30					
1				°	
n‡	−59′931	+34′329	1·90	45.9417	9·0
*	59·884	−38·482	1·10	46.9426	9·9
n	59·774	+34·191	0·95	45.9417	9·0
†	59·742	+10·167	− 5	...	...
...	59·683	+ 0·614	− 2	...	...
...	−59·586	+36·050	− 4	...	...
...	59·309	−41·822	− 4	...	...
...	59·237	+13·284	− 5	...	...
...	59·169	−39·016	− 5	...	...
...	59·108	+25·937	0·80	...	...
11					
N *	−59·093	+25·492	1·00	45.9418	10·4
...	58·876	+21·699	− 5	...	...
*	58·737	+18·471	1·05	45.9419	9·8
...	58·671	−55·406	1·00	46.9427	10·4
*	58·278	+39·065	1·20	45.9420	10·0
...	−58·074	−32·264	− 3	...	...
...	57·350	+35·982	− 5	...	...
...	57·294	+ 8·724	− 5	...	...
...	56·911	+31·760	− 3	...	...
...	56·794	+ 0·678	− 3	...	...
21					
*	−56·764	−34·427	2·00	46.9428	9·4
...	56·720	−14·943	− 2	...	...
...	56·328	+39·950	− 4	...	...
*	56·209	−42·982	1·00	46.9429	10·4
...	56·140	−30·641	0·95	...	...
...	−56·101	+ 3·768	0·70	...	...
...	55·823	+47·906	− 3	...	...
...	55·777	+50·526	− 5	...	...
...	55·721	−11·905	− 3	...	...
...	55·671	+10·962	0·90	...	...
31–60					
31				°	
...	−55′346	−45′756	− 4	...	...
*	55·206	−23·042	1·00	46.9430	10·2
*	54·822	+54·488	1·10	45.9421	9·9
...	54·396	+45·975	− 4	...	...
...	54·155	−28·607	− 4	...	...
*	−53·824	− 6·115	1·05	46.9431	10·2
...	53·683	+25·681	1·00	...	...
...	53·639	+58·625	− 5	...	...
...	53·554	−17·134	− 4	...	...
*	53·015	+ 5·813	1·00	45.9422	10·4
41					
...	−52·900	−27·217	− 5	...	...
*	52·705	+12·238	1·35	45.9423	9·6
*	52·693	−50·207	1·20	46.9432	10·2
...	52·580	−10·199	− 5	...	...
*	52·532	− 9·150	1·00	46.9433	10·2
...	−52·517	+26·008	− 4	...	...
...	52·105	−31·806	− 2	...	...
...	51·795	−21·889	− 5	...	...
...	51·782	+28·632	− 5	...	...
*	51·650	+18·927	1·00	45.9424	10·2
51					
...	−51·189	− 2·496	− 4	...	...
...	51·183	−54·912	− 5	...	...
...	51·160	+ 2·623	− 2	...	...
...	50·995	−57·999	− 5	...	...
...	50·946	−42·302	− 5	...	...
...	−50·478	+12·507	− 5	...	...
*	50·261	−54·420	1·20	46.9434	10·0
...	50·237	+47·096	− 4	...	...
...	49·762	−58·475	0·85	...	...
*	49·227	+ 6·265	1·00	45.9425	10·4
61–90					
61				°	
...	−48′945	−30′703	0·90	46.9435	10·4
...	48·704	−12·662	0·80	...	...
...	48·491	−47·073	− 5	...	...
*	48·054	−36·699	1·35	46.9436	10·2
...	47·883	+41·385	− 5	...	...
...	−47·841	−43·567	− 3	...	...
...	47·616	+13·262	− 5	...	...
...	47·268	−17·078	0·70	...	...
...	47·098	−22·333	− 4	...	...
*	46·886	+48·851	1·35	45.9426	9·9
71					
...	−46·654	+23·731	− 1	...	...
*	46·627	−15·027	1·30	46.9437	9·6
...	46·476	+33·191	0·65	...	...
...	46·417	+27·246	− 3	...	...
*	46·324	+13·439	1·15	45.9427	10·0
...	−46·274	−16·782	− 4	...	...
...	46·165	+ 1·602	− 2	...	...
...	46·029	−44·416	0·95	...	...
...	45·684	−30·363	− 5	...	...
...	45·538	+28·977	− 3	...	...
81					
*	−45·424	+41·202	1·10	45.9428	10·4
...	45·394	− 9·590	− 4	...	...
...	45·225	+ 0·635	− 2	...	...
†	45·133	+16·091	0·65	...	...
...	44·904	−17·952	− 3	...	...
...	−44·850	−32·107	− 1	...	...
...	44·746	+ 1·625	− 4	...	...
S ‡	44·467	+ 0·290	2·20	46.9438	8·7
...	44·305	−47·094	− 4	...	...
...	44·123	− 9·434	0·85	...	...

L measured from 1, 120, 241, 365 493, 624
ES ,, ,, 59, 182, 309, 435, 556, 684.

1, 3. C.P.D., probably mass.
11. Partly obscures 2nd image of 10.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
91–150					
91	′	′		°	
*	−43·521	+52·200	1·60	45·9430	9·6
...	43·385	+13·947	− 2	...	...
*	42·980	+ 7·271	1·30	45·9429	9·8
...	42·879	+ 4·427	− 5	...	...
...	42·820	−42·751	− 4	...	...
...	−42·803	+ 6·785	0·90	...	...
...	42·634	−34·332	− 1	...	...
...	42·465	−25·872	− 5	...	...
...	42·423	+22·368	− 2	...	...
...	42·115	+ 3·762	− 5	...	...
101					
*	−42·040	+17·898	1·00	45·9431	10·4
...	41·953	−35·093	− 2	...	...
...	41·952	+52·420	− 3	...	...
*	41·918	+ 7·107	1·70	45·9432	9·6
...	41·854	−40·252	0·70	...	...
...	−41·821	+ 6·309	− 3	...	...
...	41·628	+ 8·364	− 3	...	...
...	41·461	+23·655	− 2	...	...
...	41·291	−21·880	0·65	...	...
...	41·187	+24·355	− 4	...	...
111					
...	−41·120	+ 1·387	− 2	...	...
...	41·057	+14·550	− 5	...	...
...	40·997	−44·961	0·70	...	...
...	40·915	+53·654	− 1	...	...
...	40·784	+29·211	− 3	...	...
...	−40·781	−56·075	− 4	...	...
*	40·736	+40·210	1·60	45·9433	9·4
*	40·614	+34·975	2·00	45·9434	8·8
...	40·414	+21·417	− 4	...	...
*	39·396	+26·532	1·00	45·9435	10·2
121					
...	−39·191	−42·650	− 2	...	...
*	39·044	+ 4·668	2·10	45·9436	9·0
...	39·010	+14·075	− 4	...	...
...	38·943	+10·277	− 4	...	...
...	38·396	+18·896	− 4	...	...
...	−38·285	− 7·080	0·75	...	...
*	38·236	−16·548	2·00	46.9439	9·2
...	38·013	−37·345	− 2	...	...
...	37·884	−15·840	− 5	...	...
...	37·818	−14·202	0·90	46.9440	10·4
131					
*	−37·743	+35·838	1·90	45.9437	9·4
...	37·635	− 1·784	− 4	...	...
*	37·598	−20·088	1·00	46.9441	10·4
...	37·503	−47·356	− 5	...	...
...	37·305	−55·137	− 3	...	...
...	−37·053	+17·983	0·80	...	...
...	36·800	−14·640	− 4	...	...
...	36·723	+16·529	− 5	...	...
...	36·621	− 9·932	− 4	...	...
*	36·460	−41·218	1·30	46.9442	9·6
141					
...	−36·324	+43·097	− 5	...	...
...	35·987	+29·875	− 4	...	...
...	35·775	+25·797	− 3	...	...
...	35·760	−46·424	− 2	...	...
...	35·728	+ 9·291	− 5	...	...
*	−35·642	+36·747	1·90	45.9438	9·4
...	35·432	− 3·571	0·90	46.9443	10·4
...	35·382	−36·958	− 5	...	...
...	35·372	−41·015	− 1	...	...
...	35·337	+ 6·585	− 5	...	...
151–210					
151	′	′		°	
...	−35·304	+11·834	− 3	...	...
†	35·202	−20·327	− 4	...	...
†	35·121	+24·950	− 5	...	...
...	34·990	+38·027	− 4	...	...
...	34·819	+36·311	− 5	...	...
...	−34·758	− 7·101	− 5	...	...
...	34·615	+31·979	0·90	...	...
...	34·576	+48·835	− 5	...	...
...	34·473	+20·055	0·90	...	...
...	34·435	+38·922	− 4	...	...
161					
...	−34·382	+22·880	− 4	...	...
...	33·475	−54·494	− 5	...	...
...	33·308	−21·430	− 3	...	...
...	33·217	−15·357	− 2	...	...
...	32·815	−45·961	− 5	...	...
...	−32·745	+38·132	0·90	...	...
...	32·583	−10·612	0·95	46.9444	10·4
...	32·580	−36·492	− 4	...	...
*	31·763	+ 6·949	1·00	45.9439	10·2
...	31·747	− 7·197	− 2	...	...
171					
...	−31·618	−48·265	− 5	...	...
S *	31·380	+44·156	2·00	45.9440	8·6
*	31·304	−48·063	1·00	46.9445	10·4
...	31·179	+13·794	− 5	...	...
...	31·121	−32·830	− 5	...	...
...	−31·078	+44·840	− 5	...	...
...	30·756	−58·559	1·00	46.9446	10·4
...	30·534	+23·866	− 4	...	...
...	30·456	−18·853	− 3	...	...
...	30·404	− 8·540	− 5	...	...
181					
...	−30·402	+ 6·831	− 2	...	...
...	29·807	−55·964	0·85	...	...
...	29·540	+ 5·288	− 3	...	...
*	29·230	+ 8·010	1·80	45.9441	8·8
...	29·055	+56·470	− 4	...	...
...	−28·820	−31·899	− 2	...	...
†	28·751	−14·798	− 5	...	...
*	28·691	−47·948	1·00	46.9447	10·2
...	28·413	−29·620	− 1	...	...
...	28·197	+57·067	0·95	45.9442	10·4
191					
...	−27·890	−12·271	− 5	...	...
S *	27·470	−43·198	1·90	46.9448	9·1
...	27·182	−56·568	0·90	46.9449	10·4
*	27·089	+14·003	1·05	45.9443	10·2
...	27·033	+25·578	− 2	...	...
...	−26·965	+39·278	− 3	...	...
*	26·953	+46·790	1·35	45.9444	9·6
...	26·849	+29·117	− 2	...	...
...	26·588	−49·092	− 1	...	...
‡	26·588	+50·100	1·15	45.9445	9·6
201					
†	−26·538	−49·703	− 4	...	...
*	26·280	−36·509	2·00	46.9450	9·2
*	26·193	+45·006	1·05	45.9446	10·2
...	26·119	+58·955	− 5	...	...
...	25·933	−52·625	0·75	...	...
...	−25·893	−49·998	− 5	...	...
...	25·884	−43·465	− 4	...	...
...	25·821	−36·460	0·90	46.9451	10·4
...	25·701	−40·194	− 3	...	...
‡	25·087	+52·638	1·45	45.9447	9·8
211–270					
211	′	′		°	
...	−24·636	+18·061	− 5	...	...
*	24·486	−20·821	1·80	46.9452	9·4
*	24·394	+41·935	1·15	45.9449	9·9
...	24·298	+43·293	0·85	...	...
*	24·209	+22·375	1·05	45.9448	10·2
...	−24·118	−57·026	1·00	...	...
...	24·076	−18·972	− 5	...	...
...	23·819	+ 3·919	− 1	...	...
...	23·809	−56·461	0·90	...	...
*	23·620	− 5·912	1·30	46.9453	10·0
221					
...	−23·565	−20·782	0·80	...	...
...	23·344	+38·927	− 5	...	...
...	23·318	+30·046	− 2	...	...
...	23·225	−10·502	0·70	...	...
...	23·002	−26·076	0·90	...	...
...	−22·455	+17·441	0·85	...	...
...	22·347	−16·529	− 5	...	...
*	22·047	+34·478	1·00	45.9450	10·4
...	21·955	+15·927	− 5	...	...
*	21·539	+59·260	1·15	45.9451	10·2
231					
...	−21·460	−12·161	− 2	...	...
...	21·363	−25·258	0·90	46.9455	10·4
...	21·336	−36·044	0·70	...	...
...	21·302	−36·980	0·95	46.9454	10·4
...	20·857	+47·345	− 5	...	...
...	−20·777	+25·498	− 2	...	...
...	20·694	+33·795	− 3	...	...
*	20·490	−21·970	1·10	46.9457	10·0
...	20·466	−22·630	1·00	46.9456	10·4
...	20·361	+38·494	0·70	...	...
241					
...	−19·731	+36·483	− 4	...	...
*	19·657	+42·784	1·00	45.9452	10·2
...	19·442	−37·666	− 4	...	...
...	19·273	+56·393	− 5	...	...
...	19·128	+32·202	0·85	...	...
...	−19·042	−12·874	− 5	...	...
...	18·958	+41·459	0·70	...	...
...	18·957	−59·026	1·00	...	...
...	18·915	+15·013	− 5	...	...
...	18·811	−15·259	− 5	...	...
251					
*	−18·754	+41·120	1·00	45.9453	10·2
...	18·675	−43·544	− 4	...	...
...	18·273	+28·259	− 1	...	...
...	18·186	+26·323	1·00	...	...
...	18·026	−43·935	− 5	...	...
*	−17·958	−31·033	1·00	46.9458	10·2
*	17·934	+13·929	1·00	45.9454	10·2
...	17·763	+44·707	− 3	...	...
*	17·731	−42·229	2·60	46.9459	8·6
...	17·602	−24·639	− 5	...	...
261					
...	−17·600	+24·845	− 5	...	...
...	17·498	−55·231	− 3	...	...
...	17·387	−58·139	− 2	...	...
...	17·375	−20·491	− 5	...	...
...	17·255	−22·325	0·90	46.9460	10·4
...	−17·206	−25·970	− 5	...	...
...	17·131	−18·470	− 3	...	...
...	17·064	−25·168	− 5	...	...
...	16·937	−39·925	− 2	...	...
...	16·736	−16·067	0·95	46.9461	10·4

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
271–330					
271					
...	−16·639	+ 2·665	− 5	...	...
*	16·588	− 8·627	1·05	46.9462	10·2
...	16·375	−24·145	− 2	...	...
...	16·293	−58·743	− 5	...	...
...	16·253	−59·431	1·00	47.9037	10·4
...	−16·141	+11·713	− 5	...	...
*	16·085	+28·487	1·00	45.9455	10·4
...	15·917	−16·109	0·90	46.9463	10·4
...	15·763	+20·510	− 1	...	...
...	15·467	−27·621	− 4	...	...
281					
†	−15·236	+42·210	− 4	...	...
...	15·105	−52·811	0·95	...	...
...	15·074	+53·767	− 3	...	...
...	14·911	+ 4·295	− 4	...	...
...	14·633	+37·661	− 5	...	...
...	−14·355	− 0·321	− 5	...	...
...	13·984	+37·834	− 5	...	...
...	13·974	+32·516	− 3	...	...
*	13·836	+45·304	1·90	45.9456	9·4
...	13·716	+48·472	− 1	...	...
291					
*	−13·678	− 5·682	2·10	46.9464	9·0
†	13·519	+45·037	− 5	...	...
...	13·416	−26·551	− 5	...	...
...	13·123	+ 6·156	− 5	...	...
...	12·766	+44·953	− 4	...	...
...	−12·718	−29·494	− 5	...	...
...	12·683	− 6·601	− 4	...	...
...	12·640	−11·909	− 5	...	...
*	12·470	+33·503	1·25	45.9458	9·6
...	12·388	+28·638	0·90	...	...
301					
*	−12·312	+19·188	1·10	45.9457	9·9
...	11·971	+48·730	− 5	...	...
...	11·614	+49·567	− 4	...	...
*	11·500	−41·467	1·50	46.9465	9·6
*	11·089	+56·157	1·00	45.9459	10·2
...	−10·606	− 3·176	− 5	...	...
...	10·413	+28·627	− 4	...	...
...	10·287	+33·554	− 5	...	...
†	10·183	+ 6·830	0·85	...	...
...	10·053	−20·680	− 5	...	...
311					
*	− 9·637	− 5·144	1·90	46.9466	9·4
...	9·497	+18·286	− 5	...	...
...	9·435	−43·892	− 4	...	...
...	9·188	−32·497	− 5	...	...
...	9·088	−34·328	− 5	...	...
...	− 8·572	−35·962	0·80	46.9467	10·4
*	8·403	− 1·307	1·80	46.9468	9·4
...	8·386	+19·849	− 3	...	...
N	8·310	+59·670	− 5	...	...
...	7·756	+21·843	− 2	...	...
321					
...	− 7·753	+ 2·864	− 5	...	...
...	7·433	+30·472	− 5	...	...
†	7·191	+25·130	− 3	...	...
...	7·024	+38·217	− 2	...	...
...	6·987	− 0·977	− 1	...	...
*	− 6·981	− 1·160	1·00	46.9470	10·2
*	6·928	−29·021	2·40	46.9469	8·6
...	6·869	− 3·515	− 4	...	...
...	6·834	+22·291	− 1	...	...
...	6·398	+39·098	0·70	*m*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
331–390					
331					
...	− 6·041	+42·568	0·80	*m*	...
...	5·326	− 6·308	1·00	46.9471	10·4
...	5·071	+31·040	− 3	*m*	...
...	5·034	− 9·919	− 4	...	...
...	5·023	+52·744	− 5	*m*	...
...	− 4·948	+30·036	− 4	*m*	...
...	4·929	+29·296	− 2	*m*	...
...	4·706	+40·484	− 5	*m*	...
...	4·693	−49·024	0·75	...	...
...	4·530	+42·717	− 5	*m*	...
341					
...	− 4·472	−24·815	0·70	...	...
...	3·958	+ 1·305	0·75	*m*	...
...	3·768	+45·648	− 2	*m*	...
...	3·690	+55·913	0·80	45.9460	10·4
...	3·485	−24·488	0·70	...	...
...	− 3·197	+19·711	− 4	*m*	...
S*	3·016	− 5·344	2·70	46.9472	8·7
...	2·906	−19·838	− 4	...	...
...	2·775	+41·431	− 1	*m*	...
...	2·716	−39·141	− 3	...	...
351					
*	− 2·635	−57·966	1·70	46.9473	9·6
...	2·489	− 8·287	0·95	46.9474	10·4
...	1·966	+51·776	0·95	45.9461	10·4
*	1·913	−54·120	1·00	46.9475	10·4
...	1·834	+16·212	− 4	*m*	...
*	− 1·829	−50·537	1·00	...	...
...	1·542	+36·811	− 5	*m*	...
...	1·535	+25·367	− 5	*m*	...
...	1·467	+ 7·920	− 2	*m*	...
...	1·270	+53·340	− 4	*m*	...
361					
...	− 1·196	−23·573	− 5	...	...
...	1·014	+39·171	− 3	*m*	...
...	0·464	− 7·177	− 5	...	...
...	0·372	+15·779	− 1	*m*	...
...	− 0·118	−40·468	− 5	...	...
...	+ 0·059	+24·399	− 2	*m*	...
...	0·381	−14·940	− 5	...	...
...	0·418	−30·064	− 3	...	...
...	0·715	−30·064	− 5	...	...
S*	0·829	+27·593	2·00	45.9462	8·6
371					
...	+ 0·847	+23·983	− 2	*m*	...
...	1·030	− 0·589	− 4	...	...
*	1·111	−52·855	1·00	46.9476	10·4
...	1·228	−16·919	− 4	...	...
...	1·350	+16·853	− 4	*m*	...
†	+ 1·453	−29·711	− 4	...	...
...	1·566	+40·839	0·65	*m*	...
...	1·757	−47·500	− 4	...	...
...	1·987	+20·200	− 2	...	...
...	2·150	+56·063	− 5	*m*	...
381					
...	+ 2·202	− 7·781	− 2	...	...
...	2·227	−23·814	− 5	...	...
...	2·293	+ 0·297	− 4	*Ff*	...
...	2·472	−43·730	− 2	...	...
...	2·513	+56·988	− 3	*m*	...
*	+ 2·709	+49·674	2·20	45.9463	8·6
...	2·755	−33·022	− 5	...	...
...	2·947	−54·905	− 5	...	...
*	3·101	+27·284	1·10	45.9464	9·9
...	3·272	−33·680	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
391–450					
391					
...	+ 3·602	+57·984	− 5	*m*	...
...	3·902	+23·791	− 4	*m*	...
...	3·979	+18·635	0·95	...	...
...	4·338	− 9·581	− 1	...	...
...	4·371	+39·621	0·95	...	...
...	+ 4·581	+35·423	− 5	*m*	...
...	4·595	−48·745	− 5	...	...
...	5·015	−49·927	− 5	...	...
...	5·055	−16·521	0·95	46.9477	10·4
...	5·204	+13·419	− 5	*m*	...
401					
*	+ 5·610	−28·804	1·20	46.9479	9·9
...	5·643	−37·274	0·95	46.9478	10·4
...	5·664	−57·807	− 5	...	...
...	5·724	−30·524	− 5	...	...
...	5·824	+46·926	− 5	...	...
*	+ 6·043	−31·108	1·00	46.9480	10·4
...	6·285	+28·369	0·80	...	...
...	6·287	− 8·530	− 5	M	...
...	6·538	+42·284	− 4	*m*	...
...	6·930	− 8·529	− 5	...	...
411					
*	+ 6·976	−12·200	2·80	46.9481	8·8
...	7·062	+16·362	− 3	*m*	...
...	7·097	−30·104	− 5	...	...
...	7·125	+53·190	− 4	...	...
*	7·149	+56·705	1·40	45.9465	9·8
...	+ 7·210	+30·873	− 3	*m*	...
...	7·470	− 4·103	− 3	...	...
...	7·503	−35·585	− 5	...	...
...	7·519	− 6·739	0·80	...	...
...	7·528	+12·979	− 5	*m*	...
421					
...	+ 7·644	+28·197	− 2	*m*	...
...	7·783	− 3·245	− 5	...	...
*	8·085	−25·666	2·00	46.9482	9·4
...	8·189	+28·209	0·75	...	...
...	8·237	+24·312	− 2	*b*	...
...	+ 8·271	+18·809	− 5	*m*	...
*	8·538	+ 4·889	1·70	45.9466	9·8
*	8·538	+25·255	1·00	45.9467	10·2
...	8·769	−49·251	− 1	...	...
...	8·805	−36·296	− 5	...	...
431					
†	+ 9·091	+59·980	− 2	...	...
...	9·254	+32·043	1·00	...	...
...	9·373	+21·536	− 5	*m*	...
...	9·422	+50·550	− 5	*m*	...
†	9·763	−46·139	− 5	...	...
*	+10·086	−59·062	1·60	47.9053	9·6
...	10·202	+18·111	0·90	45.9468	10·2
...	10·371	−48·325	− 5	...	...
...	10·675	−47·700	− 4	...	...
...	10·678	+ 4·417	0·75	*b*	...
441					
...	+10·779	+45·996	− 5	*m*	...
...	10·843	−11·508	1·00	46.9483	10·2
S*	10·856	−33·845	2·95	46.9484	8·0
...	10·947	− 9·233	− 4	...	...
...	11·157	+24·978	− 4	*m*	...
*	+11·195	−47·223	1·00	46.9485	10·2
...	11·297	+49·284	− 2	...	...
...	11·620	−10·375	− 5	...	...
*	11·669	+56·228	1·05	45.9469	10·2
...	11·686	+57·796	0·90	...	...

319. Image faulty.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
451–510					
451					
...	+11·945	+45·163	− 3	m	...
...	12·025	+49·711	− 3	...	...
*	12·298	−34·469	1·05	46.9486	10·2
...	12·566	+27·183	− 4	m	...
*	12·913	+21·427	1·05	45.9470	10·4
...	+12·929	−57·557	− 5	...	...
*	13·008	−21·769	1·05	46.9487	10·4
...	13·106	−16·932	− 2	...	...
...	13·610	+36·074	− 3	m	...
...	13·635	−55·791	0·70	...	...
461					
*	+13·773	+29·450	1·30	45.9471	9·8
...	14·342	−26·442	0·75	...	...
...	14·369	+ 3·712	− 3	m	...
...	14·879	− 2·575	− 3	...	...
...	14·925	−14·223	0·90	46.9488	10·4
...	+14·948	−26·773	− 4	...	...
...	15·208	+46·026	− 4	m	...
...	15·218	+24·568	0·85	45.9472	10·4
...	15·416	+ 5·892	− 4	m	...
...	15·499	+47·907	− 5	m	...
471					
...	+15·659	−52·854	− 3	...	...
...	15·690	−18·238	0·80	...	...
*	15·814	+37·741	3·20	45.9473	8·0
...	15·925	+ 3·927	− 3	m	...
*	15·937	−22·906	1·35	46.9489	9·9
...	+16·018	+31·986	− 4	m	...
...	16·041	− 1·473	− 3	...	...
... [	16·495	− 5·769	0·85	46.9490	10·4
... [	16·550	− 5·739	− 4	...	...
...	16·945	+ 8·332	− 5	m	...
481					
...	+17·534	−39·005	− 5	...	...
...	17·931	+29·879	0·80	...	...
...	18·073	−52·988	− 5	...	...
...	18·104	+32·060	− 2	a	...
...	18·350	−29·363	0·70	46.9491	10·2
...	+18·582	−52·096	− 2	...	...
*	18·632	−37·108	1·60	46.9492	9·6
*	19·117	+ 6·819	1·60	45.9474	9·4
*	19·312	−52·491	1·00	46.9493	10·4
...	19·411	−47·900	− 5	...	...
491					
*	+19·454	+ 7·255	2·00	45.9475	8·8
...	19·467	−19·821	0·65	...	...
...	19·835	+15·600	1·00	45.9476	10·4
...	20·108	−53·499	− 2	...	...
...	20·335	−56·341	0·75	...	...
...	+20·518	−18·848	− 5	...	...
...	20·554	−55·277	0·85	...	...
*	20·594	−26·519	2·00	46.9494	9·0
...	20·653	+36·197	− 5	m	...
...	20·778	−36·443	− 5	...	...
501					
...	+20·922	−51·423	− 4	...	...
...	21·113	+27·763	− 3	m	...
*	21·166	+ 9·623	1·00	45.9478	10·4
...	21·176	+32·986	0·95	45.9477	10·4
...	21·215	+ 0·472	− 5	m	...
S N*	+21·599	+ 4·608	5·25	45.9479	7·1
...	22·035	+20·379	− 4	m	...
*	22·222	+34·851	1·15	45.9480	9·8
‡	22·709	−14·802	1·00	46.9495	10·4
...	22·777	−31·704	− 4	...	...
511–570					
511					
...	+22·868	+42·768	− 5	m	...
...	23·267	−54·041	1·00	46.9496	10·4
...	23·291	−20·252	− 4	...	...
...	23·450	−20·365	− 4	...	...
*	23·572	−37·365	1·05	46.9497	10·2
...	+23·859	−19·542	− 5	...	...
...	23·876	− 8·750	− 5	...	...
...	24·134	−24·400	− 5	...	...
...	24·180	−46·990	− 5	...	...
...	24·283	+31·418	0·95	45.9481	10·4
521					
...	+24·376	+28·150	− 5	m	...
...	24·438	−48·246	− 5	...	...
...	24·933	+15·449	0·75	...	...
*	24·934	−36·392	1·05	46.9498	10·0
*	25·110	+18·262	1·05	45.9482	9·9
...	+25·121	− 9·266	0·90	...	...
...	25·129	− 5·398	− 5	...	...
...	25·130	+ 0·921	− 5	m	...
...	25·223	−35·624	− 5	...	...
...	25·521	−27·161	− 3	...	...
531					
...	+25·625	−30·167	0·70	...	...
...	25·660	+16·892	− 4	m	...
...	25·663	−13·555	− 5	...	...
...	26·082	+31·263	− 2	...	...
...	26·139	−37·138	− 5	...	...
...	+26·234	−30·998	0·90	...	...
...	26·445	− 7·279	− 5	...	...
...	26·714	+36·054	− 2	a	...
...	27·146	+44·578	− 3	m	...
...	27·325	−56·999	− 5	...	...
541					
...	+27·410	+41·660	1·00	45.9483	10·4
...	27·484	+ 1·334	− 5	m	...
*	27·524	+ 3·370	1·25	45.9484	9·6
...	27·531	−31·890	− 5	...	...
...	28·097	− 2·003	− 4	...	...
†	+28·310	−49·700	− 5	...	...
...	28·606	+58·917	− 5	m	...
...	28·711	+39·580	0·70	...	...
...	28·734	+43·140	− 2	...	...
...	28·783	+48·820	− 5	m	...
551					
†	+28·909	−29·810	− 4	...	...
...	28·937	− 9·015	− 5	...	...
...	28·950	+ 1·348	− 4	m	...
...	29·036	−13·697	− 5	...	...
†	29·671	+46·272	− 5	m	...
...	+29·931	−27·752	− 1	...	...
...	30·015	−51·382	− 3	...	...
*	30·061	+17·109	1·20	45.9485	9·9
...	30·122	−49·418	− 5	...	...
...	30·404	+46·749	0·85	...	...
561					
...	+30·430	+49·728	− 5	m	...
...	30·589	−41·060	0·80	...	...
...	30·609	+18·325	− 3	...	...
...	30·908	−22·271	− 5	...	...
...	30·920	+13·855	0·65	...	...
...	+31·102	−32·254	− 2	...	...
...	31·390	+38·922	− 5	m	...
...	31·424	−18·271	− 3	...	...
*	31·452	+37·018	1·00	45.9486	10·4
...	31·548	+44·660	0·70	...	...
571–630					
571					
*	+31·753	+44·556	1·80	45.9487	9·2
...	31·995	−41·336	− 2	...	...
...	32·010	+47·785	− 4	m	...
...	32·452	+28·746	− 3	m	...
...	32·453	+26·706	− 1	...	...
*	+32·772	+11·643	1·05	45.9488	10·2
...	32·856	−16·701	− 4	...	...
...	32·907	− 5·774	0·80	...	...
...	32·978	+45·590	− 3	m	...
...	33·055	−23·109	− 4	...	...
581					
...	+33·275	−32·136	− 2	...	...
...	33·949	−40·557	0·75	...	...
*	34·051	+ 3·647	1·10	45.9489	10·2
...	34·302	−10·570	− 3	...	...
*	34·436	+ 6·273	1·30	45.9490	9·9
...	+34·813	+47·174	− 5	m	...
*	34·930	−30·220	1·05	46.9499	10·4
...	34·951	−23·153	0·70	...	...
...	35·097	−15·286	0·70	...	...
...	35·111	−42·190	− 5	...	...
591					
...	+35·201	−17·258	0·65	...	...
...	35·367	−48·746	− 5	...	...
...	35·525	+21·631	− 3	m	...
...	35·550	−50·767	− 5	...	...
...	35·613	−46·641	− 5	...	...
*	+35·626	+20·763	2·20	45.9491	8·6
...	35·665	+ 2·454	− 5	m	...
...	35·883	−53·355	− 4	...	...
...	35·928	−57·161	− 3	...	...
...	35·957	+41·261	− 5	m	...
601					
...	+36·320	−42·340	0·70	...	...
...	36·365	+21·624	− 2	...	...
*	36·571	+33·103	1·30	45.9492	9·9
...	36·608	−35·577	0·80	...	...
...	36·701	−26·940	− 4	...	...
...	+37·014	−56·037	− 5	...	...
...	37·139	+10·224	− 3	m	...
...	37·491	+17·598	− 3	m	...
‡	37·537	−44·724	1·10	46.9500	10·2
...	37·617	− 3·778	− 5	...	...
611					
...	+37·818	−10·328	− 2	...	...
...	38·046	+23·263	− 3	m	...
...	38·074	+22·751	− 2	a	...
...	38·228	−19·432	0·95	46.9501	10·4
...	38·351	− 8·041	− 3	...	...
...	+38·383	+18·599	− 5	m	...
...	38·880	−23·110	− 4	...	...
*	38·900	−13·664	1·20	46.9502	10·0
...	38·944	+56·947	− 3	...	...
S *	39·023	+51·056	3·00	45.9493	7·6
621					
...	+39·045	−26·287	− 5	...	...
...	39·183	+55·895	1·10	45.9494	10·4
*	39·253	+58·146	1·50	45.9495	10·0
‡	39·740	−32·661	3·00	46.9503	8·4
...	39·781	−43·205	0·85	...	...
*	+40·247	−19·564	1·00	46.9504	10·0
...	40·479	+31·486	0·75	...	...
...	40·552	+42·994	− 5	m	...
...	40·614	−55·887	0·80	...	...
...	40·704	+ 5·298	− 4	m	...

506. Remeasure 1914, $y = +4'·619$.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
631–670					
631	′	′		°	
*	+41·441	+ 5·029	1·05	45·9496	10·0
...	41·542	−55·390	− 1	...	...
...	41·593	+43·328	− 3	...	...
...	42·193	+47·773	− 4	*m*	...
...	42·218	+46·183	− 5	*m*	...
...	+42·247	−20·887	− 5	...	...
...	42·284	−46·658	− 5	...	...
†	42·919	+30·154	− 5	*m*	...
...	42·960	−35·286	− 4	...	...
*	43·029	+ 1·521	3·00	45·9498	8·3
641					
...	+43·067	−11·676	− 5	...	...
...	43·241	−49·117	− 5	...	...
*	43·302	+59·585	1·00	45·9497	10·3
...	43·345	+35·633	− 1	...	...
...	43·375	−44·949	− 5	...	...
...	+43·603	− 2·364	0·65	...	...
...	43·652	−53·260	− 1	...	...
...	43·904	−44·893	− 2	...	...
...	43·917	+40·016	− 3	...	...
...	44·014	+28·619	0·75	...	...
651					
...	+44·085	− 7·061	− 5	...	...
*	44·116	− 3·604	1·00	46.9505	10·3
...	44·293	− 6·950	1·00	46.9506	10·4
...	44·355	+59·453	− 5	*m*	...
*	44·381	−21·544	2·00	46.9507	9·0
...	+44·764	−13·898	− 5	...	...
...	44·865	+ 4·269	− 5	*e*	...
...	45·442	+11·513	0·85	...	...
...	45·683	+59·591	− 4	...	...
...	46·248	+20·518	− 4	*e*	...
661					
...	+46·429	−17·271	− 5	...	...
...	46·488	−33·675	0·70	...	...
*	46·587	+40·778	1·00	45.9499	10·4
*	46·646	−14·868	1·00	46.9508	10·0
...	46·737	−38·133	− 4	...	...
...	+46·788	− 0·446	− 5	...	...
...	46·906	+56·039	− 1	...	...
...	46·920	−35·188	0·80	...	...
...	47·159	−15·468	0·90	...	...
...	47·552	+26·437	− 5	*e*	...
671–710					
671	′	′		°	
...	+47·625	+36·090	− 4	...	...
...	47·650	+25·847	0·85	...	...
...	47·674	−26·342	− 5	...	...
...	47·730	− 8·260	0·80	...	...
...	48·077	+11·957	− 5	*e*	...
...	+48·186	+11·365	− 4	*e*	...
...	48·279	+24·897	− 4	*e*	...
*	48·468	−58·618	1·40	46.9509	9·8
...	48·486	+18·246	− 2	...	...
...	49·029	+ 2·333	− 5	*e*	...
681					
...	+49·308	+28·172	− 4	*e*	...
...	49·483	+47·218	− 3	...	...
†	49·593	−10·673	− 5	...	...
...	49·727	−48·867	− 4	*e*	...
...	49·818	+11·026	− 4	*e*	...
...	+50·009	−28·071	1·10	46.9510	10·3
...	50·201	−30·603	0·80	...	...
*	50·248	+21·376	2·00	45.9500	9·3
...	50·522	−59·269	0·70	...	...
...	50·660	−35·836	0·80	...	...
691					
...	+50·702	+ 0·631	− 5	*e*	...
...	50·815	−18·105	− 3	...	...
...	51·066	−47·733	− 5	...	...
...	51·150	−39·365	− 1	...	...
...	51·340	+ 9·613	− 5	*e*	...
*	+51·578	−31·426	1·10	46.9511	10·0
S *	51·608	−43·168	3·90	46.9512	6·9
...	51·728	+56·531	0·75	...	...
...	51·970	−28·128	− 4	...	...
...	52·135	−13·540	− 4	...	...
701					
...	+52·867	+21·642	− 4	*e*	...
...	52·982	−57·102	− 1	...	...
...	53·021	− 6·920	− 4	...	...
...	53·218	+10·418	0·80	...	...
...	53·224	−21·358	− 5	...	...
...	+53·434	+47·376	− 4	*e*	...
...	53·457	−47·302	1·00	46.9513	10·4
...	53·645	− 9·669	− 4	...	...
...	53·665	− 3·400	− 4	...	...
...	53·698	−10·467	− 4	...	...
711–750					
711	′	′		°	
...	+53·924	+10·550	− 5	*e*	...
...	54·213	+22·437	− 5	*e*	...
*	54·242	−55·337	1·50	46.9514	9·9
...	54·284	−38·707	− 4	...	...
...	54·402	−35·255	− 3	...	...
...	+54·874	−17·703	0·70	...	...
*	54·924	−43·646	1·10	46.9515	10·2
...	55·063	− 4·377	− 4	...	...
...	55·135	−59·488	− 1	...	...
*	55·375	+11·283	1·30	45.9501	9·9
721					
...	+55·806	+12·485	0·75	...	...
...	56·224	−38·765	− 5	...	...
...	56·231	+51·849	− 3	...	...
...	56·271	+47·599	− 5	*e*	...
...	56·333	−58·608	− 3	...	...
*	+56·561	−46·469	1·40	46.9516	10·0
*	56·622	+47·366	1·30	45.9502	10·2
...	56·717	−50·685	− 4	...	...
...	56·727	−52·944	0·75	...	...
...	56·758	−54·048	− 4	...	...
731					
...	+56·994	−26·981	0·95	...	...
...	57·167	−19·879	0·80	...	...
*	57·284	−42·825	4·80	46.9517	6·9
...	57·593	+39·930	− 5	*e*	...
...	57·853	+ 8·619	− 3	*e*	...
...	+57·900	+ 7·410	0·80	...	...
...	58·106	−24·484	0·70	...	...
...	58·139	−16·707	0·75	...	...
S *	58·251	+18·136	2·10	45.9503	8·7
...	58·260	+22·560	1·10	45.9504	10·3
741					
...	+58·325	−31·895	− 3	...	...
...	58·509	−24·264	− 5	...	...
...	58·922	+18·350	− 4	*e*	...
*	59·124	−53·988	2·70	46.9518	8·3
...	59·181	−33·626	0·95	...	...
...	+59·304	−15·144	− 5	...	...
...	59·377	+26·094	− 5	*e*	...
...	59·509	−44·918	0·80	...	...
†	59·541	−58·938	1·20	47.9093	10·4
*	59·566	+25·335	1·30	45.9505	10·2

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I	1–10 x.	1–10 y.	1–10 −1.	1–10 No.	1–10 Mag.	11	11–20 x.	11–20 y.	11–20 −1.	11–20 No.	11–20 Mag.	21	21–30 x.	21–30 y.	21–30 −1.	21–30 No.	21–30 Mag.
	′	′		°			′	′		°			′	′		°	
*	−59·731	− 7·207	1·00	46.9506	10·4	*	−58·926	+40·578	1·00	45.9499	10·4	...	−57·256	−17·442	− 4	...	...
...	59·649	+ 8·735	− 5	M	...	...	58·903	−45·133	− 3	...	...	*	57·117	−15·028	1·05	46.9508	10·0
...	59·499	− 2·430	− 5	...	...	...	58·893	−53·509	− 1	...	...	...	56·774	+ 9·818	− 5	M	...
...	59·494	+ 4·034	− 4	E	...	...	58·626	+20·317	− 5	E	...	...	56·747	+24·763	− 3	E	...
...	59·450	−49·372	− 5	...	...	...	58·411	+38·486	− 5	M	...	...	56·680	−33·838	− 1	...	...
...	−59·433	−45·203	− 5	...	...	...	−58·386	−50·866	− 5	...	...	...	−56·572	−15·619	0·70	...	...
*	59·167	−21·779	2·00	46.9507	9·0	...	57·741	+35·924	− 4	...	...	...	56·540	+11·809	− 5	E	...
...	59·149	+11·294	0·95	...	...	...	57·516	+26·286	− 4	E	...	...	56·480	− 1·078	− 5	M	...
...	59·087	+55·845	− 2	...	...	...	57·433	− 0·605	− 4	...	...	...	56·457	+39·704	− 5	M	...
...	59·021	−14·129	− 5	...	...	...	57·391	+25·688	1·00	...	...	...	56·410	+11·224	− 4	E	...

L measured from 1, 204, 401, 592, 767, 952.
ES ,, ,, 90, 303, 502, 672, 856, 1044.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
31–90					
31					
...	−56·372	+24·903	− 5	M	...
...	56·324	+18·116	− 2	...	...
...	56·296	−38·285	− 4	...	...
...	56·243	− 8·401	0·70	...	...
...	56·229	+47·116	− 3	...	...
...	−56·182	−35·333	− 1	...	...
...	56·076	−40·935	− 5	M	...
...	55·928	−52·379	− 5	...	...
...	55·821	+28·063	− 4	E	...
...	55·733	−26·475	− 4	...	...
41					
...	−55·666	+ 7·459	− 4	M	...
...	55·289	+26·992	− 4	M	...
...	55·280	+ 2·228	− 5	E	...
...	54·753	+10·945	− 4	E	...
...	54·735	+ 6·002	− 5	M	...
*	−54·652	+21·312	2·00	45.9500	9·3
...	54·439	+18·270	− 5	M	...
...	54·344	+52·970	− 5	M	...
...	54·302	−10·748	− 3	...	...
...	54·286	+56·485	− 2	...	...
51					
*	−53·914	−58·704	1·15	46.9509	9·8
...	53·637	−13·129	− 5	M	...
...	53·554	+ 0·582	− 5	E	...
...	53·524	− 3·723	− 5	...	...
*	53·346	−28·123	1·00	46.9510	10·3
...	−53·208	+ 9·582	− 4	E	...
...	53·091	−28·962	− 5	...	...
...	53·060	−30·653	1·00	...	...
...	52·961	−48·922	− 4	E	...
...	52·851	−18·140	− 2	...	...
61					
...	−52·658	−18·634	− 5	...	...
...	52·511	−15·769	− 5	...	...
...	52·494	+14·190	− 5	M	...
...	52·443	−35·875	0·95	...	...
...	52·296	+47·393	− 4	E	...
...	−52·220	−19·665	− 5	...	...
...	52·153	+13·387	− 5	M	...
...	52·054	+21·656	− 4	E	...
...	51·836	−59·288	− 1	...	...
...	51·830	−39·379	− 3	...	...
71					
...	−51·685	−13·532	− 5	...	...
*	51·672	−31·433	1·10	46.9511	10·0
...	51·667	−47·726	− 4	...	...
...	51·542	+22·040	− 5	M	...
...	51·384	−28·124	− 4	...	...
...	−51·343	+10·447	− 1	...	...
...	51·338	+16·905	− 5	M	...
...	51·235	−37·646	− 5	...	...
S*	51·222	−43·164	3·90	46.9512	6·9
...	51·143	−29·703	− 5	M	...
81					
...	−51·003	− 6·895	− 5	...	...
...	50·954	+16·894	− 5	M	...
...	50·733	+22·484	− 5	E	...
...	50·716	+25·287	− 5	M	...
...	50·658	+10·604	− 5	E	...
...	−50·463	− 3·345	− 5	...	...
...	50·333	−21·316	− 4	...	...
...	50·287	− 9·620	− 4	...	...
...	50·220	−10·412	− 4	...	...
...	49·806	+ 4·236	− 5	M	...
91–150					
91					
...	−49·635	+51·943	− 1	...	...
...	49·462	−57·050	0·75	...	...
...	49·457	+47·697	− 3	E	...
*	49·291	−47·237	1·20	46.9513	10·4
...	49·241	−10·726	− 5	M	...
*	−49·218	+11·373	1·40	45.9501	9·9
*	49·098	+47·476	1·35	45.9502	10·2
...	49·086	−12·192	− 5	M	...
...	49·032	− 4·292	− 4	...	...
...	49·008	−12·989	− 5	M	...
101					
...	−48·827	+12·586	0·90	...	...
...	48·791	−17·615	0·85	...	...
...	48·771	−10·264	− 4	...	...
...	48·733	−23·601	− 4	...	...
...	48·724	−38·621	− 3	...	...
...	−48·721	−35·171	− 1	...	...
...	48·370	−28·153	− 5	M	...
*	48·249	−55·252	1·80	46.9514	9·9
...	48·238	− 9·534	− 4	...	...
...	47·990	− 1·876	− 5	M	...
111					
*	−47·935	−43·522	1·15	46.9515	10·2
...	47·897	+40·064	− 3	E	...
...	47·873	+41·036	− 5	M	...
...	47·803	−47·967	− 3	...	...
†	47·449	+34·980	− 4	M	...
...	−47·302	−19·689	− 5	...	...
...	47·219	−59·364	0·85	...	...
...	47·070	− 8·123	− 5	M	...
...	46·794	−38·609	− 2	...	...
*	46·677	+22·751	1·15	45.9504	10·3
121					
...	−46·655	+ 8·799	− 2	E	...
...	46·654	+ 0·322	− 5	M	...
*	46·567	+ 7·585	1·00	...	...
S*	46·540	+18·310	2·65	45.9503	8·7
...	46·429	−19·708	0·90	...	...
*	−46·385	−26·823	1·00	...	...
*	46·205	−46·304	1·40	46.9516	10·0
...	46.052	−58·445	0·80	...	...
...	45·916	−50·501	− 1	...	...
...	45·907	+18·556	− 3	E	...
131					
...	−45·849	−52·771	1·10	...	...
...	45·776	−53·867	0·75	...	...
...	45·686	+26·308	− 2	E	...
*	45·619	+52·489	1·70	45.9506	9·7
*	45.580	−42·639	4·70	46.9517	6·9
...	−45·571	−16·515	0·70	...	...
...	45·524	− 3·136	− 5	M	...
...	45·510	+16·781	− 5	M	...
*	45·469	+25·550	1·25	45.9505	10·2
...	45·360	−24·285	0·65	...	...
141					
...	−45·299	+49·283	− 5	M	...
†	44·981	−24·056	− 4	...	...
†	44·901	+37·412	0·95	...	...
...	44·894	−31·684	− 2	...	...
...	44·655	+32·360	0·80	...	...
...	−44·641	+ 4·334	− 2	M	...
...	44·466	−11·563	− 5	...	...
†	44·455	−14·914	− 4	...	...
...	44·435	+19·895	− 2	M	...
...	44·343	+27·917	− 5	M	...
151–210					
151					
...	−44·272	+21·041	− 4	M	...
*	44·003	−33·387	1·05	...	...
*	43·952	+39·155	1·90	45.9507	9·2
...	43·857	+18·294	− 4	M	...
*	43·838	+26·862	1·05	...	...
...	−43·753	+13·474	0·80	...	...
*	43·724	+ 0·403	2·20	46.9520	9·2
†	43·687	+44·919	− 2	...	...
...	43·684	+42·032	− 2	...	...
*	43·672	−30·008	1·30	46.9519	10·3
161					
...	−43·477	+31·303	− 2	...	...
...	43·418	−36·962	− 5	M	...
*	43·400	−53·740	2·50	46.9518	8·3
...	43·343	+40·892	− 2	...	...
...	43·320	−28·559	− 5	M	...
...	−43·296	−44·679	0·95	...	...
...	43·269	+46·552	− 5	M	...
...	43·164	−35·822	0·70	...	...
...	43·136	− 0·547	0·70	...	...
...	43·117	− 0·733	0·85	...	...
171					
...	−42·946	−39·587	0·70	...	...
...	42·846	−27·973	− 4	...	...
*	42·827	−58·684	1·20	47.9093	10·4
...	42·802	+56·234	− 5	M	...
...	42·752	−17·005	− 5	...	...
*	−42·665	− 7·434	1·00	...	...
...	42·560	− 9·795	− 4	...	...
...	42·161	− 8·362	− 5	M	...
...	41·838	−25·838	− 4	...	...
...	41·798	+14·872	− 5	M	...
181					
*	−41·780	+ 8·552	1·70	45.9508	9·5
*	41·727	+25·811	1·10	45.9509	10·3
...	41·559	−34·976	− 5	M	...
...	41·502	− 0·077	− 3	M	...
...	41·502	−23·843	− 5	M	...
...	−41·391	−30·467	− 2	...	...
...	41·331	+12·176	− 4	M	...
*	41·309	−14·010	1·30	46.9521	9·9
*	41·283	+22·902	1·40	45.9510	9·6
...	41·105	+20·954	− 4	M	...
191					
...	−41·067	+37·656	− 5	M	...
...	40·954	+47·915	− 5	M	...
...	40·924	+30·800	1·00	...	...
...	40·918	− 1·114	− 5	...	...
...	40·917	−39·635	0·80	...	...
...	−40·874	+29·452	− 5	M	...
...	40·859	+48·646	0·65	...	...
...	40·859	−22·727	− 2	...	...
...	40·615	−23·064	− 3	...	...
...	40·603	+31·293	− 2	...	...
201					
...	−40·600	+15·939	2	A	...
...	40·380	−46·959	0·70	...	...
...	40·355	−11·242	− 5	...	...
...	39·808	+50·850	− 5	M	...
...	39·693	+17·135	0·80	...	...
...	−39·685	−26·587	1·00	...	...
...	39·642	+23·678	− 5	M	...
...	39·502	− 1·368	− 4	...	...
...	39·298	+58·769	− 5	M	...
...	39·146	+42·099	− 5	M	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
211–270					
211					
...	−39·140	+ 7·814	− 5	M	...
...	39·113	+54·986	− 5	M	...
*	38·963	+ 2·220	1·30	45.9511	9·7
...	38·912	+35·419	− 5	M	...
...	38·732	−57·186	− 5	...	...
...	−38·687	+46·606	− 2	...	...
...	38·566	+13·638	− 4	M	...
...	38·500	−24·261	− 4	...	...
...	38·435	+21·782	− 5	M	...
...	38·356	+29·536	− 3	...	...
221					
...	−38·336	+ 8·162	− 5	M	...
...	38·293	+28·908	− 5	M	...
...	38·282	−37·708	− 4	...	...
...	38·280	−19·769	− 5	...	...
...	38·204	+ 2·995	− 5	M	...
...	−38·198	−47·451	− 4	...	...
...	37·848	−12·826	− 5	...	...
*	37·669	+54·657	1·80	45.9512	9·2
...	37·624	−43·696	− 2	...	...
S*	37·591	+54·219	1·45	45.9513	9·2
231					
...	−37·584	+32·243	− 5	M	...
...	37·481	−47·806	− 4	...	...
...	37·261	−46·050	− 4	...	...
...	37·154	+34·752	− 2	B	...
...	37·119	+32·067	− 5	M	...
*	−36·965	−42·192	1·00	...	...
...	36·961	+22·167	− 3	M	...
...	36·779	−12·432	0·95	...	...
...	36·778	+39·669	0·65	...	...
...	36·775	+39·423	0·95	45.9514	10·4
241					
*	−36·745	− 5·424	1·00	...	...
...	36·715	−59·684	− 5	...	...
...	36·698	+43·049	− 5	M	...
...	36·576	+33·586	− 5	M	...
...	36·548	−39·757	− 5	...	...
...	−36·532	+11·049	− 5	M	...
...	36·292	− 6·286	− 5	...	...
...	36·274	+35·489	− 5	M	...
...	36·251	−36·028	− 4	...	...
...	36·214	+ 2·909	0·90	...	...
251					
...	−36·172	−37·749	− 5	...	...
...	36·128	−29·438	− 5	...	...
...	36·087	−20·569	− 5	...	...
...	35·979	−37·489	− 2	...	...
...	35·917	−43·992	− 2	...	...
...	−35·678	− 2·700	− 5	M	...
...	35·614	−53·787	− 5	...	...
...	35·486	−23·711	− 3	...	...
...	35·248	−34·301	− 3	...	...
...	35·116	−30·892	0·95	...	...
261					
...	−34·943	−50·104	− 5	...	...
...	34·924	−41·978	− 5	...	...
...	34·893	−37·169	− 5	M	...
...	34·804	−53·700	− 5	...	...
...	34·799	−22·284	− 4	...	...
...	−34·682	+10·801	− 5	M	...
...	34·669	+43·999	− 4	M	...
...	34·581	+48·221	− 4	M	...
...	34·504	−38·585	− 2	...	...
...	34·298	−25·441	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
271–330					
271					
...	−34·138	−33·385	0·70	...	...
...	34·049	−12·928	− 5	...	...
...	33·987	−23·930	− 5	...	...
*	33·941	+43·214	1·10	45.9516	10·3
...	33·837	+25·327	− 5	M	...
...	−33·803	+35·147	− 4	M	...
*	33·741	+21·378	1·20	45.9515	9·7
...	33·482	+41·485	− 5	M	...
*	33·238	+ 3·937	1·00	...	...
...	33·070	−24·699	− 5	...	...
281					
...	−32·897	−25·270	− 5	...	...
...	32·895	+18·168	− 4	M	...
...	32·863	+31·944	− 4	M	...
...	32·847	−50·536	− 5	M	...
...	32·833	−15·947	− 5	...	...
...	−32·563	+14·152	− 5	M	...
...	32·508	−46·707	− 5	...	...
*	31·968	+45·603	1·25	45.9517	9·7
...	31·798	−23·021	− 4	...	...
...	31·688	+55·233	0·90	...	...
291					
...	−31·617	+25·819	0·65	...	...
...	31·569	+33·585	− 4	M	...
...	31·479	+17·845	0·90	...	...
...	31·292	+47·826	− 4	M	...
N	31·028	+13·808	0·80	A	...
...	−30·833	+23·470	− 5	M	...
...	30·719	−48·300	− 4	...	...
...	30·645	+13·717	− 4	M	...
...	30·374	+ 3·961	− 1	...	...
*	30·307	−11·988	1·00	46.9522	10·4
301					
...	−30·129	+22·085	− 5	M	...
...	30·100	+26·543	− 5	M	...
‡	29·967	+23·353	4·60	45.9518	7·2
‡	29·954	+33·643	1·00	45.9520	10·4
...	29·867	+40·696	− 3	M	...
...	−29·762	+40·464	− 4	M	...
...	29·749	+36·382	1·00	...	...
*	29·628	+16·419	1·25	45.9519	10·0
...	29·606	− 3·663	− 1	...	...
...	29·584	−49·127	− 5	...	...
311					
*	−29·579	+38·426	1·70	45.9521	9·7
...	29·433	−42·131	0·80	...	...
...	29·061	−47·578	− 4	...	...
...	28·903	−43·443	1·00	...	...
...	28·772	−12·112	− 2	...	...
...	−28·703	− 5·819	− 5	M	...
...	28·544	−30·319	− 5	...	...
...	28·371	−47·872	− 5	M	...
...	28·291	−21·572	− 5	...	...
...	28·146	+47·219	− 5	M	...
321					
*	−28·064	−49·988	1·15	46.9523	10·4
*	28·013	−42·533	1·00	...	...
...	27·929	−46·240	− 5	...	...
...	27·756	+17·700	− 3	M	...
...	27·725	−22·242	− 1	...	...
...	−27·618	−25·207	− 5	...	...
...	27·607	+47·351	0·75	...	...
...	27·581	−38·345	− 5	M	...
...	27·462	+ 3·128	− 5	M	...
*	27·413	+36·885	2·00	45.9522	9·0

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
331–390					
331					
...	−27·397	+ 3·464	− 5	M	...
...	27·342	+26·456	0·70	...	...
...	27·232	−43·351	− 2	...	...
...	27·219	−13·302	− 2	...	...
...	27·207	−54·982	− 4	...	...
...	−27·204	+36·151	− 4	M	...
...	27·149	−48·329	− 5	...	...
...	27·141	+10·144	− 5	M	...
†	26·943	+44·892	− 5	M	...
...	26·905	−58·420	− 5	M	...
341					
...	−26·776	+44·182	− 4	M	...
...	26·408	− 3·457	− 4	...	...
...	26·375	−54·052	− 4	...	...
...	26·313	−53·939	− 5	...	...
...	26·311	+49·087	− 5	M	...
...	−26·233	−55·941	− 4	...	...
...	26·115	+34·166	− 3	M	...
...	25·973	+30·103	− 4	M	...
...	25·768	+15·416	− 5	M	...
...	25·706	+ 3·451	0·90	...	...
351					
...	−25·688	−55·771	0·75	...	...
S*	25·539	− 6·084	2·20	46.9524	8·9
...	25·393	−52·082	0·90	...	...
...	25·359	+23·506	− 3	M	...
...	25·353	−53·506	− 4	M	...
...	−25·241	−56·755	− 4	...	...
†	25·198	−19·914	− 5	...	...
...	25·091	+48·876	− 4	M	...
†	25·069	− 2·763	− 2	...	...
†	24·976	−43·896	0·80	...	...
361					
*	−24·555	+47·523	1·60	45.9524	9·7
...	24·505	−48·184	0·90	...	...
...	24·286	+ 1·057	− 5	M	...
...	24·187	+43·636	− 4	M	...
...	24·175	−52·655	0·65	...	...
...	−23·853	+46·214	− 4	M	...
...	23·749	+55·449	− 3	M	...
...	23·699	+31·845	− 4	M	...
...	23·405	− 9·485	− 4	...	...
...	23·399	− 8·437	− 5	M	...
371					
...	−23·378	−33·952	− 3	...	...
*	23·353	−51·414	1·35	46.9525	9·9
...	23·352	+50·113	− 5	M	...
...	23·248	−35·935	− 4	...	...
...	22·900	+23·221	− 5	M	...
*	−22·813	−58·522	1·25	47.9103	10·0
...	22·767	+35·528	0·95	...	...
...	22·607	−54·958	− 3	...	...
...	22·522	+ 7·614	− 5	M	...
*	22·382	−56·950	1·15	46.9526	10·3
381					
...	−22·347	−17·466	− 5	...	...
...	22·202	+39·781	− 5	M	...
...	22·182	−28·779	− 5	M	...
...	21·969	− 2·971	− 5	...	...
...	21·937	−29·675	− 5	M	...
...	−21·852	−41·341	− 2	...	...
...	21·572	−27·431	− 5	...	...
*	21·531	+22·800	1·50	45.9525	9·9
...	21·509	−28·490	− 5	...	...
...	21·440	−23·509	− 2	...	...

295. 45°·113, obscured by fault.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
391–450					
391				°	
...	−21′169	+32′520	0·95	45.9526	10·4
...	21·152	− 0·364	− 5	...	...
...	21·135	+20·240	− 3	M	...
...	21·109	+49·537	0·90	...	...
*	21·107	−14·501	1·80	46.9527	9·6
...	−20·938	−19·739	− 5	...	...
...	20·690	−54·479	− 5	...	...
...	20·430	+12·879	0·80	...	...
...	20·323	− 4·814	− 4	...	...
...	20·157	+24·110	− 3	M	...
401					
...	−19·864	+53·767	− 5	M	...
...	19·780	−42·082	− 4	...	...
...	19·643	+48·648	− 5	M	...
†	19·553	+25·013	− 3	M	...
...	19·541	+52·431	− 5	M	...
...	−19·430	−44·304	− 3	...	...
...	19·425	+56·139	− 3	M	...
...	19·370	−54·651	− 5	...	...
...	19·157	−46·224	− 5	...	...
...	19·026	+38·262	− 4	M	...
411					
*	−18·989	−28·184	1·70	46.9528	9·4
...	18·850	−29·306	− 3	...	...
...	18·761	−33·413	− 5	...	...
...	18·727	+51·901	− 5	M	...
...	18·645	−38·716	0·90	...	...
...	−18·604	−15·761	− 5	...	...
...	18·588	+12·960	− 5	M	...
...	18·417	+17·479	− 2	A	...
...	18·244	+13·767	− 5	M	...
...	18·176	−45·969	− 5	...	...
421					
...	−18·132	−38·079	− 5	...	...
...	18·097	+11·428	− 5	M	...
...	17·908	−42·288	− 5	...	...
...	17·735	−38·408	− 3	...	...
...	17·599	−20·553	− 3	...	...
...	−17·569	+34·534	− 5	M	...
*	17·559	+17·749	1·00	45.9527	10·3
*	17·425	−33·186	1·00	46.9529	10·3
...	17·419	−11·649	− 5	...	...
....	17·383	+10·092	− 5	M	...
431					
...	−17·318	−28·499	− 4	...	...
†	17·274	+34·997	− 3	M	...
...	17·261	+12·312	− 4	M	...
*	17·206	−47·893	1·00	46.9530	10·4
...	17·110	+ 3·902	− 4	M	...
...	−16·838	+27·357	− 2	...	...
...	16·837	+36·979	− 5	M	...
*	16·742	− 7·901	1·00	46.9532	10·4
*	16·713	+23·062	1·00	...	...
*	16·624	−24·172	2·00	46.9531	9·2
441					
...	−16·606	+28·671	0·85	...	...
...	16·578	+56·178	− 5	M	...
...	16·540	+ 8·346	− 4	M	...
...	16·504	−39·387	− 5	M	...
*	16·503	−59·684	1·50	47.9105	9·3
...	−16·396	−17·859	− 3	...	...
...	16·341	+47·517	− 4	M	...
...	16·287	−32·308	− 5	...	...
*	16·261	−30·819	1·10	46.9533	9·8
...	16·253	− 6·691	− 5	...	...
451–510					
451				°	
...	−16′212	+ 1′904	− 5	M	...
*	16·210	+28·647	1·00	45.9528	10·3
...	16·185	− 8·216	− 5	...	...
...	15·853	+16·309	− 5	M	...
...	15·821	−12·320	− 4	M	...
...	−15·814	−42·617	− 4	...	...
...	15·672	+31·873	− 4	M	...
...	15·641	+20·935	− 4	M	...
†	15·623	−54·783	− 3	...	...
...	15·589	+49·434	− 5	M	...
461					
*	−15·555	+38·500	1·00	45.9529	10·3
...	15·507	+11·386	− 1	...	...
†	15·184	+35·004	− 5	M	...
...	15·153	−53·499	− 3	...	...
...	14·918	− 6·122	− 3	...	...
...	−14·671	+25·633	− 4	M	...
...	14·557	+54·010	− 5	M	...
*	14·512	+39·154	1·25	45.9530	9·4
...	14·495	−44·196	− 3	...	...
...	14·082	+59·706	− 5	M	...
471					
‡	−13·970	−19·855	1·05	46.9534	9·8
...	13·798	+19·236	0·95	...	...
...	13·713	+16·988	− 5	M	...
*	13·623	+11·341	1·05	45.9531	10·0
...	13·594	+19·671	0·75	...	...
...	−13·587	+ 8·062	− 4	M	...
...	13·157	+54·266	− 4	...	...
...	13·091	−34·972	− 5	...	...
*	13·041	−55·830	1·00	...	...
...	12·992	+18·979	− 5	M	...
481					
...	−12·842	−36·000	− 5	M	...
...	12·834	−50·610	− 5	...	...
...	12·223	+27·889	− 5	M	...
S*	12·159	+43·779	2·90	45.9532	8·4
*	12·101	−41·441	1·20	46.9535	9·6
...	−11·669	−41·974	− 1	...	...
...	11·598	−11·385	− 5	...	...
...	11·521	−27·160	− 5	...	...
...	11·521	+47·006	− 5	M	...
...	11·468	+35·009	− 4	M	...
491					
...	−11·401	−18·016	− 3	...	...
...	11·297	−21·736	− 1	...	...
...	11·200	− 6·282	− 2	...	...
...	10·967	+15·742	− 5	M	...
...	10·932	+46·783	− 4	M	...
†	−10·924	−39·804	− 5	...	...
...	10·752	−58·659	− 4	...	...
*	10·620	−27·815	1·00	46.9536	9·9
...	10·229	−31·511	− 1	...	...
...	10·196	+40·728	− 4	M	...
501					
*	−10·111	−12·913	1·00	46.9537	10·4
...	9·946	+15·230	0·90	...	...
...	9·933	−53·948	− 5	...	...
...	9·591	−40·078	− 5	M	...
...	9·498	−17·619	− 5	...	...
*	− 9·486	+ 7·548	2·00	45.9534	9·2
...	9·437	+39·253	− 3	M	...
...	9·291	+37·945	− 5	M	...
...	9·234	+41·920	0·90	...	...
...	9·080	−42·108	− 5	...	...
511–570					
511				°	
...	− 9′069	−51′358	− 4	...	...
...	8·981	+54·773	0·80	...	...
...	8·923	+48·089	− 3	M	...
...	8·835	+46·502	− 5	M	...
...	8·624	+42·912	1·00	...	...
...	− 8·548	−21·036	− 5	...	...
†	8·038	−44·841	− 5	...	...
...	8·030	+39·582	− 4	M	...
...	8·025	−59·413	− 4	...	...
...	7·942	− 2·967	− 5	M *m*	...
521					
...	− 7·930	+15·236	− 5	M	...
...	7·924	+21·886	0·65	A	...
S*	7·879	+ 2·041	2·15	45.9535	9·0
...	7·496	−42·506	0·85	...	...
...	7·432	+53·711	− 5	M	...
...	− 7·409	−42·004	1·00	...	...
*	7·398	+28·291	1·30	45.9536	9·9
...	7·112	−36·810	− 4	...	...
*	6·804	+53·588	1·25	45.9537	10·0
*	6·793	−34·939	1·10	46.9538	10·3
531					
...	− 6·748	+17·014	− 4	M	...
†	6·699	+ 0·086	0·80	F *f*	...
...	6·461	+59·290	1·00	...	...
...	6·335	−35·370	− 5	...	...
...	6·316	−55·902	0·70	...	...
...	− 6·306	−45·241	− 5	...	...
*	6·218	+24·882	1·00	45.9538	10·4
...	5·692	−37·654	− 3	...	...
*	5·676	+19·426	1·20	45.9539	10·2
...	5·546	+ 9·296	− 5	M	...
541					
*	− 5·497	+27·354	1·05	...	...
...	5·285	−31·001	− 4	...	...
...	5·244	+56·002	0·90	...	...
...	4·927	− 3·057	− 5	*m*	...
...	4·908	− 5·432	− 5	*m*	...
*	− 4·864	− 8·081	1·35	46.9539	10·0
...	4·738	+ 6·332	− 3	M	...
...	4·443	+26·908	− 5	M	...
...	4·378	+58·644	0·85	...	...
...	4·098	−32·097	− 5	...	...
551					
...	− 4·069	−25·830	− 2	...	...
...	4·015	+13·930	− 4	M	...
...	3·893	−51·231	− 5	*m*	...
...	3·872	+54·246	− 5	M	...
...	3·819	+27·776	− 5	M	...
S*	− 3·805	−42·959	2·00	46.9540	9·0
...	3·516	+ 6·037	− 1	M	...
...	3·507	+49·286	− 5	M	...
...	3·419	+29·150	− 5	M	...
...	3·360	+21·003	− 4	M	...
561					
...	− 3·173	+38·202	− 5	M	...
...	3·101	+26·465	− 5	M	...
...	3·052	+57·310	1·00	...	...
...	2·847	− 7·974	− 5	...	...
...	2·735	+46·146	0·95	...	...
...	− 2·706	+22·165	− 4	M	...
...	2·415	−32·158	− 4	...	...
...	2·407	−26·378	− 5	...	...
*	2·240	+33·579	1·05	45.9540	10·4
...	2·215	−48·155	− 2	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
	571–630				
571					
...	− 1·940	+51·229	− 3	M	...
...	1·896	−17·186	− 5	*m*	...
...	1·868	−32·229	− 2	...	...
...	1·810	+57·484	− 4	M	...
...	1·792	−37·014	0·75	...	...
*	− 1·713	− 7·780	1·10	46.9541	10·4
...	1·472	+33·515	− 4	M	...
...	1·174	−47·149	− 4	...	...
...	1·165	+54·589	− 4	M	...
...	1·115	−41·895	0·90	...	...
581					...
...	− 1·082	+ 5·348	− 5	M	...
*	0·760	+24·311	1·05	...	...
...	0·715	−28·041	− 5	...	...
...	0·632	+31·849	− 5	M	...
...	0·603	− 8·799	− 4	...	...
...	− 0·458	−51·383	0·80	...	...
...	0·328	+26·064	− 3	M	...
...	0·288	−32·002	− 4	...	...
...	0·229	+22·301	− 3	M	...
...	0·176	+29·854	− 5	M	...
591					
...	− 0·130	+59·173	− 4	M	...
†	− 0·068	−27·855	− 5	...	...
...	+ 0·274	−14·096	− 5	...	...
...	0·390	+ 8·023	− 4	M	...
*	0·433	+43·201	1·10	45.9541	9·5
...	+ 0·580	−46·998	− 5	...	...
...	0·605	−27·429	− 5	...	...
...	0·733	+22·588	− 5	M	...
...	0·947	−57·747	1·00	...	...
...	0·956	+32·492	− 4	M	...
601					
...	+ 0·965	+26·498	− 4	M	...
...	0·980	− 4·671	− 5	...	...
...	1·021	+55·387	− 4	M	...
...	1·098	−41·260	− 5	...	...
...	1·253	+20·215	− 1	45.9542	10·4
...	+ 1·813	+51·740	− 5	M	...
...	1·828	−53·404	− 4	...	...
...	1·927	+48·723	− 5	M	
...	2·147	−43·814	− 5	...	...
...	2·583	− 8·074	− 4	...	...
611					
...	+ 2·622	+57·233	− 4	M	...
...	2·635	+36·485	0·90	M	...
...	2·665	−52·550	− 5	...	...
...	2·879	−45·423	− 3	...	...
*	2·881	+ 2·173	1·00	45.9543	10·4
...	+ 3·202	−47·534	− 5	...	...
...	3·221	−24·259	− 5	...	...
...	3·298	− 7·107	0·65	46.9542	10·4
...	3·404	+52·215	− 1	...	...
...	3·591	+55·951	− 1	...	...
621					
...	+ 3·663	− 4·292	− 4	...	...
...	3·704	−43·879	1·00	...	...
...	3·743	−21·257	− 5	...	...
...	3·763	+29·022	− 5	M	...
...	3·813	+49·044	− 3	M	...
...	+ 3·815	+15·732	− 5	M	...
...	3·883	+38·301	− 5	M	...
*	4·126	−30·911	1·05	46.9544	10·0
*	4·206	−51·997	2·00	46.9543	8·8
...	4·210	+37·788	− 5	M	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
	631–690				
631					
...	+ 4·315	+ 8·502	− 5	M	...
...	4·454	−45·819	− 5	...	...
...	4·550	+20·657	− 4	M	...
†	4·939	+41·414	− 2	M	...
...	5·564	−46·846	− 5	...	...
...	+ 5·714	+36·489	− 4	M	...
...	5·812	−52·124	− 5	...	...
...	6·043	−51·713	− 5	...	...
*	6·153	+22·466	1·35	45.9544	9·4
...	6·217	−33·033	− 5	...	...
641					
...	+ 6·271	+10·083	− 1	M	...
*	6·785	−27·317	1·05	46.9545	9·9
...	6·820	+38·481	0·95	M	...
...	6·844	+50·169	− 5	M	...
*	6·868	+54·176	1·30	45.9545	9·4
...	+ 6·972	−34·648	− 5	...	...
*	7·064	−50·163	1·20	46.9547	9·8
‡	7·086	−39·821	1·00	46.9546	10·3
...	7·282	+58·117	− 5	M	...
...	7·301	+ 6·555	− 5	M	...
651					
...	+ 7·362	+40·383	− 5	M	...
...	7·433	−34·762	− 4	...	...
...	7·460	−53·909	− 5	...	...
...	7·542	−36·738	− 2	...	...
...	7·654	− 6·263	0·95	...	...
*	+ 7·752	−27·274	1·15	46.9548	9·8
...	8·039	+43·144	− 5	...	...
...	8·227	−57·309	− 5	...	...
*	8·348	+35·373	1·00	...	...
...	8·897	+45·592	− 4	...	...
661					
...	+ 8·902	−55·769	− 5	...	...
...	9·039	−43·759	− 3	...	...
...	9·059	+38·269	0·90	...	...
...	9·103	+47·417	− 5	...	...
...	9·346	+55·950	− 5	...	...
...	+ 9·387	−49·417	− 5	...	...
...	9·466	−57·024	− 4	...	...
*	9·625	+42·793	1·00	45.9546	10·4
...	9·671	−14·458	0·65	...	...
...	9·705	+10·293	− 5	...	...
671					
...	+ 9·773	−30·197	− 4	...	...
...	9·967	−23·363	0·95	46.9549	10·4
...	10·049	−55·070	− 5	...	...
*	10·113	+ 1·062	1·35	46.9550	10·0
*	10·378	+48·769	1·30	45.9547	10·0
...	+10·503	+ 4·639	− 5	...	...
	10·527	−41·445	− 5	...	...
S*	10·706	−22·663	2·10	46.9551	9·0
...	10·786	−37·825	0·90	...	...
...	11·037	+28·295	0·95	...	...
681					
...	+11·185	−31·552	− 4	...	...
	11·211	− 1·223	− 4	...	...
...	11·226	+37·913	− 3	...	...
...	11·255	+40·374	1·00	...	...
...	11·292	+52·841	0·70	...	...
...	+11·299	−56·613	− 4	...	...
*	11·401	+46·004	1·30	45.9548	9·9
...	11·487	− 9·471	− 5	...	...
...	11·595	− 9·335	− 2	...	...
...	12·078	+19·381	0·90	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
	691–750				
691					
...	+12·119	+58·146	0·85	...	...
*	12·244	+17·058	1·25	45.9549	9·9
...	12·349	+53·269	0·90	...	...
*	12·428	+57·024	1·70	45.9550	9·5
...	12·677	+16·230	− 5	...	...
*	+12·770	− 5·781	1·15	46.9552	10·4
...	12·842	−53·382	− 4	...	...
...	12·858	−23·879	− 4	...	...
...	12·879	+35·371	− 5	...	...
*	12·881	−57·991	1·05	46.9553	10·4
701					
...	+13·098	+11·778	− 5	...	...
...	13·176	−48·948	− 5	...	...
*	13·222	−46·906	1·15	46.9554	10·4
*	13·551	+19·453	1·05	...	...
...	13·607	+31·866	0·65	...	...
...	+13·686	−25·050	− 5	...	...
*	13·702	−53·271	1·00	...	...
...	13·707	−19·345	− 4	...	...
*	13·726	+55·889	1·80	45.9551	9·4
...	13·781	+ 9·678	− 5	...	...
711					
...	+13·866	−35·640	− 3	...	...
...	14·072	−21·519	1·00	...	...
...	14·142	+36·691	− 4	...	...
...	14·144	−30·737	− 3	...	...
...	14·232	−28·863	0·75	...	...
...	+14·333	+22·551	− 5	...	...
*	14·596	+58·203	1·80	45.9552	9·4
...	14·655	−39·358	− 5	...	...
...	14·738	+41·499	− 4	...	...
...	14·751	+33·045	− 4	...	...
721					
...	+14·974	−28·615	− 5	...	...
*	15·143	+ 3·895	1·30	45.9553	9·9
...	15·150	−34·172	− 3	...	...
*	15·171	−58·055	1·25	46.9555	10·3
...	15·228	+13·244	0·75	...	...
...	+15·269	+39·230	− 5	...	...
...	15·315	+41·486	− 3	...	...
...	15·521	+41·816	0·65	...	...
...	15·536	+34·793	0·70	...	...
...	15·744	−53·566	− 5	...	...
731					
*	+15·785	+36·092	1·20	45.9554	10·0
...	16·102	+27·369	0·75	...	...
...	16·138	−40·634	− 5	...	...
...	16·236	+17·050	0·70	...	...
...	16·277	−43·284	− 5	...	...
...	+16·292	+37·419	0·70	...	...
...	16·385	+30·044	− 2	...	...
...	16·439	+51·429	− 5	...	...
...	16·459	+47·404	0·90	...	...
...	16·551	−52·542	− 5	...	...
741					
...	+16·570	+47·889	0·90	...	...
...	16·573	−51·132	0·75	...	...
...	16·655	+55·264	− 5	...	...
...	16·817	−32·609	− 3	...	...
*	16·819	+16·124	1·70	45.9555	9·6
*	+16·920	−20·388	1·00	46.9556	10·4
...	17·085	−25·771	− 2	...	...
...	17·342	−45·527	− 2	...	...
*	17·373	+11·297	1·50	45.9556	9·8
...	17·539	−22·409	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
751–810					
751	′	′	°		
†	+17·646	+39·957	− 3	...	...
*	17·656	+31·906	1·25	45.9557	10·0
...	17·718	+19·088	− 5	...	...
...	18·032	−15·793	− 3	...	...
...	18·037	+31·754	0·65	...	...
*	+18·080	−59·396	1·10	...	...
†	18·525	−19·884	− 3	...	...
...	18·758	+ 7·884	− 5	...	...
...	18·879	+ 4·116	− 5	...	...
...	19·091	−57·373	− 5	...	...
761					
...	+19·138	−45·362	− 3	...	...
...	19·419	−44·925	− 4	...	...
*	19·686	+41·365	1·60	45.9558	10·0
‡	19·798	−51·516	1·40	46.9557	9·7
†	19·849	+44·102	0·80	...	...
†	+19·863	+ 0·442	− 2	...	...
...	20·321	+51·994	− 5	...	...
...	20·693	+ 5·384	− 4	...	...
*	20·716	+52·042	1·30	45.9559	9·7
*	20·810	+10·639	3·00	45.9560	8·8
771					
...	+20·820	−15·312	− 2	...	...
...	20·897	+ 3·637	− 4	...	...
...	20·969	+40·648	− 5	...	...
...	20·978	+54·520	− 5	...	...
...	21·011	−58·176	− 5	...	...
...	+21·016	+39·134	− 3	...	...
...	21·060	+ 4·342	− 5	...	...
...	21·116	+11·616	− 5	...	...
...	21·178	+ 8·215	− 3	...	...
...	21·267	+16·179	− 4	...	...
781					
...	+21·290	− 1·460	1·00	...	...
...	21·366	+53·967	− 1	...	...
...	21·730	−15·661	− 2	...	...
...	21·798	+21·078	1·00	...	...
...	21·814	−47·893	− 1	...	...
...	+21·885	− 8·855	− 5	*m*	...
*	21·941	−36·728	1·05	46.9558	9·9
...	22·070	− 5·628	− 5	...	...
*	22·380	−46·856	1·80	46.9559	9·2
...	22·404	+22·914	− 5	...	...
791					
...	+22·604	−19·671	− 4	...	...
...	22·745	−57·988	− 5	...	...
...	22·815	−25·243	− 5	...	...
...	23·000	−38·895	− 3	...	...
...	23·021	+26·767	− 5	...	...
...	+23·181	−15·191	− 4	...	...
...	23·737	−45·719	− 5	...	...
...	23·815	+44·583	− 3	...	...
...	23·827	−47·379	− 2	...	...
*	23·829	−49·431	1·00	46.9560	10·3
801					
...	+23·951	+13·276	− 4	...	...
...	24·019	−10·128	− 5	...	...
...	24·129	+16·009	− 5	...	...
...	24·138	+26·599	− 3	...	...
...	24·508	−55·770	− 5	...	...
...	+24·587	+51·293	− 3	...	...
...	24·609	−48·199	− 1	...	...
...	24·657	+12·866	− 5	...	...
...	24·772	+ 4·055	− 1	...	...
...	25·028	+16·762	0·75	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
811–870					
811	′	′	°		
...	+25·106	+44·200	− 4	...	...
...	25·119	+23·186	− 5	...	...
...	25·129	−21·214	− 2	...	...
...	25·181	+39·624	− 3	...	...
...	25·201	+28·106	− 4	...	...
...	+25·367	+52·787	− 4	...	...
...	25·503	−54·398	− 1	...	...
*	25·587	+ 1·802	1·00	...	...
*	25·907	+41·282	1·00	45.9561	10·0
...	25·943	+20·732	− 3	...	...
821					
...	+26·058	− 7·973	− 4	...	...
...	26·193	−52·569	− 5	*a*	...
S *	26·194	−58·885	3·10	47.9123	7·9
...	26·311	−53·450	− 5	...	...
...	26·311	+21·226	− 5	...	...
...	+26·504	− 9·761	− 5	...	...
...	26·707	−26·419	− 4	...	...
...	26·728	+50·744	− 5	...	...
...	26·830	+47·018	− 5	...	...
...	27·069	−28·321	− 4	...	...
831					
...	+27·088	+56·169	− 5	...	...
...	27·100	+18·126	− 5	...	...
...	27·267	+45·821	− 5	...	...
*	27·354	+44·805	1·00	...	...
...	27·405	+43·537	− 5	...	...
...	+27·577	−39·507	− 5	...	...
...	27·669	−32·380	− 4	...	...
...	27·863	+26·541	− 4	...	...
...	27·890	+21·545	− 5	...	...
*	28·460	+19·464	1·00	45.9562	10·4
841					
...	+28·473	+44·609	− 5	...	...
*	28·494	−47·790	2·20	46.9561	8·7
...	28·543	+35·369	− 5	...	...
*	28·611	−56·628	1·35	46.9562	9·4
*	28·685	+ 8·437	1·30	45.9563	9·5
*	+29·057	+51·205	1·25	45.9564	9·9
...	29·232	+50·761	− 4	...	...
...	29·266	+ 3·577	− 4	...	...
...	29·378	+19·266	− 4	...	...
...	29·488	+23·269	− 5	...	...
851					
...	+29·554	+ 4·728	− 3	...	...
...	29·588	−51·785	− 4	...	...
...	29·672	+18·012	0·90	...	...
*	29·694	−30·798	1·00	46.9563	10·0
‡	29·803	+44·665	2·00	45.9565	9·0
†	+29·894	+25·074	− 3	...	...
...	30·023	+ 9·785	− 5	...	...
...	30·281	−50·650	1·00	...	...
...	30·771	+43·406	− 3	...	...
...	30·781	+ 0·394	− 3	...	...
861					
...	+30·910	+17·612	0·85	...	...
...	31·113	−35·039	0·80	...	...
...	31·197	−12·988	− 4	...	...
...	31·497	−36·765	− 5	*m*	...
*	31·584	−33·860	1·35	46.9564	9·9
...	+31·620	−41·756	− 5	*m*	...
...	31·808	+20·385	− 4	...	...
...	32·066	−47·181	− 5	*m*	...
*	32·250	−57·667	1·10	46.9566	10·4
S *	32·294	+ 1·712	2·10	46.9565	9·2

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
871–930					
871	′	′	°		
...	+32·436	−56·730	0·80	...	...
...	32·464	−27·443	0·80	...	...
...	32·477	−29·501	− 5	...	...
...	32·806	+11·656	− 5	...	...
...	32·822	−22·782	− 5	...	...
...	+32·864	+33·198	0·85	...	...
...	32·967	+33·487	− 2	...	...
...	32·989	+19·772	− 2	...	...
...	33·268	+16·563	− 3	...	...
...	33·479	+59·029	− 3	...	...
881					
...	+33·563	+45·108	0·70	...	...
...	33·635	+36·144	− 3	...	...
...	33·644	−40·923	0·80	...	...
...	33·650	−37·174	− 3	...	...
...	33·748	+37·203	− 3	...	...
...	+33·800	+49·324	0·85	...	...
...	33·889	+46·811	0·65	...	...
...	33·895	−28·049	− 5	*m*	...
...	33·909	+41·712	0·95	...	...
...	34·155	−54·660	− 5	*m*	...
891					
...	+34·188	+41·171	− 1	...	...
‡	34·234	− 9·886	1·00	46.9567	10·2
...	34·295	−58·056	0·95	...	...
...	34·379	−35·622	− 4	...	...
...	34·450	−18·568	0·85	...	...
*	+34·463	−32·808	1·20	46.9568	10·0
...	34·571	+30·769	− 5	...	...
*	34·604	−47·109	1·00	...	...
...	34·671	+44·680	− 5	...	...
*	34·762	+59·494	1·20	45.9566	10·3
901					
†	+34·861	+ 5·099	− 4	...	...
...	34·971	+55·827	− 5	...	...
*	35·010	+ 2·371	1·10	45.9567	10·2
...	35·038	− 1·741	0·80	...	...
...	35·066	−31·432	0·80	...	...
...	+35·099	+15·456	1·00	...	...
...	35·425	+ 7·034	− 5	...	...
...	35·473	− 3·329	0·75	...	...
...	35·558	−28·824	− 5	...	...
...	35·573	− 6·580	− 4	...	...
911					
...	+35·801	+30·908	− 5	...	...
...	35·806	+24·543	− 5	...	...
...	35·871	+10·610	− 2	...	...
*	36·217	+56·051	1·10	...	...
...	36·366	−12·394	− 1	...	...
...	+36·500	+18·726	0·70	...	...
...	36·696	+57·373	− 5	...	...
...	36·855	+34·428	− 4	...	...
*	37·105	+ 4·140	1·25	45.9568	10·0
...	37·230	−26·878	0·80	...	...
921					
...	+37·243	+ 6·921	− 3	...	...
...	37·267	−34·230	0·95	...	...
...	37·298	+ 3·853	− 5	...	...
...	37·399	−43·659	− 3	...	...
...	37·579	+30·700	− 5	...	...
...	+37·847	+28·136	− 4	...	...
...	37·894	−47·400	− 5	...	...
...	38·111	+11·592	− 5	...	...
...	38·194	−37·281	− 3	...	...
...	38·281	+42·714	0·75	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−1.	No.	Mag.
931–990					
931				°	
...	+38′360	−56′923	− 5	...	...
...	38·406	− 9·812	− 4	...	...
...	38·473	+10·974	− 4	...	...
...	38·697	−50·765	− 3	...	...
...	38·711	+59·640	− 5	...	...
N *	+38·755	+56·527	1·40	45.9569	10·0
...	38·951	+27·305	− 4	...	...
...	39·018	− 5·804	0·75	...	...
...	39·032	− 3·242	− 3	...	...
...	39·141	−39·665	0·70	...	...
941					
...	+39·163	+27·051	− 3	...	...
...	39·203	−41·119	− 2	...	...
...	39·277	−17·911	− 3	...	...
*	39·291	+13·880	1·10	45.9570	10·3
...	39·300	−31·201	0·90	...	...
...	+39·305	−53·008	− 1	...	...
...	39·334	−28·523	0·70	...	...
...	39·412	+29·546	− 4	...	...
*	39·664	−21·822	2·00	46.9569	9·0
*	39·691	−39·176	2·70	46.9570	8·6
951					
...	+39·692	+50·460	0·75	...	...
†	39·836	+22·028	0·65	...	...
...	39·931	−10·896	− 4	...	...
...	40·154	−17·329	− 5	...	...
...	40·293	−36·458	− 3	...	...
...	+40·302	−40·723	− 3	...	...
...	40·315	+ 2·142	− 5	...	...
...	40·815	+22·902	− 5	*m*	...
...	40·905	+49·615	− 5	...	...
...	40·962	+36·236	− 3	...	...
961					
...	+41·053	−57·988	− 5	*m*	...
...	41·068	−53·390	− 3	...	...
...	41·186	− 9·291	− 4	...	...
...	41·375	+19·269	− 4	...	...
...	41·688	+16·887	− 2	...	...
...	+41·699	−25·972	− 3	...	...
...	41·721	−33·916	− 3	...	...
...	42·014	−59·117	− 5	*m*	...
...	42·042	+31·882	− 5	...	...
...	42·120	+ 6·063	− 2	...	...
971					
...	+42·191	−40·856	− 4	...	...
*	42·260	−31·732	1·20	46.9571	9·8
...	42·483	+53·620	− 1	...	...
...	42·669	+50·335	− 1	...	...
...	42·726	− 2·851	− 3	...	...
...	+42·838	−11·956	0·95	...	...
...	42·920	+33·711	− 5	...	...
*	43·006	+55·305	1·00	45.9571	10·4
...	43·033	− 8·889	− 4	...	...
...	43·164	−49·021	− 3	...	...
981					
...	+43·196	+12·617	− 5	...	...
...	43·331	−32·896	− 5	...	...
*	43·389	+28·960	1·30	45.9572	9·7
...	43·416	+ 1·445	− 5	...	...
...	43·862	−31·458	− 4	...	...
...	+43·869	− 1·173	− 5	...	...
...	44·079	+54·072	− 4	...	...
...	44·247	+35·018	− 4	...	...
...	44·248	−40·869	− 2	...	...
*	44·314	+13·469	1·00	45.9573	10·2

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−1.	No.	Mag.
991–1050					
991				°	
...	+44′355	−38′241	− 4	...	...
...	44·484	+21·893	− 4	...	...
...	44·490	−29·225	− 5	...	...
...	44·513	−35·806	− 4	...	...
...	44·576	−31·636	0·95	...	...
...	+44·653	+35·773	− 5	...	...
...	44·682	+12·870	− 2	...	...
...	44·864	−11·200	− 5	...	...
...	45·123	+51·364	− 2	...	...
...	45·195	+ 2·644	− 4	...	...
1001					
*	+45·207	+ 0·945	2·00	46.9572	9·2
...	45·409	−11·036	− 5	...	...
...	45·461	−38·739	1·00	46.9573	10·4
S *	45·471	+43·935	3·00	45.9575	8·1
...	45·516	+52·387	1·00	45.9574	10·4
...	+45·674	+53·541	− 4	...	...
...	45·780	−53·983	− 5	*m*	...
*	45·832	−58·275	1·05	46.9574	10·3
*	46·251	+ 6·587	1·10	45.9576	9·9
...	46·415	+22·430	0·95	...	...
1011					
...	+46·454	−22·879	− 5	...	...
*	46·501	−21·794	1·05	46.9575	10·0
...	46·679	+36·533	− 5	...	...
...	46·752	−53·722	− 3	...	...
...	46·781	+51·993	− 4	...	...
...	+46·804	+11·615	− 5	...	...
...	46·847	−27·265	− 1	...	...
...	47·037	+ 7·469	− 5	...	...
...	47·084	+35·638	− 5	...	...
...	47·197	+38·264	− 2	...	...
1021					
...	+47·220	− 3·183	− 5	*e*	...
...	47·234	−22·072	− 4	...	...
...	47·492	−29·502	− 5	...	...
...	47·552	+ 9·100	− 5	...	...
...	47·561	−31·255	− 3	...	...
...	+47·646	+ 6·417	0·95	...	...
*	47·688	−15·307	1·30	46.9576	9·5
...	48·033	−56·150	− 1	...	...
...	48·100	+57·298	− 2	...	...
...	48·173	+ 7·360	− 2	...	...
1031					
...	+48·379	+36·504	− 5	...	...
...	48·495	−45·677	1·00	...	...
...	48·514	+35·161	0·70	...	...
...	48·993	+ 3·729	0·90	...	...
*	49·043	+25·047	1·05	45.9577	10·0
...	+49·147	+29·590	− 5	...	...
*	49·256	−12·625	1·00	46.9577	10·4
†	49·285	−24·880	− 5	...	...
...	49·427	−32·346	− 4	...	...
S *	49·453	−47·836	2·05	46.9578	8·6
1041					
...	+49·552	−30·943	− 5	...	...
...	49·552	+ 5·115	− 5	...	...
...	49·566	+ 7·619	− 4	...	...
...	49·956	+ 1·158	− 5	...	...
...	50·003	−22·655	− 4	...	...
...	+50·092	+40·468	− 5	...	...
...	50·107	+17·732	− 4	...	...
...	50·324	−16·844	0·65	...	...
*	50·335	+20·840	1·20	45.9578	10·0
*	50·539	−38·599	1·10	46.9579	10·4

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−1.	No.	Mag.
1051–1110					
1051				°	
...	+50′578	+22′107	0·65	...	...
...	50·649	−56·227	0·70	...	...
...	50·756	+50·516	1·00	...	...
...	50·801	−21·393	− 4	...	...
...	50·997	−34·198	− 4	...	...
...	+51·013	− 9·207	− 2	...	...
...	51·134	−27·517	− 5	*m*	...
...	51·272	−35·162	− 5	...	...
...	51·278	−44·437	− 2	...	...
...	51·546	+47·436	− 5	...	...
1061					
...	+52·094	−16·236	− 4	...	...
*	52·103	+39·073	1·10	...	...
...	52·188	−28·615	0·85	...	...
...	52·189	−29·102	− 1	...	...
...	52·204	−16·920	− 1	...	...
...	+52·374	+17·267	− 5	...	...
...	52·377	+49·247	− 1	...	...
...	52·450	−47·045	− 2	...	...
*	52·457	− 1·232	1·20	46.9580	10·4
...	52·460	+42·622	− 1	...	...
1071					
...	+52·816	+26·898	− 3	...	...
*	52·976	− 5·567	1·70	46.9581	9·4
...	53·266	−43·716	− 4	...	...
...	53·287	+41·105	− 3	...	...
...	53·347	−45·120	− 4	...	...
...	+53·410	−58·255	− 5	*m*	...
...	53·464	+50·949	− 4	...	...
...	53·564	− 7·069	− 4	...	...
...	53·593	−12·684	− 5	...	...
*	53·609	+17·032	1·70	45.9579	9·5
1081					
...	+53·668	−31·797	0·70	...	...
...	53·703	−22·925	− 4	...	...
S *	53·812	−21·414	2·60	46.9582	8·7
...	53·819	− 4·824	− 5	...	...
...	53·838	+42·702	− 1	...	...
...	+54·216	− 3·347	− 5	*m*	...
...	54·415	−15·037	0·85	...	...
...	54·533	+32·928	− 1	...	...
†	54·846	+28·388	− 1	...	...
...	55·034	−13·675	− 5	*m*	...
1091					
...	+55·157	+13·827	− 5	...	...
...	55·172	+51·021	− 4	...	...
...	55·320	+ 8·881	− 5	...	...
...	55·452	−58·493	− 5	*m*	...
...	55·753	+24·654	− 3	...	...
...	+55·917	+36·677	1·20	45.9580	10·4
...	55·924	+ 9·346	− 5	...	...
...	56·134	+20·934	− 5	...	...
...	56·259	−35·925	0·85	...	...
...	56·511	+12·553	− 1	...	...
1101					
...	+56·563	−52·931	− 4	...	...
...	56·670	−40·195	− 5	*m*	...
...	56·717	+27·620	− 3	...	...
...	56·831	+43·529	− 5	...	...
...	56·918	+19·163	− 3	...	...
...	+56·977	+ 1·996	0·75	...	...
...	57·228	−12·436	− 5	*m*	...
...	57·273	−30·590	− 4	...	...
...	57·381	−36·048	− 5	...	...
...	57·508	−30·095	0·70	...	...

936. No sign of duplicity. 45°·114, two stars.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
1111–1120					
1111					
...	+57·599	−37·698	− 5	m	...
...	57·860	−12·540	− 5	m	...
...	57·866	+23·340	− 5	...	...
...	57·871	+37·730	− 3	...	...
...	58·129	+10·069	0·65	...	...
...	+58·170	−32·959	1·00	...	...
*	58·370	−50·145	2·20	46.9583	8·8
...	58·483	−19·683	− 4	...	...
...	58·730	−59·304	− 5	m	...
...	58·836	−38·139	1·05	...	...
1121–1127					
1121					
*	+59·169	−46·792	1·05	46.9584	10·4
...	59·447	−47·620	− 2	...	...
...	59·505	+47·803	− 3	...	...
†	59·640	−14·982	− 2	...	...
...	59·645	−20·184	− 5	...	...
†	+59·720	−27·754	− 5	m	...
‡	59·733	− 5·465	1·10	46.9585	10·2

	1-40					41-80					81–120				
1						41					81				
...	−59·528	−49·279	− 5	...	...	...	−53·704	−31·006	− 5	...	...	...	−46·236	+47·993	− 5	...	...
...	59·464	+ 0·064	− 5	...	...	...	53·401	+49·208	− 4	...	...	...	45·999	−30·403	− 5	...	...
...	59·371	−31·699	− 5	...	...	...	53·382	−16·890	− 3	...	...	...	45·991	−52·761	− 5	...	...
...	59·113	+ 2·415	− 5	...	...	...	53·348	+39·042	1·00	...	...	...	45·777	−29·902	0·65	...	
...	59·077	+51·785	− 3	...	...	S *	53·269	−47·898	2·55	46.9578	8·6	...	45·028	−32·746	− 2	...	...
*	−59·042	+ 0·717	1·90	46.9572	9·2	...	−53·098	+42·602	− 5	...	...	...	−44·806	+33·046	− 5	...	...
...	58·687	−41·092	− 5	...	...	...	52·933	− 9·243	− 3	...	...	*	44·777	+46·465	1·05	45.9585	10·2
...	58·666	−38·467	− 5	...	...	...	52·476	−38·621	1·00	46.9579	10·4	*	44·688	+26·937	1·10	45.9583	10·3
...	58·657	−31·860	− 1	...	...	...	52·372	+50·944	− 5	...	...	n *	44·554	+ 8·187	2·70	45.9582	7·0
...	58·509	+22·235	0·90	...	...	...	52·253	+26·904	− 4	...	...	...	44·507	+12·451	1·00	45.9584	10·4
11						51					91				
...	−58·206	+38·076	− 3	...	...	...	−52·247	+41·108	− 5	...	...	*	−44·486	+ 4·442	1·60	45.9581	9·7
*	58·184	+ 6·394	1·25	45.9576	9·9	...	52·162	−34·218	− 5	...	...	Sn *	44·380	+ 8·455	4·00	45.9582	7·0
...	57·915	+57·122	− 4	...	...	...	51·807	−56·248	− 5	...	...	*	44·330	− 5·228	1·10	46.9585	10·2
...	57·564	−38·918	1·00	46.9573	10·4	*	51·738	− 1·223	1·00	46.9580	10·4	*	44·285	−49·921	2·00	46.9583	8·8
*	57·035	−21·956	1·15	46.9575	10·0	...	51·720	+42·741	− 5	...	...	...	44·278	+34·002	− 2	...	...
...	−56·931	+ 8·947	− 5	...	...	†	−51·641	+59·938	− 2	...	...	...	−44·201	−37·916	0·85	...	...
...	56·893	− 3·341	− 5	E	...	...	51·631	−16·221	− 5	...	...	†	44·128	−14·746	− 3	...	...
...	56·823	+35·012	− 1	...	...	...	51·546	−44·441	− 5	...	...	...	43·970	−19·945	− 5	...	...
...	56·780	+ 6·262	0·85	...	...	...	51·507	−16·911	− 4	...	...	...	43·720	+10·443	− 3	...	...
*	56·551	−58·429	1·10	46.9574	10·3	...	51·151	−28·595	0·95	...	...	...	43·603	−46·541	0·95	46.9584	10·4
21						61					101				
...	−56·534	−27·409	− 3	...	...	*	−51·147	+17·064	1·40	45.9579	9·5	...	−43·584	−11·858	− 3	...	...
...	56·301	−22·212	− 5	...	...	*	51·070	− 5·542	1·35	46.9581	9·4	...	43·299	−47·357	− 3	...	...
...	56·286	+ 7·228	− 3	...	...	...	50·729	+32·981	− 4	...	...	*	43·278	+34·962	1·25	45.9586	10·0
*	56·046	−15·444	1·50	46.9576	9·5	...	50·647	+51·077	− 5	...	...	*	42·964	− 9·675	1·10	46.9586	10·4
...	55·997	+29·471	− 5	...	...	...	50·445	− 7·027	− 5	...	...	...	42·689	−22·804	0·80	...	...
*	−55·963	+24·931	1·05	45.9577	10·0	...	−50·279	+28·444	− 2	...	...	*	−42·635	+27·442	1·25	45.9587	10·0
...	55·803	−29·627	− 5	...	...	...	50·228	−12·627	− 5	...	...	...	42·629	− 4·592	− 5	...	...
...	55·791	−53·854	− 4	...	...	S *	49·731	−21·352	2·40	46.9582	8·7	...	42·099	−23·773	− 3	...	...
...	55·669	−31·373	− 3	...	...	...	49·593	−43·657	− 5	...	...	...	41·974	+57·984	− 5	...	...
...	55·361	+ 3·622	0·90	...	...	...	49·549	−31·739	− 3	...	...	...	41·889	+55·218	− 4	...	...
31						71					111				
...	−55·049	+50·423	− 4	...	...	...	−49·456	+36·773	1·10	45.9580	10·4	...	−41·806	+46·010	− 5	...	...
†	54·906	+ 7·526	− 5	...	...	...	49·344	−14·942	0·85	...	...	...	41·806	−30·710	0·85	...	...
...	54·672	+17·648	− 5	...	...	...	49·249	+24·749	− 4	...	...	...	41·639	+50·252	0·85	...	...
...	54·571	−12·707	1·00	46.9577	10·4	...	48·382	+27·731	− 4	...	...	...	41·412	− 0·734	− 5	...	...
*	54·553	+20·772	1·20	45.9578	10·0	...	48·111	+12·676	− 3	...	...	...	41·219	+ 8·479	− 5	...	...
...	−54·453	−56·249	− 3	...	...	...	−47·915	+19·303	− 4	...	...	...	−41·088	− 2·397	− 4	...	...
...	54·345	+22·033	− 3	...	...	...	47·534	+37·872	− 5	...	...	...	41·079	−48·728	0·70	...	...
...	54·312	−45·774	1·00	...	...	...	47·321	+ 2·151	− 2	...	...	...	40·930	−24·291	− 5	...	...
...	54·178	−24·956	− 5	...	...	...	46·842	−35·779	0·70	...	...	...	40·621	+28·918	− 5	...	...
...	53·800	−32·416	− 5	...	...	...	46·421	+10·245	− 2	...	...	...	40·563	+23·911	− 3	...	...

L measured from 1, 124, 235, 326, 425, 508.
ES „ „ 68, 190, 275, 365, 460, 554.

89, 92. C.P.D., suspected double.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
121–180					
121	′	′		°	
...	−40·331	+ 4·127	0·95	45·9588	10·4
...	40·219	+52·590	− 4	...	...
...	40·189	+ 8·998	0·75	...	...
...	39·314	−56·853	− 5	...	...
...	39·221	+52·693	− 1	...	...
...	−39·163	−47 943	− 4	...	...
...	38·946	− 5·993	− 3	...	...
...	38·649	−39·827	1·00	...	...
...	38·544	+ 9·648	1·20	45·9589	10·4
*	38·409	+28·180	1·00	45·9590	10·2
131					
...	−38·162	+12·753	− 4	...	...
...	38·097	−13·109	− 5	...	...
...	38·020	+48·327	1·00	45·9591	10·3
...	38·007	+ 6·043	− 4	...	...
...	37·700	+13·768	0·85	...	...
...	−37·675	−26·453	− 1	...	...
...	37·586	+47·534	− 5	...	...
...	37·585	+46·761	− 5	...	...
...	37·583	−56·018	− 4	...	...
*	37·415	− 1·693	1·00	46.9587	10·3
141					
...	−37·018	+26·992	− 3	...	...
...	36·990	−52·098	− 4	...	...
...	36·841	+32·339	0·90	...	...
...	36·766	+ 5·646	− 5	...	...
...	36·696	+ 5·986	− 5	...	...
...	−36·569	+51·862	− 3	...	...
...	36·528	+53·783	1·15	45·9592	10·3
...	36·447	+24·589	− 2	...	...
S *	36·391	−41·778	3·60	46.9588	7·4
*	36·337	+47·168	1·00	45·9593	10·4
151					
...	−36·225	− 1·208	1·00	46.9589	10·3
...	36·084	+42·483	− 5	...	...
...	35·988	−47·425	− 5	...	...
...	35·825	+21·814	− 2	...	...
...	35·512	+21·550	− 5	...	...
...	−35·176	+25·985	− 5	...	...
...	35·160	−40·685	− 5	...	...
...	35·109	−38·776	1·00	46.9590	10·3
†	34·968	+47·678	− 4	...	...
*	34·885	−27·391	1·10	46.9592	9·8
161					
*	−34·814	−44·425	1·00	46.9591	10·0
...	34·786	+55·677	1·00	45.9594	10·4
* [	34·336	+30·380	1·00	45.9595	10·3
... [	34·281	+30·357	0·85	...	...
...	34·300	+33·269	− 5	...	...
...	−33·904	+ 8·564	− 2	...	...
...	33·826	+ 2·431	− 5	...	...
...	33·582	−21·219	− 3	...	...
...	33·339	+54·518	− 5	...	...
...	32·692	+ 0·595	− 5	...	...
171					
*	−32·663	−52·617	1·10	46.9593	9·9
...	32·585	− 3·238	− 5	...	...
...	32·461	+43·622	− 5	...	...
*	32·450	+34·908	1·15	45.9596	10·0
†	32·403	+ 0·141	− 5	...	...
...	−32·360	−18·527	− 5	...	...
...	32·153	+ 1·938	− 5	...	...
...	32·013	+24·367	− 2	...	...
...	31·527	+12·295	− 3	...	...
...	31·488	+24·056	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
181–240					
181	′	′		°	
...	−31·214	+32·624	− 4	...	...
*	31·075	−55·871	1·15	46.9594	10·0
...	30·882	−40·737	− 5	...	...
*	30·825	−58·450	1·00	47.9157	10·4
*	30·641	+34·068	1·00	45.9597	10·3
...	−30·564	−30·504	− 2	...	...
...	30·547	+41·275	− 4	...	...
...	30·517	− 9·608	− 3	...	...
...	30·370	+27·952	− 2	...	...
†	29·941	+18·994	− 5	...	...
191					
...	−29·466	−58·857	0·95	...	...
...	29·279	− 5·371	0·80	...	...
...	29·264	+27·468	0·90	...	...
*	29·142	−32·162	1·20	46.9595	10·0
...	29·024	+ 7·820	− 5	...	...
...	−28·701	−41·891	− 5	...	...
...	28·541	+21·705	− 2	...	...
...	28·488	+ 0·698	0·95	...	...
...	28·023	−42·494	− 5	...	...
...	27·996	+20·976	1·00	45.9598	10·4
201					
...	−27·693	−12·051	− 5	...	...
...	27·104	+41·387	− 4	...	...
...	27·078	−25·745	− 2	...	...
...	26·926	+27·806	− 5	...	...
*	26·816	+34·657	1·15	45.9599	10·2
...	−26·790	−35·009	− 5	M	...
...	26·720	−39·373	− 2	A	...
...	26·669	−43·989	0·85	...	...
...	26·616	+52·429	− 5	...	...
...	26·463	+12·029	− 2	...	...
211					
...	−26·333	− 8·281	0·75	...	...
...	26·136	−42·754	− 5	...	...
...	25·713	+43·999	0·75	...	...
...	25·333	−46·714	− 5	...	...
*	25·131	−13·375	1·80	46.9596	9·5
...	−24·805	+37·030	1·00	...	...
...	24·785	−55·800	0·85	...	...
...	24·745	−52·060	1·05	...	...
...	24·704	+34·643	− 5	...	...
...	24·630	−19·213	1·00	46.9597	10·3
221					
...	−24·471	−41·764	0·70	...	...
...	24·409	−55·426	− 5	...	...
*	24·154	−57·892	1·50	46.9598	9·7
...	23·764	+32·454	0·65	...	...
*	23·130	+36·736	1·05	45.9600	10·3
...	−23·093	+30·003	− 4	...	...
...	23·059	+ 6·250	0·90	...	...
...	23·021	−32·185	0·90	46.9599	10·4
S *	22·976	+42·874	2·55	45.9601	8·7
*	22·834	−38·267	2·30	46.9600	8·9
231					
*	−22·637	−47·250	1·00	46.9601	10·4
*	21·791	+43·334	1·40	45.9602	9·9
...	20·579	+59·343	− 5	...	...
...	20·393	−22·053	− 4	...	...
...	19·771	+20·626	− 3	...	...
...	−19·646	−27·136	1·00	46.9602	10·4
...	19·472	+52·845	− 5	...	...
...	19·228	− 4·354	− 4	...	...
*	18·937	−35·618	1·00	46.9603	9·9
...	18·676	−25·833	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
241–300					
241	′	′		°	
...	−18·293	+45·776	0·90	...	...
...	17·754	+32·603	− 5	...	...
...	17·594	+ 5·985	− 5	...	...
...	16·876	+ 7·912	− 4	...	...
...	16·712	+11·193	0·85	...	...
*	−16·543	−45·342	1·15	46.9604	9·7
...	16·438	+55·716	− 4	...	...
*	16·228	−10·796	2·80	46.9605	8·8
...	16·165	−15·275	1·00	46.9606	10·4
...	16·030	+33·068	− 5	...	...
251					
...	−15·724	−50·639	1·00	46.9607	10·4
*	15·343	+12·343	1·10	45.9603	10·2
...	14·485	− 7·956	− 5	...	...
...	14·473	+13·369	− 5	...	...
†	14·222	−24·775	0·90	46.9608	10·4
...	−14·209	+43·508	− 4	...	...
...	14·163	−12·407	− 4	...	...
‡	14·038	+15·108	1·00	45.9604	10·3
...	13·881	+13·495	− 4	...	...
...	13·576	+ 2·345	− 3	...	...
261					
*	−13·251	−12·206	1·30	46.9609	9·6
...	13·115	−10·434	− 5	...	...
†	13·102	−24·798	0·90	...	...
*	12·965	+58·164	2·30	45.9605	8·9
...	11·168	+21·841	1·00	45.9607	10·4
*	−11·137	+26·438	1·00	45.9606	10·0
*	11·001	+29·066	2·00	45.9608	9·2
...	10·904	+48·773	− 4	...	...
‡	10·646	+30·068	1·00	...	...
...	10·472	−52·446	0·90	...	...
271					
...	−10·459	+ 2·344	− 5	...	...
...	10·442	+59·360	− 5	...	...
...	10·307	+56·927	− 5	...	...
†	10·044	+48·361	− 4	...	...
†	9·960	+ 3·813	1·35	45.9609	9·6
...	− 9·675	−19·424	− 5	...	...
*	9·664	−58·461	1·20	47.9168	10·3
...	9·638	−40·679	− 3	...	...
*	9·552	+22·953	1·70	45.9610	9·6
...	9·507	+16·325	− 3	...	...
281					
*	− 9·480	−15·023	1·90	46.9610	9·4
S *	9·475	− 6·121	3·00	46.9611	8·4
...	8·635	+48·028	0·85	...	...
...	8·463	+ 7·790	− 4	...	...
...	8·443	−42·868	− 5	...	...
...	− 8·095	−35·001	− 3	...	...
...	8·054	+54·698	− 3	...	...
...	7·882	−32·283	− 3	...	...
...	7·581	−58·444	0·85	...	...
...	7·540	+37·480	− 4	...	...
291					
*	− 7·443	+ 1·274	1·05	46.9612	10·3
...	7·401	−42·616	− 3	...	...
...	7·231	+41·319	0·70	...	...
...	7·177	+18·333	− 4	...	...
...	6·582	+ 5·929	− 5	...	...
...	− 6·336	− 6·338	− 5	...	...
...	6·255	+ 6·271	− 1	...	...
*	6·248	+40·848	1·00	45.9611	10·4
...	5·975	+51·566	− 3	...	...
‡	5·106	−35·887	1·00	46.9613	10·0

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
301–360					
301					
...	− 4·732	−36·445	− 4	...	...
...	4·646	−52·019	− 3	...	...
...	4·534	−52·606	− 3	...	...
*	4·341	− 8·280	1·25	46.9614	9·8
*	4·301	+36·447	1·00	...	...
...	− 4·169	−22·432	− 3	...	...
...	3·961	−41·480	0·90	...	...
*	3·912	− 7·330	3·00	46.9615	8·0
...	3·220	−28·282	0·65	...	...
...	3·211	−40·333	− 4	...	...
311					
*	− 3·076	+58·377	1·70	45.9613	9·9
...	3·060	−55·479	− 4	...	...
*	2·792	+30·885	1·15	45.9614	10·2
*	2·471	− 1·909	1·40	46.9616	9·7
...	2·446	−41·675	− 5	...	...
...	− 2·246	−42·645	− 5	...	...
...	2·109	−38·902	− 3	...	...
...	1·419	−42·040	− 2	...	...
...	1·223	−59·098	− 4	...	...
...	0·774	−48·589	− 5	...	...
321					
...	− 0·612	+24·303	− 5	...	...
...	0·536	+41·801	0·75	...	...
...	0·441	+56·839	− 3	...	...
*	0·360	−43·282	1·25	46.9617	9·8
...	− 0·209	+48·703	− 3	...	...
...	+ 0·184	+ 2·345	− 5	...	...
*	0·216	−56·310	1·15	46.9618	9·7
...	0·468	+31·495	− 4	...	...
...	0·722	+18·225	− 5	...	...
...	0·732	−29·166	− 3	...	...
331					
...	+ 0·775	−41·720	− 5	...	...
...	1·067	−48·004	− 5	...	...
...	1·267	−59·264	− 4	...	...
...	1·537	−36·496	− 5	...	...
...	1·801	− 6·000	− 1	46.9619	10·4
...	+ 2·038	−42·100	− 5	...	...
...	2·125	−16·691	− 5	...	...
...	2·217	−52·573	− 1	...	...
...	3·013	+13·540	− 1	...	...
*	3·315	+36·278	1·30	45.9615	9·6
341					
...	+ 3·560	+ 20·766	− 5	...	...
*	3·896	−16·258	1·35	46.9620	9·4
...	4·660	+27·547	− 5	...	...
...	5·017	−35·950	− 5	...	...
...	5·061	−39·179	− 3	...	...
...	+ 5·192	−34·969	− 2	...	...
S *	5·793	+30·965	2·90	45.9616	8·4
...	5·999	+11·872	− 2	...	...
*	6·228	−18·891	2·10	46.9621	9·3
*	6·659	−59·475	1·00	47.9180	10·0
351					
...	+ 6·817	+20·037	1·00	45.9617	10·4
*	6·978	+40·610	1·10	45.9618	9·7
...	7·177	+59·343	− 3	...	...
...	7·237	+ 1·953	− 3	...	...
...	7·351	−41·235	− 5	...	...
...	+ 7·608	+29·296	− 3	...	...
...	7·672	−54·231	1·00	...	...
...	8·130	−45·241	0·85	...	...
...	8·346	+32·631	− 4	...	...
S *	8·688	−30·283	2·00	46.9622	9·2
361–420					
361					
...	+ 9·239	−18·303	− 2	...	...
...	9·343	−44·838	− 5	...	...
...	9·370	+ 5·061	− 2	...	...
...	9·664	−48·225	− 5	...	...
*	10·065	−23·789	1·60	46.9623	9·6
...	+10·115	−46·078	− 3	...	...
...	10·179	−57·489	− 4	...	...
...	10·470	−12·457	− 4	...	...
...	10·829	+ 1·899	1·00	46.9624	10·4
...	11·121	+ 3·400	− 4	...	...
371					
...	+11·365	−15·905	− 4	...	...
...	11·390	−48·876	0·80	...	...
...	11·513	+ 9·972	− 5	...	...
...	11·861	−50·871	0·70	...	...
...	12·116	−29·461	− 5	...	...
...	+12·176	+34·632	0·90	...	...
...	12·209	+24·335	0·85	...	...
...	12·269	+38·302	− 3	...	...
...	12·446	+29·225	− 5	...	...
...	12·538	+43·010	0·80	...	...
381					
*	+12·617	−23·533	1·30	46.9625	9·8
...	12·714	−32·606	1·00	46.9626	10·4
...	12·823	−43·396	− 4	...	...
...	12·914	−48·956	− 4	...	...
...	13·150	−10·476	− 3	...	...
*	+13·189	−18·956	1·35	46.9627	9·7
...	13·286	+16·823	− 5	...	...
...	13·475	+42·656	1·00	...	...
...	13·539	+11·741	− 2	...	...
...	13·950	+42·041	0·80	...	...
391					
...	+13·964	+ 1·677	0·85	...	...
...	14·000	−46·307	− 4	...	...
...	14·023	+17·179	− 5	...	...
...	14·638	− 6·027	− 5	...	...
...	15·079	−47·284	− 5	...	...
*	+15·200	+46·012	2·80	45.9620	8·6
...	15·226	−31·624	− 5	...	...
...	15·648	−52·263	− 5	...	...
...	15·918	+45·309	− 4	...	...
...	15·999	+ 6·641	− 1	...	...
401					
...	+16·030	+ 2·825	− 5	...	...
...	16·042	+40·481	− 5	...	...
*	16·113	+ 2·694	1·20	45.9621	9·9
...	16·175	−43·291	− 5	...	...
...	16·197	−40·461	− 5	...	...
...	+16·364	+57·355	− 5	...	...
...	16·434	−52·678	− 5	...	...
...	16·458	+52·554	− 3	...	...
...	17·156	+ 1·906	0·95	...	...
...	17·297	+26·034	− 4	...	...
411					
*	+17·591	−39·289	1·60	46.9628	9·6
...	17·729	+14·724	− 5	...	...
...	17·931	+58·245	− 5	...	...
...	17·983	+22·508	− 4	...	...
...	18·150	−27·577	− 5	...	...
...	+18·414	− 9·969	1·05	46.9629	10·3
...	18·513	−53·602	− 2	...	...
...	18·562	+33·428	0·90	...	...
*	18·759	+34·982	1·10	45.9622	10·0
...	18·882	+ 1·290	− 5	...	...
421–480					
421					
*	+18·947	−57·804	1·50	47.9190	9·8
...	19·504	−14·336	− 4	...	...
...	19·579	− 9·907	0·90	...	...
...	19·679	+ 8·837	0·90	...	...
...	20·303	+45·699	− 4	...	...
...	+20·743	−56·582	− 5	...	...
...	21·236	− 9·993	− 5	...	...
...	21·384	− 1·416	0·70	46.9630	10·4
...	21·402	+11·832	− 5	...	...
...	21·512	+35·137	− 3	...	...
431					
...	+21·565	+58·482	− 4	...	...
...	21·730	−57·032	1·00	46.9631	10·0
*	21·885	−55·665	2·00	46.9632	9·0
...	22·012	+16·946	0·95	45.9623	10·4
...	22·202	+ 0·079	− 2	*f*	...
...	+22·211	−59·401	− 4	...	...
...	22·242	−14·376	− 5	...	...
...	22·671	− 6·488	− 5	...	...
...	22·955	+38·382	− 2	...	...
...	22·985	− 8·479	0·70	...	...
441					
†	+23·163	−39·730	− 3	...	...
...	23·369	− 2·048	− 3	...	...
*	23·524	−32·963	1·10	46.9633	9·8
...	23·886	−27·429	− 2	...	...
...	23·928	+ 4·381	0·90	...	...
...	+24·185	−17·595	− 2	...	...
†	25·746	−14·763	− 5	...	...
...	26·414	+29·008	− 2	...	...
...	26·440	+53·297	− 4	...	...
...	26·648	+37·032	− 4	...	...
451					
...	+26·687	−56·563	0·90	...	...
...	27·088	+34·146	− 2	...	...
...	27·459	−43·250	− 3	...	...
...	27·994	+ 4·343	0·65	...	...
*	27·995	+54·451	1·20	45.9625	9·6
...	+28·342	− 5·505	− 2	...	...
...	28·346	−13·473	− 2	...	...
...	28·452	+49·542	− 3	...	...
...	28·744	+52·593	− 3	...	...
...	30·104	+42·138	0·95	...	...
461					
...	+30·602	−58·090	− 4	...	...
...	31·410	+19·514	1·10	45.9626	10·2
*	31·468	−57·509	1·90	46.9634	9·4
*	31·756	−29·557	2·00	46.9635	9·2
...	31·943	−15·777	0·80	...	...
...	+32·097	+31·507	− 3	...	...
...	32·467	−45·620	− 4	...	...
...	32·478	+ 6·265	− 2	...	...
...	32·521	+55·766	− 4	...	...
...	32·948	+39·584	− 5	...	...
471					
...	+33·071	−12·980	− 4	...	...
...	33·083	− 0·954	− 4	...	...
S *	33·130	+ 8·812	2·35	45.9627	9·0
...	33·173	−30·097	− 5	...	...
...	33·399	+33·530	− 3	...	...
...	+33·465	−59·446	0·90	...	...
...	33·537	+42·021	− 3	...	...
...	33·744	−31·805	− 5	...	...
...	33·752	−52·921	1·15	...	...
...	33·764	+22·462	0·75	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
481–530					
481					
...	+33·840	+32·862	0·90	...	...
...	33·905	−24·904	− 2	...	...
...	33·967	+ 6·695	0·70	...	...
...	33·983	−17·340	− 4	...	...
...	34·227	+ 2·479	− 5	...	...
...	+34·375	− 9·616	0·85	...	...
...	34·627	−37·366	− 5	...	...
†	34·837	+17·443	− 4	...	...
...	35·280	−30·925	− 5	...	...
...	35·306	−44·879	0·70	...	...
491					
...	+35·312	−44·845	0·70	...	...
...	35·794	−46·605	− 3	...	...
*	35·831	−46·420	2·00	46.9636	9·3
...	36·186	−46·908	0·75	...	...
...	36·519	+12·880	0·90	...	...
...	+36·626	+ 3·119	− 5	...	...
*	36·729	−24·372	1·30	46.9637	9·9
†	37·292	+20·152	− 5	...	...
...	37·408	+27·814	− 4	...	...
...	37·442	−50·099	− 3	...	...
501					
...	+37·919	+ 6·868	− 5	...	...
...	38·138	+40·133	− 4	...	...
...	38·385	+54·416	− 5	...	...
...	38·991	−41·767	− 4	...	...
*	39·752	−14·058	1·40	46.9638	9·9
...	+39·805	+ 8·067	− 5	...	...
†	39·828	+28·390	− 4	...	...
†	39·876	−29·363	− 5	...	...
S ‡	39·913	+50·138	2·05	45.9628	8·9
...	39·995	+ 9·941	0·75	...	...
511					
...	+40·312	+23·279	1·00	45.9629	10·4
*	40·488	+32·858	1·00	45.9630	10·4
...	40·541	− 3·283	− 5	...	...
...	40·571	+44·144	− 5	...	...
...	40·619	−59·054	1·00	...	...
...	+40·963	−20·587	1·00	...	...
...	41·533	−32·359	− 4	...	...
...	41·683	−31·132	0·95	...	...
*	41·782	−13·705	1·70	46.9639	9·4
...	41·799	+24·167	− 4	...	...
521					
...	+42·239	−33·246	− 3	...	...
...	42·332	+23·468	1·00	45.9631	10·4
...	42·631	−42·076	1·00	46.9640	10·4
...	42·849	−38·142	1·00	46.9641	10·4
...	43·016	−47·220	− 5	...	...
‡	+43·017	+30·130	1·25	45.9632	9·8
...	43·222	−17·775	− 2	...	...
...	43·684	−51·609	− 2	...	...
...	44·277	−43·883	− 5	...	...
...	44·363	+ 4·470	− 2	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
531–580					
531	′	′		°	
...	+44·493	−46·964	− 5	...	...
...	44·550	−37·077	− 4	...	...
...	44·591	+14·677	− 5	...	...
...	44·761	+ 4·749	− 2	...	...
...	44·766	+58·096	− 4	...	...
*	+44·998	+19·986	1·00	45.9633	10·0
*	45·151	+17·638	1·15	45.9634	9·8
...	45·650	+10·348	− 4	...	...
...	45·678	−41·223	− 3	...	...
...	45·795	+16·165	− 3	...	...
541					
...	+45·984	+ 7·010	− 5	...	...
...	46·003	− 1·987	0·65	...	...
...	46·701	+28·609	1·00	45.9636	10·4
*	46·714	+52·337	2·90	45.9635	8·6
S *	47·708	−18·819	2·95	46.9642	8·8
...	+48·000	−55·246	− 4	...	...
S *	48·161	−51·149	2·00	46.9643	9·2
...	48·219	− 3·711	− 2	...	...
...	48·499	− 2·250	− 4	...	...
...	49·117	+18·812	0·85	...	...
551					
...	+49·204	−14·119	1·00	...	...
...	49·223	−25·801	− 5	...	...
...	49·479	+34·548	− 5	...	...
†	49·852	+ 9·435	0·65	...	...
...	49·942	−13·975	0·85	...	...
...	+49·946	−29·985	− 3	...	...
...	50·361	+33·512	0·65	...	...
...	50·547	−29·363	− 5	...	...
*	50·681	+31·837	2·00	45.9637	9·2
...	50·750	− 5·527	0·95	...	...
561					
...	+50·982	+16·198	0·75	...	...
...	51·041	+ 3·606	0·90	...	...
...	51·075	+44·284	1·05	45.9638	10·4
...	51·143	−32·701	− 1	...	...
...	51·385	+23·040	− 4	...	...
...	+51·729	+12·139	− 1	...	...
...	51·816	+ 2·584	− 2	...	...
*	51·880	−17·225	1·50	46.9644	9·7
...	51·909	−55·117	1·05	46.9645	10·4
...	52·020	−36·069	− 5	...	...
571					
...	+52·218	+11·976	− 5	...	...
...	52·260	+42·280	− 4	...	...
...	52·362	−27·738	− 5	...	...
...	52·396	−32·485	0·80	...	...
...	52·516	− 0·388	− 5	*m*	...
...	+53·128	+23·293	− 2	...	...
...	53·356	−11·277	− 5	...	...
...	53·554	−49·541	1·05	...	...
...	53·614	−36·274	− 5	...	...
...	53·686	+52·661	− 3	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
581–609					
581	′	′		°	
...	+54·315	−16·954	− 5	...	...
...	54·468	+ 2·119	− 2	...	...
...	54·568	−32·184	− 4	...	...
...	54·728	+45·756	0·80	...	...
*	55·425	−36·987	1·80	46.9646	9·4
*	+55·589	−19·114	1·80	46.9647	9·5
...	55·621	+26·850	− 5	...	...
...	55·663	−27·907	− 5	...	...
...	55·892	− 6·876	0·70	...	...
...	55·937	+32·288	− 2	...	...
591					
*	+55·951	−12·652	1·35	46.9648	9·6
...	56·053	+32·569	− 2	...	...
*	56·668	+17·700	2·00	45.9639	9·2
...	56·936	+27·540	− 5	...	...
S *	56·981	+33·413	3·00	45.9640	8·2
...	+57·025	− 6·919	0·70	...	...
...	57·111	+48·363	− 5	...	...
*	57·144	−19·672	1·05	46.9649	10·0
...	57·806	+21·010	1·05	45.9641	10·4
...	57·968	−17·637	− 5	...	...
601					
...	+58·198	−11·119	1·10	46.9650	10·2
*	58·912	+27·629	1·90	45.9642	9·4
...	59·151	+ 6·769	− 5	...	...
...	59·351	+56·829	− 1	...	...
...	59·426	−19·697	− 4	...	...
...	+59·475	+15·196	1·00	...	...
...	59·530	− 1·816	− 4	...	...
...	59·578	−10·978	0·75	...	...
†	59·717	+52·579	1·40	45.9643	10·2

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
1–60					
1				°	
...	−60′172	−38′417	− 4	46·9641	10·4
...	60·020	+ 4·220	− 5	...	...
...	59·851	+19·755	0·90	45·9633	10·0
...	59·627	+ 4·514	− 5	...	...
...	59·616	+17·413	0·90	45·9634	9·8
*	−59·154	+52·155	1·90	45·9635	8·6
...	58·435	+28·422	− 4	45·9636	10·4
...	58·156	− 2·178	− 5	...	...
S *	55·908	−18·951	1·90	46·9642	8·8
...	55·900	− 3·835	− 5	...	...
11					
...	−55·719	+18·707	− 5	...	...
...	54·932	+33·441	− 5	...	...
...	54·679	+ 9·368	− 5	...	...
...	54·581	−14·213	− 2	...	...
*	54·546	+31·791	1·20	45·9637	9·2
...	−54·539	+44·236	− 4	45·9638	10·4
S *	54·446	−51·259	1·35	46·9643	9·2
...	53·827	−14·038	− 3	...	...
...	53·744	+16·158	− 4	...	...
...	53·302	− 5·569	− 4	...	...
21					
...	−53·299	+ 3·575	− 3	...	...
...	52·882	+12·130	− 5	...	...
...	51·832	+23·327	− 5	...	...
*	51·798	−17·221	0·95	46·9644	9·7
...	50·944	+45·819	− 5	...	...
...	−50·798	−32·468	− 5	...	...
...	50·575	−55·090	− 5	46·9645	10·4
...	49·826	+ 2·197	− 5	...	...
...	49·103	−49·466	− 5	...	...
S *	48·298	+33·554	2·00	45·9640	8·2
31					
...	−48·118	− 6·731	− 5	...	...
*	48·106	+17·831	1·10	45·9639	9·2
*	48·034	−18·997	1·00	46·9647	9·5
*	47·869	−12·526	1·00	46·9648	9·6
*	47·620	−36·877	1·00	46·9646	9·4
...	−47·093	+21·192	− 2	45·9641	10·4
...	46·986	− 6·751	− 5	...	...
...	46·466	−19·508	0·85	46·9649	10·0
*	46·195	+27·832	1·00	45·9642	9·4
...	46·166	+52·791	− 3	45·9643	10·2
41					
...	−45·676	−10·922	− 4	46·9650	10·2
†	45·238	+15·419	− 3	...	...
...	44·473	+17·227	0·70	45·9644	10·2
...	44·317	−10·737	− 5	...	...
...	43·427	−11·094	− 5	...	...
...	−43·016	−39·409	− 5	...	...
...	42·630	−50·992	− 4	...	...
...	42·425	+39·734	− 5	...	...
...	42·327	−52·522	− 3	...	...
†	42·145	+15·133	0·70	45·9645	10·2
51					
...	−42·070	−17·017	− 5	...	...
...	41·409	+47·564	− 3	...	...
...	41·077	−39·793	− 2	46·9651	10·4
...	41·048	+18·996	− 3	...	...
...	40·904	+29·174	− 3	...	...
...	−39·959	+59·613	− 1	45·9646	10·2
...	39·307	+12·032	− 5	...	...
...	38·942	−55·252	− 5	...	...
...	38·676	+16·414	− 5	...	...
...	38·329	+48·930	− 5	...	...
61–120					
61					
...	−38′292	−29′887	− 4	...	...
...	37·834	− 4·362	0·70	46·9652	10·0
...	37·199	+41·058	− 5	...	...
*	37·100	−23·628	1·00	46·9653	9·8
...	36·670	−12·422	− 5	...	...
*	−36·535	−28·947	1·00	46·9654	9·6
...	35·695	− 4·417	− 5	...	...
†	35·281	+14·246	− 2	45·9647	10·2
...	35·176	−10·218	0·70	46·9655	9·9
...	34·662	−27·476	− 4	...	...
71					
...	−34·252	+ 8·738	− 5	...	...
...	33·709	−57·631	− 3	46·9656	10·4
...	33·654	+12·673	− 5	...	...
...	33·337	−36·677	− 5	...	...
...	32·413	−44·731	− 4	...	...
...	−32·357	+ 1·898	− 3	...	...
*	32·292	+24·380	1·25	45·9648	9·2
...	32·220	+52·359	− 1	45·9649	10·4
...	32·118	+41·420	− 5	...	...
...	31·093	−48·298	− 2	46·9657	10·0
81					
†	−31·035	− 4·824	− 4	...	...
...	30·632	+37·609	− 5	...	...
‡	30·320	−41·274	1·00	46·9658	9·7
...	30·041	−26·704	− 5	...	...
...	29·839	+14·346	− 5	...	...
*	−29·718	− 2·188	1·00	46·9659	9·6
...	29·306	+58·315	− 5	...	...
...	28·700	−23·200	− 5	...	...
...	28·485	+10·406	− 3	...	...
...	28·010	+48·277	− 4	...	...
91					
...	−27·578	− 8·987	− 5	...	...
S *	27·549	+38·142	3·80	45·9650	7·5
...	26·868	+41·768	− 5	...	...
...	26·631	+49·921	− 4	...	...
...	26·626	+ 6·512	− 5	...	...
*	−26·418	+20·752	0·95	45·9652	9·6
...	26·323	−50·025	− 5	...	...
*	26·190	+50·596	1·00	45·9653	9·4
...	26·088	−38·274	− 2	46·9660	10·4
...	25·241	+52·419	− 5	45·9654	10·4
101					
...	−24·709	−42·025	0·65	46·9661	10·4
*	24·139	+51·133	1·00	45·9655	9·7
...	22·034	+18·812	0·80	45·9656	10·2
...	22·019	−55·937	0·90	46·9662	9·9
...	21·718	−14·083	− 5	...	...
*	−21·359	+25·010	1·40	45·9657	8·6
...	20·536	− 8·517	− 4	...	...
...	20·436	− 5·679	− 5	...	...
...	19·637	+39·943	− 5	...	...
...	19·537	−21·087	− 5	...	...
111					
...	−19·304	−51·519	0·80	46·9663	10·2
...	19·245	−37·937	0·90	46·9664	10·3
...	19·031	−12·717	− 5	...	...
...	18·605	− 8·015	− 3	...	...
S *	18·326	−20·482	1·05	46·9665	9·4
...	−17·731	+32·780	0·85	45·9658	10·0
...	17·280	− 0·537	− 5	...	...
...	16·892	+40·396	− 5	...	...
...	16·008	+28·258	− 5	...	...
...	15·142	−14·170	− 5	...	...
121–180					
121					
*	−14′189	−29′194	0·90	46·9666	9·8
*	13·968	− 7·326	1·20	46·9667	9·6
...	13·359	− 0·807	0·80	46·9668	9·9
...	13·344	−39·205	− 3	...	...
...	13·314	−14·145	− 4	...	...
...	−12·877	−12·084	− 4	...	...
...	12·706	+32·611	− 3	45·9659	10·4
...	12·304	−13·419	− 4	...	...
...	12·258	+12·077	− 5	...	...
...	12·205	−53·492	− 4	...	...
131					
...	−11·444	+40·406	− 5	...	...
...	11·119	−14·952	− 4	...	...
...	10·978	+29·077	− 5	...	...
...	9·909	−47·933	0·65	46·9669	10·2
...	9·829	+57·357	− 2	...	...
S *	− 9·631	+21·567	4·00	45·9660	7·4
*	9·084	−25·483	1·05	46·9670	9·4
†	9·032	−44·710	− 4	...	...
...	8·671	−21·213	0·70	46·9671	10·0
...	8·438	−54·774	− 4	...	...
141					
...	− 7·907	−33·211	− 4	...	...
...	7·112	+ 5·294	− 5	...	...
*	6·541	− 3·185	1·00	46·9672	9·5
...	6·408	+12·377	0·80	45·9661	9·8
...	6·406	+12·482	− 3		
...	− 5·533	+22·698	− 5	...	...
...	5·261	+ 9·104	0·75	45·9662	10·2
...	5·073	+49·932	− 3	...	...
...	4·657	−16·569	− 4	...	...
...	4·654	+36·734	− 5	...	...
151					
...	− 4·256	−46·205	− 2	46·9673	10·4
...	4·200	+19·233	0·85	45·9663	10·0
*	3·919	− 4·185	1·20	46·9674	9·2
...	3·546	−57·313	− 4	...	...
†	3·412	+55·046	− 3	45·9664	10·4
...	− 3·357	−56·360	− 5	...	...
...	3·258	−39·806	− 4	...	...
...	2·748	− 7·900	0·70	46·9675	10·2
...	2·322	+23·868	− 5	...	...
...	2·170	+58·028	0·80	45·9665	9·8
161					
...	− 0·810	+ 3·420	0·85	45·9666	10·2
S *	− 0·256	−51·485	1·05	46·9676	9·2
...	+ 0·188	−54·288	0·80	46·9677	10·0
...	0·427	+37·050	− 5	...	...
...	0·501	−14·563	− 5	...	...
*	+ 1·166	+24·122	3·00	45·9667	7·4
...	2·040	+ 3·188	− 5	...	...
...	2·881	−26·788	− 4	46·9678	10·4
...	3·075	+29·868	− 5	...	...
*	3·196	+52·157	1·00	45·9668	9·6
171					
†	+ 4·524	−43·594	− 5	...	...
...	4·640	−48·578	− 5	...	...
...	4·809	−11·863	− 5	...	...
...	5·239	+27·637	− 5	...	...
...	5·512	−15·021	− 3	46·9679	10·2
*	+ 5·543	+37·530	0·90	45·9669	9·7
...	6·214	−45·983	− 5	...	...
*	6·266	+ 2·712	1·00	45·9670	9·8
...	6·704	−25·551	− 5	...	...
*	6·822	+ 1·411	1·00	46·9680	9·9

L measured from 1, 83, 162, 246.
ES ,, ,, 42, 120, 207, 284.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
181–230					
181					
S *	+ 7′·623	+11′·873	1·80	45.9671	8·3
...	8·313	−53·762	− 5	...	...
*	8·453	−32·476	1·30	46.9681	9·0
...	8·487	+32·244	− 3	45.9672	10·4
...	8·935	+57·649	− 5	...	...
...	+ 9·096	+23·096	− 4	...	...
...	9·301	+51·824	− 5	...	...
...	9·825	+17·909	− 3	...	...
...	10·327	+28·868	− 5	...	...
...	10·409	+10·510	− 5	...	...
191					
...	+10·434	−27·255	− 3	46.9682	10·4
...	10·638	−27·060	− 3		
...	11·614	+30·876	− 3	...	...
...	11·621	−41·737	− 4	...	...
...	11·859	+19·651	− 4	...	...
...	+12·333	−47·255	− 5	...	...
...	12·873	−16·476	− 4	...	...
...	12·970	+34·138	− 3	...	...
*	12·983	+18·707	0·95	45.9673	9·8
...	13·082	+29·116	0·90	45.9674	10·0
201					
...	+13·434	−35·454	− 5	...	...
...	13·734	+19·834	− 5	...	...
...	13·899	−32·006	− 5	...	...
*	13·988	+27·590	1·00	45.9675	9·7
...	14·030	+29·752	− 4	...	...
*	+14·366	+22·461	1·00	45.9676	9·4
*	14·607	−48·051	0·85	46.9683	9·9
*	14·813	+47·865	0·90	45.9677	9·7
...	15·105	+ 2·498	− 4	...	...
...	15·362	−32·118	− 5	...	...
211					
...	+15·844	+ 4·102	− 4	...	...
...	16·156	−54·037	0·70	46.9684	10·4
...	16·186	−46·553	− 5	...	...
...	17·166	−20·180	0·80	46.9685	10·0
...	17·432	−31·974	− 3	...	...
...	+17·958	−13·806	0·70	46.9686	9·9
...	17·962	−27·565	− 2	...	...
S *	18·948	−12·361	2·50	46.9687	7·8
...	19·057	−36·442	0·85	46.9688	10·0
†	19·563	−56·513	− 5	...	...
221					
...	+19·814	−39·236	− 5	...	...
...	19·917	+43·393	− 5	...	...
...	20·261	−46·193	− 5	...	...
...	20·412	+ 7·715	0·70	45.9679	10·3
...	20·726	− 4·675	− 5	...	...
*	+21·425	+ 3·219	1·15	45.9680	9·7
*	21·430	−17·831	1·05	46.9689	9·8
...	22·068	+23·749	− 5	...	...
...	22·178	+28·806	− 4	...	...
...	22·291	+33·944	0·70	...	...
231–280					
231					
...	+22′·354	+30′·244	− 3	...	...
†	24·535	+56·581	0·70	45.9681	10·1
...	24·668	−33·565	0·75	46.9690	10·1
...	24·835	+43·112	− 4	...	...
...	24·837	− 0·528	− 5	...	...
*	+25·591	+53·289	1·15	45.9682	9·8
...	25·757	+10·626	0·85	45.9683	9·9
...	26·050	+47·021	− 5	...	...
...	26·445	−21·377	− 4	...	...
...	26·532	+38·103	0·80	45.9684	10·1
241					
...	+27·495	−39·181	− 5	...	...
...	27·761	−50·617	− 4	...	...
...	28·088	−34·577	− 4	...	...
...	28·143	− 6·702	− 5	...	...
...	28·214	−38·852	− 2	...	...
...	+30·104	−59·346	− 5	...	...
...	30·608	+ 7·098	0·65	...	...
*	30·636	− 1·404	1·10	46.9691	9·0
*	30·954	− 2·420	1·10	46.9692	9·2
...	31·100	+51·848	− 4	...	...
251					
*	+31·273	+54·899	1·05	45.9685	9·8
...	31·483	+38·405	− 5	...	...
...	31·491	+44·408	− 3	...	...
...	31·517	−52·123	0·80	...	...
...	31·587	+15·663	− 2	...	...
...	+32·103	+35·858	− 5	...	...
...	33·218	−40·878	0·70	...	...
...	33·438	+20·919	0·70	45.9687	10·1
*	33·728	+56·794	1·00	45.9686	9·9
...	34·016	+13·422	− 5	...	...
261					
...	+34·670	+19·950	0·80	45.9688	10·1
...	35·532	−48·313	− 5	...	...
*	35·925	+ 9·479	1·00	45.9689	9·6
...	36·162	−29·543	− 5	...	...
...	37·145	− 6·726	0·90	46.9693	9·7
...	+37·341	+43·712	− 5	*a*	...
...	37·573	−29·976	0·80	...	...
...	37·781	+31·546	− 4	...	...
...	38·132	−13·108	− 5	...	...
...	38·377	−40·098	− 5	...	...
271					
...	+38·456	+29·200	− 3	...	...
...	39·136	−45·967	− 5	...	...
S *	39·345	+26·313	2·50	45.9690	8·0
†	39·484	−42·097	− 4	...	...
...	39·787	+23·926	− 5	...	...
...	+39·946	+14·850	0·85	45.9691	10·1
...	40·367	−23·619	− 4	...	...
...	40·380	−15·881	0·85	46.9694	10·1
...	41·437	−27·359	− 2	...	...
...	41·764	+37·203	− 5	...	...
281–309					
281					
...	+42′·246	+42′·780	0·65	...	...
...	42·330	−18·032	− 2	...	...
...	43·812	− 2·476	− 5	...	...
...	44·851	+ 3·894	0·80	45.9692	10·0
...	46·656	−34·384	0·90	46.9695	10·0
...	+46·741	+54·835	0·85	45.9693	10·0
...	46·747	−47·346	− 4	...	...
S *	47·655	−57·408	1·10	46.9696	9·4
†	48·019	+30·111	− 4	...	...
...	48·334	−21·341	− 2	...	...
291					
...	+49·195	−34·814	− 3	...	...
...	49·683	+25·779	− 3	...	...
*	49·761	+26·015	1·10	45.9695	9·4
...	49·786	+49·579	0·80	45.9694	10·1
...	49·911	+ 0·864	− 4	...	...
S *	+51·561	+10·517	1·30	45.9696	9·0
...	52·935	−11·123	− 2	...	...
...	53·609	+52·063	0·80	45.9697	10·1
...	53·923	+18·897	− 5	...	...
...	54·055	− 5·642	− 2	...	...
301					
...	+54·616	+24·368	− 5	...	...
...	55·439	− 2·246	− 5	...	...
...	55·515	−20·850	− 3	...	...
...	55·827	+ 6·408	− 5	...	...
*	57·180	+19·862	1·05	45.9699	9·9
*	+57·481	+41·999	1·10	45.9698	9·6
...	57·759	−36·794	− 2	...	...
...	59·092	−32·473	− 5	...	...
S *	59·095	−25·210	2·00	46.9697	7·9

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
1–60					
I					
*	−59′478	+ 3′666	0·90	45°9692	10·0
...	59·195	+54·648	0·75	45.9693	10·0
...	57·152	+29·975	− 4	...	...
*	56·481	−34·537	1·00	46.9695	10·0
...	55·978	+49·474	− 1	45.9694	10·1
...	−55·976	−47·494	− 4	...	...
...	55·341	+25·691	− 4	...	...
*	55·271	+25·926	1·05	45.9695	9·4
...	55·216	−21·439	0·70	...	...
S *	54·762	−57·541	1·25	46.9696	9·4
II					
...	−54·328	+ 0·796	− 4	...	...
...	53·930	−34·887	− 3	...	...
S *	52·989	+10·497	1·10	45.9696	9·0
...	52·911	+56·555	− 5	...	...
...	52·360	− 9·426	− 5	...	...
...	−52·256	+52·079	− 1	45.9697	10·1
...	51·310	−21·780	− 5	...	...
...	51·172	−27·312	− 5	...	...
...	50·934	−11·097	0·70	...	...
...	50·901	+18·943	− 4	...	...
21					
...	−50·364	+24·435	− 5	...	...
...	49·993	− 5·588	− 5	...	...
...	48·721	− 2·145	− 4	...	...
...	48·603	+ 6·514	− 5	...	...
*	48·067	+42·142	1·05	45.9698	9·6
...	−48·054	−20·736	0·65	...	...
‡	47·670	+20·002	1·00	45.9699	9·9
...	47·148	−12·790	− 5	...	...
...	45·835	− 2·414	− 4	...	...
...	45·315	−36·591	0·70	...	...
31					
...	−44·673	−49·341	− 5	...	...
S *	44·345	−24·979	2·00	46.9697	7·9
...	44·115	−32·235	− 4	...	...
...	44·027	+ 4·926	− 5	...	...
...	43·855	+13·669	− 5	...	...
*	−43·854	+50·130	1·10	45.9700	9·4
...	43·665	+36·933	− 2	...	...
...	42·744	+43·502	− 5	...	...
*	41·362	+50·733	1·00	45.9702	9·7
...	40·916	−17·756	0·80	46.9698	10·1
41					
S *	−40·525	+46·406	1·25	45.9703	8·8
...	39·877	− 0·439	− 3	...	...
‡	39·810	− 9·915	1·50	46.9699	8·5
...	39·368	+ 5·226	− 4	...	...
...	39·262	+18·685	− 3	...	...
...	−38·631	+32·134	− 4	...	...
...	37·818	−34·896	− 3	...	...
...	37·064	+19·414	− 5	...	...
*	37·013	+44·705	1·25	45.9704	9·2
...	36·939	−55·056	− 3	...	...
51					
†	−35·058	+30·207	− 4	...	...
...	34·719	− 1·226	− 4	...	...
*	34·698	+32·470	1·00	45.9705	9·6
...	34·419	−21·874	− 3	...	...
...	34·415	−11·446	− 3	...	...
...	−34·311	+30·829	− 3	...	...
...	34·271	+35·729	− 4	...	...
*	34·066	− 8·514	1·10	46.9701	9·4
*	34·060	− 8·216	2·00	46.9700	8·2
*	33·733	+52·168	1·35	45.9706	9·4
61–120					
61					
...	−32′086	+34′305	0·75	45°9707	10·0
...	32·029	+34·070	− 5	...	...
...	31·705	−28·167	− 5	...	...
...	30·891	−59·517	− 3	...	...
...	30·847	−23·665	− 4	...	...
...	−29·678	−47·489	− 5	...	...
...	29·096	+ 0·640	− 3	...	...
*	29·094	− 2·747	1·05	46.9703	9·4
...	29·066	+30·203	− 4	...	...
*	28·917	−35·536	1·30	46.9702	9·0
71					
...	−28·505	+ 3·449	− 4	...	...
*	28·336	−37·055	1·05	46.9704	9·0
S *	28·255	− 7·077	1·50	46.9706	8·6
*	28·223	− 3·881	0·90	46.9705	10·0
...	28·127	− 3·369	− 5	...	...
...	−27·649	+14·319	− 5	...	...
...	27·438	+50·624	− 4	...	...
...	27·217	+ 0·935	− 4	...	...
...	25·891	− 6·606	− 5	...	...
...	24·911	+ 7·532	− 5	...	...
81					
...	−23·933	+ 3·850	− 4	...	...
...	23·786	−25·473	− 5	...	...
...	23·345	+22·333	− 4	...	...
...	23·150	− 1·958	− 5	...	...
...	22·913	+36·849	− 2	...	...
...	−22·776	+34·762	0·65	...	...
...	22·571	+49·127	− 4	...	...
...	21·910	−42·537	− 4	...	...
...	21·856	− 3·889	− 4	...	...
...	21·458	+ 7·978	− 3	...	...
91					
...	−20·845	−46·245	− 5	...	...
*	20·815	+44·785	1·25	45.9708	9·4
...	20·761	−30·913	− 3	...	...
...	20·066	−57·099	− 5	...	...
...	19·999	− 6·447	− 5	...	...
...	−19·901	+34·420	− 4	...	...
...	19·820	−19·211	− 5	...	...
...	19·424	−28·441	− 5	...	...
*	19·302	+47·558	1·80	45.9710	8·2
*	19·245	+11·150	1·00	45.9709	9·6
101					
*	−18·812	+37·870	1·05	45.9711	9·6
...	18·640	−46·160	0·85	...	...
...	17·572	−33·561	− 3	...	...
...	17·408	+23·265	− 2	...	...
*	17·285	+50·508	1·00	45.9712	9·4
...	−16·867	−49·937	0·90	46.9707	10·1
*	16·643	−48·739	1·40	46.9708	8·5
‡	16·154	+14·983	0·85	45.9713	9·7
...	16·041	−12·311	− 2	...	...
...	15·751	+ 9·190	− 4	...	...
111					
...	−15·321	+29·051	− 4	...	...
...	14·896	+31·016	− 5	...	...
...	14·710	+26·264	0·85	45.9714	10·1
...	14·266	−49·606	− 4	...	...
...	13·378	+29·507	− 2	...	...
...	−13·275	−29·269	− 5	...	...
...	13·221	−48·075	− 4	...	...
...	12·838	−45·687	− 4	...	...
...	12·642	+36·273	− 5	...	...
...	12·562	−55·445	− 5	...	...
121–180					
121					
...	−12′166	−24′503	− 5	...	...
*	12·155	+ 8·712	1·00	45.9715	9·2
...	12·030	+21·137	− 3	...	...
...	10·438	−44·193	− 5	...	...
...	9·551	−47·876	0·65	...	...
...	− 9·110	−15·763	− 4	...	...
...	8·749	−56·605	− 5	...	...
...	8·541	−24·681	− 4	...	...
*	8·446	+ 2·698	1·05	46.9709	9·6
...	6·551	+18·496	− 5	...	...
131					
SN*	− 6·551	−46·567	2·25	46.9710	7·7
S *	5·327	+16·125	1·05	45.9716	9·0
...	4·926	−28·301	− 5	*m*	...
...	4·376	+34·005	− 5	...	...
...	2·805	+24·491	− 5	M	...
...	− 2·017	−36·424	− 4	...	...
*	1·685	−59·334	1·25	47.9271	9·0
...	0·968	−31·625	− 5	*m*	...
...	− 0·610	+28·044	− 5	...	...
*	+ 0·157	+34·872	1·20	45.9717	9·0
141					
S *	+ 1·024	+45·672	1·30	45.9718	8·7
...	1·364	−26·362	− 3	...	...
...	1·406	+ 4·563	− 4	...	...
...	1·942	−16·318	− 5	*m*	...
...	2·033	+18·983	− 5	...	...
...	+ 2·706	+34·473	− 3	...	...
...	3·034	−25·069	− 5	*m*	...
...	3·281	−53·119	− 3	...	...
...	3·285	+45·993	− 4	...	...
*	3·492	+ 5·364	1·10	45.9719	9·4
151					
...	+ 3·654	−54·463	− 5	*m*	...
...	3·806	+26·168	− 5	...	...
...	4·255	+ 0·282	− 5	F *m*	...
...	5·609	−24·324	− 4	*m*	...
...	6·736	+53·189	− 5	...	...
*	+ 7·758	+25·482	1·15	45.9720	9·4
...	7·919	−47·667	− 5	*m*	...
...	8·307	−13·108	0·70	46.9711	9·9
...	8·496	+ 9·972	− 3	...	...
...	8·937	−29·244	− 5	...	...
161					
...	+ 9·073	+48·919	− 3	...	...
...	9·100	−23·163	− 5	*b*	...
...	9·272	+12·665	− 5	...	...
...	9·397	+40·647	− 3	...	...
...	9·490	+35·633	− 3	...	...
...	+ 9·969	−21·523	− 4	...	...
...	10·002	− 8·964	− 4	...	...
...	10·150	+23·222	− 5	...	...
...	10·341	−35·856	− 3	...	...
‡	10·376	+54·959	1·00	45.9721	9·8
171					
...	+10·389	− 9·586	− 1	...	...
...	11·039	+49·077	0·90	45.9722	10·1
S *	11·534	−40·531	1·90	46.9712	8·0
...	11·987	−53·530	− 3	...	...
...	12·458	+55·391	− 3	...	...
...	+12·586	+37·290	− 4	...	...
...	14·197	+22·210	− 5	...	...
...	14·960	−57·151	− 5	...	...
...	15·391	− 1·225	0·90	46.9713	10·0
...	15·448	−49·100	− 3	...	...

L measured from 1, 94, 197.
ES ,, ,, 42, 140, 252.

131. Remeasure 1915, $x = 6'·565$.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
181–220					
181					
...	+15′461	+21′765	0·70	45.9723	10·0
...	15·697	−11·542	− 3	...	...
...	15·799	+40·032	− 4	...	...
N [	16·358	−20·123	− 3	...	...
N [	16·407	−20·123	− 4	...	...
...	+17·147	− 3·200	− 2	46.9714	10·1
*	17·231	+ 4·958	1·00	45.9724	9·7
*	17·352	+42·263	1·00	45.9725	9·8
...	17·395	+43·964	− 5	...	...
...	17·467	−52·569	− 5	...	...
191					
...	+17·748	+48·339	− 5	...	...
...	18·134	+30·863	− 2	...	...
...	18·152	−44·963	− 3	...	...
...	18·232	+12·371	− 5	...	...
...	18·491	−23·442	− 3	46.9715	10·1
*	+19·575	−40·509	1·10	46.9716	9·4
...	19·798	+ 3·802	0·85	45.9726	9·9
...	19·908	+10·168	− 5	...	...
...	20·729	+50·738	− 4	...	...
...	21·057	−17·569	− 3	...	...
201					
...	+21·062	+46·697	− 5	...	...
...	21·634	−47·671	0·75	46.9717	10·0
...	22·481	+30·314	0·65	...	...
...	22·561	+27·855	− 4	...	...
*	23·158	−15·051	0·95	46.9718	9·7
...	+23·362	+51·997	− 4	...	...
...	23·809	+34·582	− 5	...	...
...	24·313	+30·149	− 3	...	...
...	24·337	+20·131	− 1	45.9727	10·0
...	24·413	+32·126	− 4	...	...
211					
...	+24·567	+27·534	− 4	...	...
...	24·820	−12·323	− 5	*b*	...
...	25·309	−38·548	− 3	...	...
...	25·412	+ 7·486	− 1	...	...
...	25·617	+ 1·611	− 5	...	...
...	+25·657	−10·287	− 4	...	...
...	25·677	+20·304	0·70	45.9728	10·1
...	25·988	−48·273	− 5	...	...
*	26·784	+ 5·951	1·00	45.9730	9·6
...	26·900	+21·432	− 2	45.9729	10·1

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No	C.P.D. Mag.
221–260					
221					
...	+26′900	−58′716	− 4	...	...
...	27·565	+ 9·667	− 5	...	...
*	28·129	+18·207	1·00	45.9731	9·9
*	28·405	−22·028	1·00	46.9719	9·7
†	29·606	+23·993	− 5	...	...
...	+30·216	+28·187	− 2	...	...
...	30·655	− 1·510	− 5	*b*	...
...	30·964	+35·800	− 4	...	...
...	31·010	+58·334	− 5	...	...
*	31·199	+49·058	1·05	45.9732	9·6
231					
...	+31·219	−35·472	− 3	...	...
...	31·384	−21·357	− 5	*b*	...
...	32·157	+33·130	− 4	...	...
*	32·238	−29·151	0·95	46.9720	10·1
...	32·743	+26·668	− 5	...	...
...	+32·902	−52·934	− 5	...	...
...	33·354	+17·419	0·70	...	...
...	33·451	−52·795	− 4	...	...
*	33·704	+ 0·937	1·10	46.9721	9·4
...	33·918	+20·922	− 5	...	...
241					
...	+35·066	+26·245	0·70	...	...
...	35·136	+43·172	0·70	45.9733	10·0
...	35·147	−14·603	0·70	...	...
...	35·519	+ 9·370	0·70	...	...
...	36·645	+ 0·167	− 4	...	...
†	+36·687	−54·761	− 4	...	...
...	37·228	+19·229	− 5	*a*	...
...	37·273	− 8·633	0·80	46.9722	10·0
...	37·517	+ 3·121	− 5	...	...
...	37·581	+33·271	− 5	...	...
251					
...	+38·845	−45·874	− 5	...	...
...	40·772	− 0·912	− 5	*b*	...
...	41·780	− 9·777	− 5	*a*	...
S *	42·098	−29·121	2·70	46.9723	7·6
...	42·112	−15·719	− 4	...	...
...	+42·172	+ 9·116	− 5	...	...
...	42·442	−34·566	− 3	...	...
...	42·500	+ 9·439	− 5	...	...
...	43·819	+ 2·528	− 3	...	...
...	43·864	+ 3·423	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −5.	C.P.D. No.	C.P.D. Mag.
261–296					
261					
...	+43′875	−14′451	− 5	*a*	...
...	44·068	+45·635	0·85	45.9735	10·0
...	44·128	− 5·709	− 3	...	...
*	45·425	−19·082	1·30	46.9724	9·0
...	45·704	+25·903	− 4	...	...
...	+45·862	+ 6·552	− 5	...	...
...	45·972	−22·132	0·70	46.9725	10·0
...	46·531	+18·444	− 3	...	...
...	47·406	−47·944	− 5	*e*	...
...	47·483	−21·568	0·70	46.9726	10·1
271					
...	+47·821	−33·378	− 5	...	...
...	48·401	+24·766	0·70	45.9736	10·1
...	48·564	+27·648	− 3	...	...
...	49·899	+12·105	− 4	...	...
...	49·940	−45·189	0·90	46.9727	9·8
...	+50·845	−16·757	− 2	...	...
...	51·027	+38·887	− 5	...	...
...	51·158	−42·817	− 4	...	...
...	51·361	−10·522	− 4	*e*	...
...	51·424	− 7·431	− 5	*e*	...
281					
...	+51·809	−45·869	− 5	*e*	...
...	51·981	+49·086	0·65	...	...
...	52·957	−39·127	− 5	...	...
...	53·013	−21·986	0·85	46.9728	10·0
...	53·663	−18·723	− 4	...	...
...	+53·919	+56·203	0·80	45.9737	10·1
S ‡	54·019	+24·864	2·00	45.9738	8·0
...	55·591	+14·138	− 5	...	...
...	56·529	−25·016	− 5	...	...
S *	56·753	−59·572	2·55	47.9297	7·8
291					
...	+57·043	+18·308	− 5	...	...
...	57·120	−22·150	− 5	*e*	...
...	57·231	+38·396	− 3	...	...
†	57·530	−29·902	0·80	46.9729	10·0
...	57·983	−16·678	− 2	...	...
...	+58·372	− 7·379	− 2	...	...

184, 185. 47°·117, mass.

−46° No. 118 D,−1 1902·68 19h 30m

I					
1–10					
...	−59′368	+25′704	0·75	...	...
...	59·155	+50·331	− 4	...	...
...	59·008	+18·095	− 4	M	...
...	58·592	+ 6·364	− 2	...	...
...	58·297	+18·276	0·90	...	...
*	−58·225	−19·279	1·35	46.9724	9·0
*	57·563	−22·311	1·00	46.9725	10·0
...	57·265	+28·778	− 4	M	...
*	56·620	+24·646	1·00	45.9736	10·1
...	56·612	+31·771	− 4	M	...

II					
11–20					
...	−56′550	+27′533	0·80	...	...
*	56·069	−21·689	1·00	46.9726	10·1
...	55·569	+47·581	− 4	M	...
...	55·537	−19·835	− 5	M	...
...	55·369	−33·492	− 4	...	...
...	−55·328	+52·852	− 4	...	...
...	55·318	−48·069	− 5	E	...
†	54·724	+12·046	0·70	...	...
...	54·451	+38·850	− 3	...	...
...	54·235	−49·958	− 5	M	...

21					
21–30					
...	−53′903	+35′379	− 5	M	...
...	53·822	+49·058	1·00	...	...
*	52·877	−45·225	1·10	46.9727	9·8
...	52·872	−16·782	0·90	...	...
...	52·591	− 7·435	0·65	E	...
...	−52·567	+58·392	− 4	...	...
...	52·549	−10·524	0·70	E	...
...	52·103	+56·252	1·00	45.9737	10·1
...	51·728	−42·828	− 2	...	...
...	51·049	−19·558	− 5	M	...

L measured from 1, 87, 281, 384, 459.
C ,, ,, 37, 228, 345, 420, 502.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
31–90					
31					
...	−50·995	−45·872	−4	E	...
S *	50·984	+24·931	2·60	45.9738	8·0
*	50·534	−21·947	1·00	46.9728	10·0
...	50·050	−39·076	−3	...	...
...	49·995	−18·665	0·70	...	...
...	−49·958	+42·474	−4	M	...
...	49·219	−41·857	−4	M	...
...	49·118	+14·266	−1	...	...
...	48·817	−9·035	−3	M	...
...	48·395	−0·792	−4	M	...
41					
...	−48·229	+38·556	0·90	...	...
...	48·161	−21·915	−4	M	...
...	47·795	+18·465	0·70	...	...
...	47·627	+52·332	−4	M	...
...	47·542	+57·963	−5	M	...
...	−47·506	−20·678	−4	M	...
...	47·167	+45·370	−4	M	...
...	47·155	−7·139	−4	M	...
...	46·945	−6·139	−3	M	...
...	46·930	−24·847	0·70	...	...
51					
...	−46·423	−21·971	−1	E	...
...	46·225	−6·336	−5	M	...
...	46·085	−14·230	−4	M	...
...	46·075	+22·439	−3	M	...
...	45·780	−29·602	−4	M	...
‡	−45·771	−29·702	1·00	46.9729	10·0
*	45·742	−16·466	1·00	...	...
...	45·643	−7·176	0·95	...	...
S *	45·596	−59·402	2·30	47.9297	7·8
...	45·259	−9·296	−4	M	...
61					
†	−45·219	−49·676	−5	M	...
...	44·840	+19·542	−1	...	...
...	44·833	+28·306	0·70	...	...
...	44·155	+57·333	−5	M	...
...	44·049	−12·013	−4	M	...
...	−43·688	+22·638	−3	M	...
...	43·550	−0·563	−4	M	...
*	43·547	+56·725	1·30	45.9739	9·8
...	42·996	+18·543	−2	...	...
...	42·942	−38·659	−4	M	...
71					
...	−42·895	−34·593	0·90	...	...
...	42·740	+51·587	−5	M	...
...	42·482	+28·109	−5	M	...
...	42·315	−35·458	−4	M	...
...	42·191	−18·351	−4	M	...
...	−42·164	+10·728	−3	M	...
*	41·980	+6·665	1·00	...	...
...	41·770	+21·542	0·70	...	...
...	41·509	−56·332	−5	M	...
...	41·117	+25·506	−2	A	...
81					
...	−41·113	−24·883	−4	M	...
...	40·785	−37·181	0·80	...	...
...	40·738	+58·438	−5	M	...
...	40·726	+7·202	−1	...	...
S *	40·460	+30·737	4·80	45.9740	6·4
...	−40·143	+13·931	−4	M	...
†	39·751	−19·279	0·65	B	...
*	39·370	+12·482	1·25	45.9741	9·6
*	38·910	−43·230	1·00	...	...
...	38·799	+53·685	−1	...	...
91–150					
91					
...	−38·517	−39·540	−5	M	...
N * [	38·497	−6·567	1·00	46.9730	9·4
N [	38·472	−6·502	0·85		
...	38·438	−35·265	−2	A	...
...	38·275	−40·980	0·75	...	...
...	−38·238	+55·844	−5	M	...
*	37·962	+48·775	1·00	45.9742	10·0
...	37·933	+16·191	−5	M	...
...	37·620	−59·409	−5	M	...
...	37·433	−35·257	−5	M	...
101					
...	−37·371	−42·328	−5	M	...
...	37·206	+39·687	−3	...	...
...	37·068	+50·251	−3	...	...
...	37·019	−52·169	−5	M	...
...	36·589	−12·597	−5	M	...
...	−36·344	+21·359	0·70	...	...
...	36·083	−30·097	−5	M	...
...	36·081	+19·438	−5	M	...
...	36·009	−2·099	0·65	B	...
*	35·989	+43·124	1·00	45.9743	9·9
111					
...	−35·953	−20·145	−5	M	...
...	35·776	+38·494	−2	...	...
...	35·678	−24·261	0·75	...	...
...	35·231	−25·101	−4	M	...
...	34·711	−6·354	0·70	...	...
...	−34·662	−51·429	−4	M	...
...	34·572	+45·715	−5	M	...
*	34·490	−32·071	1·00	46.9731	10·0
...	33·700	−17·792	−5	M	...
...	33·636	+22·691	−5	M	...
121					
...	−33·203	+33 754	−5	M	...
...	33·135	+4·733	−5	M	...
...	33·090	−26·350	0·70	...	...
...	32·857	−38·813	−5	M	...
...	32·845	−45·540	−4	M	...
...	−32·192	−53·355	−5	M	...
†	32·077	−29·756	−2	A	...
...	31·817	+44·756	0·70	...	...
...	31·749	+40·747	0·95	...	...
...	31·629	−21·874	0·65	...	...
131					
...	−31·590	+48·502	0·80	...	...
...	31·427	+47·634	0·90	...	...
...	31·401	−47·758	0·85	...	...
...	31·348	−35·988	−5	M	...
*	31·086	−53·810	1·25	46.9732	9·6
...	−30·880	+51·927	0·95	...	...
*	30·826	−57·532	1·20	47.9305	9·7
...	30·820	+36·213	0·80	...	...
...	30·754	−22·233	−2	B	...
...	30·652	−35·740	0·80	...	...
141					
...	−30·177	−44·845	−2	...	...
†	29·807	−52·836	−4	...	...
...	29·521	−21·018	0·75	...	...
...	29·117	+18·307	0·75	...	...
*	28·951	+47·300	0·95	45.9744	10·1
...	−28·586	+16·884	−5	...	...
*	28·476	+49·322	1·00	45.9745	10·0
...	28·334	−10·980	−2	D	...
...	28·263	−31·554	0·65	...	...
...	28·009	+23·803	0·75	...	...
151–210					
151					
*	−27·896	−29·094	1·00	46.9733	10·1
...	26·783	+44·528	−2	...	...
*	26·402	−34·464	1·00	46.9734	9·7
...	25·463	−7·090	−2	B	...
...	25·365	+50·730	−5	...	...
...	−25·004	+19·790	−4	...	...
‡	24·768	+41·040	1·00	45.9746	9·9
...	24·619	−1·220	0·90	...	...
...	24·560	−4·872	0·70	...	...
...	24·424	−19·610	−5	M	...
161					
...	−24·348	−57·433	−4	...	...
†	24·266	+50·034	−4	...	...
*	24·059	−15·200	1·05	46.9735	9·8
...	23·815	+15·026	−5	M	...
...	23·779	+46·440	−5	M	...
*	−23·581	−45·577	1·15	46.9736	9·9
...	23·473	+42·403	0·85	...	...
...	23·214	−3·781	−5	M	...
...	23·123	−21·713	−2	A	...
...	22·903	+37·329	−4	M	...
171					
S *	−22·901	−33·952	1·60	46.9738	8·6
*	22·771	−51·046	0·95	46.9737	10·1
...	22·699	−36·113	−5	M	...
...	22·504	+47·073	−5	M	...
...	22·145	+42·062	−5	M	...
...	−22·021	+24·458	−4	M	...
...	21·964	−31·410	−3	...	...
...	21·481	−43·690	0·90	...	...
...	21·459	−20·673	−2	A	...
...	21·311	−5·726	−5	M	...
181					
...	−21·053	−30·695	−5	M	...
...	20·787	−9·271	0·90	...	...
...	20·749	+46·360	−3	M	...
...	20·450	−48·729	−5	M	...
...	20·189	−33·328	−5	M	...
...	−19·670	+29·319	−4	...	...
...	19·546	+10·235	−3	...	...
...	19·132	−24·527	−5	D	...
‡	19·053	−44·707	1·00	46.9739	9·9
†	18·957	+55·095	0·90	...	...
191					
...	−18·756	−24·569	−2	...	...
†	18·745	+0·119	0·95	F	...
*	18·689	−25·524	1·00	46.9740	9·9
S *	18·625	+16·965	2·00	45.9747	8·8
*	18·212	−49·998	1·00	46.9741	9·8
†	−17·945	+15·099	−3	...	...
†	17·549	+30·079	0·70	...	...
...	17·481	+6·516	−5	M	...
...	17·233	−10·735	−5	M	...
...	17·213	+50·756	−3	...	...
201					
...	−17·118	+44·366	−5	M	...
...	16·923	−21·477	0·90	...	...
...	16·693	+9·943	0·90	...	...
...	16·371	+43·694	−4	M	...
...	16·322	−56·005	−4	M	...
*	−16·256	+33·249	0·95	45.9748	10·1
...	16·103	+43·167	−4	M	...
...	15·302	+5·349	0·80	...	...
...	15·156	+30·985	−3	...	...
S ‡	14·842	+38·048	1·60	45.9749	8·8

92, 93. 47°·117, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
211–270					
211					
...	−14·662	+53·421	− 1	...	...
...	14·411	+48·729	0·85	...	...
*	14·164	−31·581	2·00	46.9742	8·8
*	13·945	+39·709	1·00	45.9750	10·1
...	13·767	+58·392	− 5	M	...
...	−13·657	+52·187	− 1	...	...
...	13·395	−25·345	− 5	M	...
...	13·340	+23·405	0·70	...	...
...	13·293	−56·083	− 4	...	...
...	12·036	−26·548	− 2	A	...
221					
...	−11·836	+16·158	− 3	...	...
...	11·719	+42·560	− 4	...	...
S *	11·596	−22·181	3·00	46.9743	8·0
...	11·344	+44·487	− 5	M	...
*	10·733	−26·451	1·15	46.9744	9·4
...	−10·057	+31·675	− 5	...	...
†	9·928	+ 2·024	− 2	...	...
...	9·782	−22·733	− 2	...	...
...	9·541	+27·122	0·85	...	...
...	9·249	+10·398	0·80	...	...
231					
...	− 9·153	+49·982	− 3	...	...
*	9·084	+30·536	1·10	45.9751	9·9
...	8·787	−13·991	0·95	46.9745	10·1
...	8·615	− 4·341	− 4	M	...
...	8·518	− 6·909	− 5	M	...
...	− 8·365	+30·450	0·70	...	...
...	7·912	+59·889	− 3	...	...
...	7·821	+ 0·525	− 3	...	...
...	7·154	−13·187	1·00	46.9746	10·1
...	6·867	−37·649	0·65	...	...
241					
...	− 6·709	−39·503	0·90	...	...
...	6·549	−25·926	− 1	Bm	...
...	6·539	−23·466	0·70	M	...
...	6·426	−59·212	0·70	...	...
...	6·323	−49·129	− 1	m	...
...	− 5·759	+37·342	− 3	m	...
...	5·708	+48·162	− 1	...	...
...	5·661	+38·948	− 2	...	...
...	5·397	+56·108	− 4	m	...
...	5·273	+48·592	− 3	m	...
251					
...	− 4·477	−18·933	− 4	Mm	...
...	4·162	+48·143	− 4	m	...
*	4·006	+28·024	1·40	45.9752	9·6
...	3·897	−12·915	− 5	Mm	...
...	3·819	−57·749	− 5	Mm	...
...	− 3·566	+54·472	0·90	...	...
...	3·402	−28·125	0·70	...	...
...	3·395	+38·429	− 5	Mm	...
...	3·353	−55·653	− 5	Mm	...
...	3·028	−58·790	− 3	Mm	...
261					
...	− 2·713	+ 7·272	− 1	...	...
*	2·656	+55·887	1·30	45.9753	9·6
...	2·400	+24·341	− 4	m	...
...	2·337	− 3·296	− 5	Mm	...
...	2·158	+41·888	− 2	...	...
...	− 2·106	−47·873	− 3	Mm	...
...	1·834	−53·661	− 5	Mm	...
...	1·713	+37·283	− 5	Mm	...
...	1·674	+ 7·606	− 3	m	...
...	1·665	+37·977	− 4	m	...
271–330					
271					
S *	− 1·230	−33·211	2·00	46.9747	8·4
...	1·216	+25·997	− 5	Mm	...
...	0·998	+43·967	0·70	...	...
...	0·901	−10·671	− 4	Mm	...
*	0·647	−32·640	2·00	46.9748	8·4
...	− 0·308	+48·725	− 4	Mm	...
...	− 0·222	−22·896	0·80	...	...
...	+ 0·018	+12·967	− 4	Mm	...
...	0·031	+19·459	− 2	...	...
†	0·119	+30·293	− 3	...	...
281					
...	+ 0·211	− 0·733	− 3	Mm	...
...	0·293	−54·415	− 2	...	...
...	1·054	−53·811	0·90	...	...
...	1·081	−45·126	0·70	Ma	...
n*	1·153	−58·894	1·30	47.9318	9·0
...	+ 1·261	+35·813	− 4	...	...
...	1·263	+48·854	− 3	...	...
...	1·338	−27·987	− 5	Mm	...
n*	1·367	−58·973	1·20	47.9318	9·0
...	1·440	+45·146	− 5	Mm	...
291					
†	+ 1·444	−14·751	0·90	...	...
...	1·460	+12·052	− 5	Mm	...
...	1·593	−20·038	− 4	Mm	...
...	1·635	−50·877	− 2	m	...
...	1·648	+39·128	− 5	m	...
...	+ 1·742	+47·477	− 4	...	...
...	1·902	+46·034	− 2	...	...
...	2·033	−43·070	− 5	Mm	...
...	3·171	+18·723	− 5	Mm	...
...	3·177	+26·407	− 3	...	...
301					
...	+ 3·213	−17·953	0·80	...	...
...	3·611	+49·897	− 4	m	...
...	3·613	−49·583	0·80	...	...
...	3·619	−19·006	0·75	...	...
...	3·711	+53·896	− 4	...	...
...	+ 3·822	+46·313	− 5	Mm	...
...	4·019	+16·031	0·80	...	...
*	4·054	+49·607	1·00	45.9754	10·1
...	4·338	−47·126	− 5	Mm	...
...	4·562	+20·383	− 5	Mm	...
311					
...	+ 4·849	−14·965	0·80	M	...
...	4·902	−40·129	0·70	M	...
*	4·932	−42·344	1·10	46.9749	9·6
†	5·053	−28·097	0·70	...	...
†	5·181	+43·991	0·75	...	...
...	+ 5·302	+53·192	− 1	...	...
...	5·793	−52·171	− 5	Mm	...
...	5·964	+39·307	− 3	...	...
...	6·084	+56·149	− 5	...	...
...	6·514	+38·418	− 5	Mm	...
321					
...	+ 6·580	+ 8·491	0·90	...	...
...	6·606	+58·285	− 4	...	...
...	6·635	+38·331	− 5	Mm	...
...	6·738	+12·829	− 4	...	...
...	6·868	+49·759	0·70	...	...
...	+ 6·960	− 6·081	− 2	Ma	...
...	7·086	−55·028	− 2	...	...
...	7·107	+28·038	− 4	...	...
†	7·328	+ 5·148	0·90	...	...
*	7·671	−12·374	1·05	46.9750	9·6
331–390					
331					
...	+ 7·889	−20·053	− 5	Mm	...
...	7·963	−48·764	0·90	46.9751	10·1
...	8·485	+39·938	− 5	m	...
...	8·525	+12·958	− 5	m	...
...	8·568	− 8·463	− 5	m	...
*	+ 8·786	+21·277	1·00	45.9755	10·1
...	9·211	−50·796	− 5	m	...
S *	9·288	+36·203	2·00	45.9756	8·4
*	9·293	−12·547	1·00	46.9752	10·0
...	9·582	+58·160	− 2	...	...
341					
...	+ 9·589	− 4·397	− 5	m	...
...	9·746	+56·548	− 1	...	...
*	9·857	−15·112	1·50	46.9753	9·2
†	10·065	+18·019	− 5	m	...
...	10·237	+28·002	0·70	...	...
...	+10·392	+56·109	− 3	...	...
*	10·422	−37·286	1·00	46.9754	10·1
...	10·480	+37·413	0·95	...	...
...	10·567	−58·741	0·95	...	...
...	11·350	−40·519	− 1	a	...
351					
*	+11·652	−40·920	1·40	46.9755	9·4
...	12·029	+59·933	− 3	...	...
...	12·345	+ 4·153	0·70	...	...
*	12·349	−54·275	1·20	46.9756	10·0
...	12·378	−56·073	− 2	...	...
...	+12·766	+13·441	0·90	...	...
...	13·208	−51·732	− 2	...	...
†	13·225	−14·790	0·75	...	...
...	13·423	+18·510	− 4	m	...
...	14·326	+37·260	− 2	...	...
361					
...	+14·766	+22·226	0·90	...	...
...	14·827	− 3·658	0·70	a	...
...	14·941	+18·724	− 5	m	...
*	14·970	+ 8·709	1·00	45.9757	10·1
N	15·693	+45·954	− 5	45.9758	10·1
...	+15·724	+42·184	0·80	...	...
...	16·168	−45·498	0·80	...	...
...	16·244	+ 0·835	− 4	m	...
...	16·351	+54·810	− 4	...	...
...	16·428	+56·105	− 3	...	...
371					
*	+16·768	+30·876	1·40	45.9759	9·8
...	16·860	+36·029	− 3	...	...
...	17·081	+56·331	− 5	m	...
...	17·125	+53·192	− 3	...	...
...	17·225	−26·201	0·75	...	...
...	+17·360	+30·864	− 5	m	...
...	19·210	−42·569	− 4	m	...
...	19·374	−37·754	− 1	...	...
...	19·412	+32·241	− 3	...	...
...	19·531	+21·153	0·70	...	...
381					
...	+19·675	−34·437	0·90	...	...
*	19·841	−41·873	1·40	46.9757	9·2
...	19·986	+55·876	0·70	...	...
...	20·343	−29·212	0·85	46.9758	10·1
...	20·580	−22·404	− 5	m	...
*	+21·038	−20·187	1·00	46.9759	9·8
...	21·187	− 3·293	0·70	...	...
*	22·099	−41·192	1·00	46.9761	9·9
S *	22·181	+20·743	3·00	45.9760	7·5
*	22·263	−20·288	1·00	46.9760	9·7

285, 289. C.P.D., suspected double.
365. One image only. Var.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
391–450					
391					
...	+22·297	+23·921	0·75	...	...
...	22·427	+32·098	− 4	...	...
...	22·564	−31·127	− 5	*m*	...
...	22·751	−33·352	− 2	...	...
...	22·942	+55·292	− 3	...	...
...	+22·943	−45·931	− 5	*m*	...
...	23·346	−17·089	0·65	...	...
*	23·981	+16·432	1·00	45.9761	9·9
†	24·144	−24·759	0·80	...	...
*	24·319	− 8·426	1·00	46.9762	9·8
401					
...	+24·646	+11·784	− 2	...	...
†	25·143	+20·411	0·70	...	...
...	25·534	−37·916	− 2	...	...
...	25·682	−31·754	− 5	*m*	...
*	25·932	+ 8·371	1·00	45.9763	10·0
*	+26·419	+29·575	4·00	45.9764	6·8
*	26·419	−24·685	1·40	46.9763	9·2
...	26·811	−31·496	− 2	*a*	...
...	27·167	+12·916	− 5	...	...
...	27·232	−31·249	− 5	*m*	...
411					
...	+27·598	+ 5·651	− 3	*m*	...
*	28·012	+15·338	1·00	45.9765	9·8
...	28·407	+33·933	0·85	...	...
S *	29·017	−45·030	1·40	46.9764	8·8
...	29·183	−47·135	− 5	*m*	...
...	+29·184	+25·584	0·85	...	...
...	29·402	− 6·079	− 3	*m*	...
†	29·914	−49·635	− 4	*m*	...
‡	30·004	+ 5·739	1·10	45.9766	9·6
*	30·029	−45·849	1·10	46.9766	9·8
421					
...	+30·087	−16·690	0·90	46.9765	10·0
...	32·234	−18·819	0·70	...	...
...	32·293	−23·338	− 4	*m*	...
*	32·587	+39·704	1·20	45.9767	9·8
*	32·823	−10·948	1·00	46.9767	9·8
...	+32·849	+58·127	1·00	...	...
*	32·875	−55·188	2·00	46.9768	9·0
...	33·837	−38·488	− 4	*m*	...
...	33·975	+57·150	− 4	...	...
...	34·068	−15·892	− 4	*m*	...
431					
†	+34·971	−10·579	− 4	*m*	...
...	35·430	+44·936	0·65	...	...
...	35·459	+34·063	0·70	...	...
...	35·690	−17·505	0·90	...	...
...	35·785	−48·898	− 5	*m*	...
...	+36·667	− 5·969	0·95	...	...
...	36·805	+16·663	0·80	...	...
...	36·814	− 8·524	− 3	*m*	...
...	37·015	− 5·927	− 3	*m*	...
...	37·310	+45·518	0·70	...	...
441					
...	+37·425	−24·132	0·70	...	...
...	37·473	−35·831	1·00	...	...
...	37·562	− 8·745	− 4	*m*	...
...	37·646	− 5·301	− 4	*m*	...
...	37·958	+24·899	0·70	...	...
...	+38·184	− 9·752	− 5	*m*	...
*	38·518	−42·868	1·20	46.9769	10·1
...	38·562	−38·160	− 4	*m*	...
*	38·616	+ 6·356	1·20	45.9769	9·8
...	38·659	+57·013	− 1	...	...
451–510					
451					
...	+38·679	+ 5·756	− 2	...	...
...	38·719	−24·465	− 1	...	...
...	38·897	+ 9·669	− 3	...	...
...	38·967	− 7·312	− 4	*m*	...
*	39·481	−12·107	1·30	46.9770	9·4
...	+39·629	−21·029	− 3	*m*	...
*	39·782	−37·301	1·00	...	...
*	39·980	+58·956	1·15	45.9770	10·1
†	40·006	−30·636	0·95	...	...
...	40·110	− 8·735	− 5	*m*	...
461					
...	+40·265	+15·221	0·90	...	...
...	40·470	− 7·681	− 5	*m*	...
...	41·152	+24·806	− 3	...	...
*	41·700	− 2·044	0·95	46.9771	10·1
...	42·063	−26·277	0·90	...	...
...	+43·449	−32·746	− 4	*e*	...
*	43·511	− 7·292	0·95	...	...
...	43·670	+43·169	0·80	...	...
...	43·682	−18·016	− 5	*m*	...
...	43·878	+36·444	− 4	...	...
471					
...	+43·959	−18·189	− 5	*m*	...
...	44·060	−22·292	− 4	*e*	...
...	44·413	+27·715	0·75	...	...
...	44·503	−44·017	− 5	*e*	...
...	45·155	+49·887	− 4	...	...
...	+45·243	+52·012	− 1	...	...
...	45·244	−34·415	− 2	...	...
...	45·385	−41·509	− 3	...	...
...	45·682	−18·107	− 5	*e*	...
...	46·054	−35·755	1·00	46.9772	10·1
481					
...	+46·555	−13·799	− 5	*e*	...
*	46·702	+49·191	1·20	45.9771	9·9
N	46·713	+ 0·530	− 5	*e*	...
N	46·714	+ 0·579	− 5	*e*	...
...	46·767	− 1·968	− 4	*e*	...
...	+46·774	−14·616	− 5	*m*	...
...	46·990	+47·408	− 3	...	...
...	46·996	−23·805	− 4	*e*	...
...	47·348	−36·977	− 3	...	...
...	47·528	−31·610	0·90	...	...
491					
...	+47·589	+23·842	0·80	...	...
*	48·133	−43·325	1·10	46.9773	10·1
...	48·254	+15·900	0·70	...	...
...	48·711	−52·885	− 5	*e*	...
S *	48·922	+52·011	2·00	45.9772	8·7
...	+48·987	+57·256	− 2	...	...
...	49·005	− 9·133	− 2	*e*	...
...	49·780	−32·444	− 5	*e*	...
...	49·883	+26·896	− 4	...	...
†	49·904	−56·979	− 5	...	...
501					
†	+49·915	−17·582	− 5	*e*	...
...	50·187	+52·590	− 3	...	...
...	50·187	−47·449	0·90	...	...
...	50·296	−40·684	− 4	*e*	...
†	51·078	−49·706	0·90	...	...
...	+51·286	+31·976	− 3	...	...
...	51·375	+ 1·620	1·00	...	...
...	51·465	−35·458	− 3	...	...
...	51·628	+18·913	− 3	...	...
...	51·906	+ 2·762	− 5	*e*	...
511–549					
511					
*	+52·159	−17·234	1·40	46.9774	9·4
...	52·778	+20·923	− 3	...	...
...	52·854	− 0·706	0·85	46.9775	10·1
...	52·965	+24·809	0·70	...	...
...	52·980	−10·469	− 3	*e*	...
...	+53·080	−29·162	0·80	...	...
...	53·100	+12·197	− 3	...	...
...	53·221	+45·510	− 4	...	...
...	53·251	−55·490	− 5	...	...
...	53·259	+44·309	− 4	...	...
521					
...	+53·378	+57·268	− 3	...	...
...	53·539	+32·343	0·80	...	...
...	53·565	+16·916	− 4	...	...
...	53·894	−14·638	0·80	...	...
...	54·659	+21·061	− 5	*m*	...
...	+54·660	− 1·558	− 4	*e*	...
...	54·804	+18·306	− 5	*e*	...
...	55·228	−50·914	− 2	...	...
*	55·469	−15·567	1·00	...	...
S *	55·764	+26·790	1·60	45.9773	8·6
531					
...	+55·937	+ 3·791	0·65	...	...
...	56·295	−40·882	− 3	...	...
S *	56·582	−17·275	2·20	46.9776	8·0
...	56·626	+43·833	− 5	...	...
...	56·686	+ 2·961	0·70	...	...
*	+56·795	+54·136	1·60	45.9774	9·2
...	56·822	+34·340	− 3	...	...
...	56·891	+35·621	− 4	...	...
...	57·298	+ 0·724	− 4	*e*	...
...	57·935	+43·165	− 5	*e*	...
541					
...	+58·004	−44·480	− 1	...	...
*	58·073	+44·095	1·40	45.9775	9·2
...	58·294	+ 4·675	− 5	*e*	...
...	58·369	−17·611	− 5	*e*	...
...	58·501	−35·554	− 4	...	...
...	+58·630	−40·274	− 1	...	...
...	58·949	−56·727	− 5	...	...
...	59·609	−21·692	− 5	*e*	...
...	59·918	+23·957	− 4	...	...

483, 484. 46°·119, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1–60					
1					
†	−59·746	−33·001	− 5	E	...
...	59·470	−22·538	− 5	E	...
...	59·276	+15·029	− 5	M	...
*	59·066	+48·999	1·15	45.9771	9·9
...	58·918	+ 7·361	− 5	M	...
...	−58·739	+47·220	− 4	...	...
...	58·349	−44·212	− 5	E	...
...	57·971	−18·291	− 5	E	...
...	57·881	−34·607	− 2	...	...
N	57·532	+ 0·389	− 4	E	...
11					
...	−57·519	−41·694	− 4	...	...
...	57·392	− 2·132	− 4	E	...
...	57·383	+23·679	− 2	...	...
...	57·236	−13·959	− 5	E	...
*	57·049	−35·925	1·00	46.9772	10·1
...	−57·039	+57·123	− 4	...	...
S*	56·933	+51·884	2·00	45.9772	8·7
...	56·487	−23·951	− 5	E	...
...	56·476	+15·759	− 4	...	...
...	55·715	−37·097	− 4	...	...
21					
...	−55·710	−31·734	− 1	...	...
...	55·684	+52·498	− 5	...	...
...	55·202	+26·805	− 4	...	...
...	55·196	−37·065	− 5	M	...
...	54·929	− 9·218	− 4	E	...
*	−54·720	−43·421	1·00	46.9773	10·1
...	53·963	+31·922	− 4	...	...
...	53·858	−52·948	− 5	E	...
...	53·759	−17·646	− 5	E	...
...	53·441	−32·484	− 5	E	...
31					
...	−53·197	+18·887	− 4	...	...
*	52·905	+ 1·582	1·00	...	...
...	52·658	−40·704	− 5	E	...
...	52·645	+57·259	− 5	...	...
...	52·549	−47·475	− 1	...	...
...	−52·538	−57·001	− 4	...	...
...	52·460	+45·513	− 5	...	...
...	52·411	+ 2·748	− 4	E	...
...	52·369	+44·299	− 4	...	...
...	52·111	+20·925	− 4	...	...
41					
...	−52·047	+24·817	− 4	...	...
...	51·703	+32·365	− 1	...	...
...	51·643	−35·455	− 3	...	...
†	51·595	−49·706	− 1	...	...
...	51·584	−11·903	− 4	M	...
*	−51·521	−17·221	1·25	46.9774	9·4
...	51·517	+12·213	− 4	...	...
...	51·351	− 0·684	0·95	46.9775	10·1
...	51·196	+16·945	− 4	...	...
...	50·925	−10·433	− 4	E	...
51					
...	−50·241	−29·107	0·80	...	...
...	50·016	+18·378	− 4	E	...
†	49·889	−14·571	0·65	...	...
...	49·533	− 1·479	− 4	E	...
...	49·410	+12·463	− 5	M	...
S*	−49·298	+26·880	2·00	45.9773	8·6
...	49·233	−55·410	− 3	...	...
*	49·132	+54·242	2·00	45.9774	9·2
...	48·981	+43·940	− 5	...	...
...	48·861	−33·906	− 5	M	...
61–120					
61					
...	−48·595	+39·549	− 5	M	...
...	48·501	+34·462	− 3	...	...
...	48·466	+35·742	− 4	...	...
...	48·416	+ 3·901	− 1	...	...
...	48·272	−15·454	0·80	...	...
...	−47·805	+41·484	− 5	...	...
...	47·639	+ 3·097	− 3	...	...
...	47·633	+43·309	− 5	E	...
...	47·570	−56·839	− 3	...	...
*	47·543	+44·244	1·60	45.9775	9·2
71					
...	−47·409	−50·771	0·70	...	...
S*	47·092	−17·126	2·80	46.9776	8·0
...	46·974	+ 0·886	− 4	E	...
...	46·656	−40·719	− 3	...	...
...	46·084	+ 4·870	− 5	E	...
...	−45·310	−17·410	− 5	E	...
*	45·066	+41·169	1·05	45.9776	10·1
...	45·066	+24·188	− 4	...	...
†	44·821	−44·261	− 2	...	...
*	44·734	+46·224	1·05	45.9777	10·1
81					
...	−44·673	+22·955	− 4	...	...
...	44·633	−35·330	− 3	...	...
...	44·348	−40·041	0·85	...	...
...	44·255	+29·983	− 4	...	...
...	44·133	+15·799	− 5	M	...
*	−44·017	+42·976	1·50	45.9778	9·6
...	43·949	−21·445	− 5	E	...
...	43·542	−29·916	− 5	M	...
...	43·512	−56·472	− 2	...	...
...	43·378	+ 4·342	− 4	...	...
91					
...	−43·305	+24·580	− 5	M	...
*	42·965	− 4·955	1·40	46.9778	9·8
...	42·867	−12·883	0·80	...	...
...	42·548	−35·405	0·80	46.9777	10·1
*	42·061	+13·246	1·10	45.9779	9·8
...	−41·707	−50·242	0·80	...	...
...	41·606	+46·210	0·65	...	...
...	41·255	+47·439	− 3	...	...
...	41·249	+24·280	− 3	...	...
...	41·196	+26·653	− 4	...	...
101					
...	−40·991	−16·821	− 5	M	...
...	40·896	−33·958	− 4	M	...
...	40·855	+13·620	− 3	...	...
...	40·610	+17·139	− 5	M	...
...	40·270	−54·945	− 3	A	...
...	−40·218	−19·155	− 4	...	...
...	40·193	+48·255	− 5	...	...
*	39·967	−15·576	1·00	...	...
...	39·908	−49·406	− 5	M	...
...	39·200	−45·821	− 5	M	...
111					
...	−38·640	−13·561	− 4	M	...
...	38·548	−50·486	− 1	...	...
...	38·418	+24·941	− 5	M	...
...	38·056	−26·126	− 4	...	...
...	37·989	+26·692	− 4	...	...
...	−37·988	+ 6·967	− 3	...	...
*	37·929	−34·416	1·40	46.9779	9·4
...	37·741	+43·940	− 4	...	...
...	37·736	+59·594	− 3	...	...
...	37·712	+34·514	− 5	M	...
121–180					
121					
†	−37·410	−34·671	− 5	M	...
...	37·369	+17·898	0·90	...	...
...	37·189	−28·388	− 5	M	...
...	37·162	+14·611	0·95	...	...
...	37·091	+ 0·302	− 5	M	...
S*	−36·861	−53·663	2·00	46.9780	8·9
...	36·834	−52·318	− 2	...	...
...	36·788	−37·751	− 2	...	...
...	36·483	−15·817	− 5	M	...
...	35·967	−38·811	− 5	...	...
131					
...	−35·917	−51·067	− 1	...	...
...	35·883	−38·725	− 5	M	...
...	35·536	+29·232	− 5	M	...
...	35·304	+ 5·344	0·85	45.9780	10·1
*	35·249	−45·755	1·00	...	...
*	−34·683	+ 3·710	1·00	45.9781	10·1
...	34·526	+53·877	− 1	...	...
*	33·905	+19·758	1·00	...	...
S ‡	33·837	+40·063	2·00	45.9782	8·7
*	33·627	−37·673	1·00	46.9781	10·1
141					
...	−33·132	−50·051	− 4	M	...
...	32·552	+55·269	− 5	...	...
...	31·687	+26·300	− 5	M	...
...	31·569	−36·932	− 4	...	...
...	31·347	−43·259	− 4	M	...
...	−31·241	−42·801	− 4	M	...
...	31·220	+41·768	− 5	...	...
...	31·123	+16·558	− 5	M	...
...	31·028	−54·316	− 4	...	...
...	30·718	+26·293	− 5	M	...
151					
...	−30·694	−13·981	0·85	...	...
*	30·596	−48·888	1·00	46.9782	10·1
...	30·413	+16·743	− 4	...	...
...	30·227	+52·745	− 3	...	...
...	29·981	− 4·443	− 3	...	...
†	−29·946	−41·415	− 2	...	...
†	29·907	+23·430	− 5	...	...
...	29·496	−51·201	− 5	M	...
...	29·343	+44·253	− 4	M	...
...	29·233	+17·651	− 5	M	...
161					
†	−29·197	+25·128	− 3	...	...
...	29·072	−32·562	− 3	...	...
...	28·816	+18·673	− 3	...	...
...	28·744	+19·839	0·65	...	...
...	28·722	−23·030	− 4	M	...
...	−28·650	−47·313	− 5	M	...
...	28·583	−36·763	0·90	46.9783	10·1
...	28·482	−55·456	− 5	M	...
...	28·393	+39·094	− 2	...	...
...	28·331	+38·432	0·70	...	...
171					
...	−28·285	+59·307	− 4	...	...
...	28·012	+28·922	− 4	...	...
*	27·828	+19·118	1·05	45.9783	10·0
...	27·737	+21·741	− 3	...	...
†	27·596	−29·708	− 3	...	...
...	−27·580	+42·410	− 4	M	...
...	27·423	+26·170	− 3	...	...
...	26·804	−48·186	− 5	M	...
*	26·642	+46·226	1·00	...	...
...	26·302	−41·009	− 4	M	...

L measured from 1, 110, 208, 302, 382, 497.
ES „ „ 54, 158, 253, 344, 432, 540.

10. Mass. 46°·118, two stars.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
181–240					
181					
*	−26·065	−37·084	1·50	46.9784	9·4
...	25·374	+11·893	− 4	...	...
*	25·289	+47·452	1·30	45.9784	9·9
†	25·103	+20·206	− 4	M	...
...	25·023	− 6·040	− 3	A	...
...	−24·714	−51·748	0·85	...	...
...	24·399	−24·105	− 1	...	...
...	23·993	+22·501	− 4	...	...
*	23·880	+43·886	1·20	45.9785	10·1
...	23·749	−49·824	− 5	M	...
191					
...	−23·678	+59·273	0·85	...	...
...	23·613	+33·506	− 2	...	...
...	23·503	−41·217	− 3	...	...
...	23·487	+23·859	0·80	...	...
...	23·397	+42·337	− 5	...	...
...	−23·215	−55·761	− 5	M	...
...	22·526	− 9·351	− 4	M	...
...	22·519	−51·310	0·80	...	...
...	22·476	−24·648	0·85	...	...
*	22·441	−42·708	1·15	46.9785	10·1
201					
...	−21·606	−42·212	− 5	M	...
...	21·544	+30·707	− 2	...	...
...	21·499	+ 3·284	− 5	M	...
...	21·371	+52·760	0·80	...	...
*	21·010	−24·091	1·00	...	...
...	−20·627	+45·704	− 4	...	...
...	20·598	+30·435	− 2	...	...
...	19·823	+51·771	− 5	...	...
*	19·732	+19·082	1·00	...	...
...	19·297	+48·289	− 5	...	...
211					
...	−19·235	+59·247	− 2	...	...
*	19·086	−22·270	1·25	46.9786	9·4
...	18·833	+43·374	− 5	M	...
...	18·670	+29·793	− 5	M	...
...	18·598	+ 4·466	− 5	...	...
...	−18·375	+31·495	− 4	...	...
...	17·839	+ 1·000	0·80	46.9787	10·1
...	17·812	+24·017	− 4	...	...
...	17·274	−27·455	− 5	...	...
...	17·184	−51·733	− 5	...	...
221					
...	−17·173	−23·838	− 3	...	...
...	17·158	+39·496	− 4	...	...
...	17·151	+ 9·145	− 3	...	...
...	16·720	+ 2·738	− 5	M	...
...	16·182	+21·839	− 4	...	...
...	−16·115	+47·342	− 5	...	...
...	15·964	+27·573	− 5	M	...
...	14·835	− 5·292	− 5	M	...
...	14·703	−37·437	− 5	...	...
...	13·920	−58·536	− 5	M	...
231					
*	−13·739	+19·815	1·00	45.9786	10·1
...	13·090	+29·672	0·75	...	...
...	12·905	+29·241	− 5	...	...
...	12·524	−20·757	− 5	M	...
...	12·424	+50·897	− 4	...	...
...	−12·311	+ 3·772	− 3	...	...
...	12·198	−20·748	− 5	M	...
...	11·900	+28·909	− 5	M	...
...	11·851	−43·121	− 4	...	...
*	11·716	+42·798	0·90	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
241–300					
241					
...	−11·646	+39·098	− 5	M	...
*	11·563	−53·714	1·00	46.9788	9·9
*	11·538	+44·595	0·90	...	...
...	11·525	+34·709	− 5	...	...
S*	11·498	−25·350	2·75	46.9789	8·4
...	−11·381	−13·002	− 5	M	...
...	10·898	−23·882	0·95	46.9790	10·3
...	10·705	−29·772	− 3	...	...
...	10·624	+48·797	− 4	...	...
...	10·601	+23·747	− 4	...	...
251					
...	−10·445	+17·118	− 4	...	...
...	10·263	−57·988	− 4	...	...
†	9·900	+18·287	0·65	...	...
...	9·523	+53·254	− 2	...	...
...	9·473	+22·227	− 4	...	...
*	− 9·407	+42·817	1·30	45.9787	9·7
...	9·282	−42·894	− 5	M	...
*	9·241	− 4·124	1·25	46.9791	9·8
...	9·227	+41·798	− 3	...	...
†	9·221	−19·741	− 5	M	...
261					
...	− 9·015	−11·182	− 5	M	...
...	8·966	+34·887	− 2	...	...
...	8·839	− 1·406	0·75	...	...
...	8·765	−43·031	− 5	M	...
...	8·554	+49·596	− 2	...	...
...	− 8·415	−13·910	0·95	...	...
...	8·169	+35·856	− 2	...	...
...	7·712	−50·859	− 2	M	...
...	7·565	+41·163	− 5	M	...
...	7·444	+53·486	0·80	...	...
271					
...	− 7·109	+54·446	− 4	...	...
...	6·892	−53·419	− 2	...	...
...	6·399	−48·045	− 5	M m	...
*	6·334	+15·332	1·00	45.9788	10·1
...	6·263	−50·540	− 2	M	...
...	− 6·150	+46·672	− 4	m	...
...	5·903	+ 8·967	1·00	...	...
...	5·595	− 8·403	− 1	...	...
...	5·081	−27·177	0·65	...	...
...	4·350	−21·286	− 5	M	...
281					
*	− 4·171	−25·395	1·05	46.9792	10·3
...	4·015	−30·190	− 5	M m	...
...	3·769	+ 3·596	1·00	46.9793	10·3
...	3·632	+13·759	− 5	M m	...
...	3·347	+56·078	− 5	M m	...
...	− 3·282	+49·498	− 2	...	...
...	3·280	− 5·934	0·80	...	...
...	2·696	+11·478	− 2	m	...
...	2·621	−46·988	− 5	M	...
...	2·596	−39·360	− 2	...	...
291					
*	− 2·525	−51·323	1·10	46.9794	10·3
...	1·906	−49·929	− 3	M	...
...	1·815	+22·687	− 2	...	...
...	1·773	+23·762	− 3	...	...
...	1·642	+ 7·298	− 5	M m	...
...	− 1·552	−36·692	− 5	M	...
...	1·078	− 3·289	− 5	M	...
...	0·959	+30·699	0·90	45.9789	10·3
...	0·892	+ 7·497	− 5	M m	...
...	0·549	+22·673	− 4	m	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
301–360					
301					
†	− 0·010	+15·598	0·90	45.9790	10·3
...	+ 0·092	+38·343	− 5	m	...
...	0·163	+16·794	− 5	M m	...
...	0·192	−39·832	0·90	...	...
...	0·398	−46·865	− 4	...	...
...	+ 0·596	+54·624	0·95	45.9791	10·3
...	0·829	−55·336	− 4	...	...
...	1·000	−50·513	− 4	M	...
...	1·494	+32·199	− 5	...	...
†	1·502	−14·729	− 5	M	...
311					
...	+ 1·806	+46·107	− 5	...	...
...	1·959	+53·474	− 2	...	...
...	2·727	−27·411	− 4	M	...
...	2·749	+41·494	− 5	M m	...
...	2·863	+12·781	− 2	...	...
...	+ 3·066	+21·059	− 5	M m	...
...	3·144	+44·754	− 5	M m	...
*	3·303	−31·570	1·10	46.9795	9·8
...	3·424	− 7·793	0·90	46.9796	10·3
...	3·488	− 0·604	− 5	M	...
321					
...	+ 3·809	+23·946	− 4	...	...
...	4·103	+ 3·527	− 4	M m	...
...	4·157	+35·859	− 5	M m	...
*	4·880	−20·659	1·00	46.9797	10·0
†	4·961	+45·419	− 5	M m	...
...	+ 5·491	+32·816	− 5	M m	...
*	5·711	−34·528	1·25	46.9798	9·6
...	6·372	+ 7·797	− 5	M m	...
*	6·485	− 9·364	1·30	46.9799	9·5
*	6·600	−43·749	1·00	...	...
331				46.9800	9·6
*	+ 6·668	−43·861	1·00	...	...
...	6·896	−48·081	− 5	M m	...
...	7·039	+45·856	− 5	M	...
...	7·089	+ 3·351	− 5	M m	...
S*	7·119	+ 2·297	4·00	46.9801	6·9
*	+ 7·246	+16·798	1·00	45.9792	10·3
†	7·353	−59·587	− 4	...	...
...	7·971	+ 2·156	− 5	m	...
...	8·009	− 8·067	− 5	...	...
*	8·812	−21·108	1·05	46.9802	9·6
341					
...	+ 8·980	−16·330	− 4	...	...
...	9·375	−28·333	− 5	...	...
...	9·537	+42·785	− 5	m	...
...	10·338	−34·637	− 3	...	...
...	10·481	−28·035	− 5	...	...
...	+10·815	−27·686	0·75	...	...
*	11·897	−15·943	2·40	46.9803	8·5
...	11·959	−48·003	0·90	46.9804	10·3
...	12·239	− 0·448	− 4	...	...
*	12·251	+ 5·843	1·00	45.9794	10·3
351					
...	+12·406	−54·444	− 5	...	...
...	12·836	+54·284	− 3	...	...
S*	13·156	+46·600	1·90	45.9795	8·4
...	13·238	− 8·722	− 1	...	...
...	13·751	+50·388	− 2	...	...
*	+13·967	− 8·429	1·15	46.9805	10·2
...	14·148	+ 7·655	− 5	m	...
...	14·163	−48·321	− 5	...	...
...	14·213	− 2·788	0·70	...	...
*	14·223	−42·182	1·25	46.9806	10·2

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
361–420					
361	′	′		°	
...	+14·307	+56·035	− 4	...	...
...	15·756	+32·059	− 5	*m*	...
...	16·202	−54·133	− 4	...	...
*	16·258	+44·061	0·95	45.9796	10·2
*	16·967	−15·278	1·80	46.9807	9·4
...	+17·900	−51·631	− 5	...	...
...	17·925	−51·103	− 4	...	...
...	18·122	−35·311	− 5	...	...
S*	18·159	−23·579	2·80	46.9808	8·3
...	18·264	+54·658	− 5	*m*	...
371					
*	+18·533	−23·312	1·60	46.9809	8·9
...	18·580	+ 8·075	− 5	*m*	...
...	18·739	−41·385	− 2	...	...
...	19·010	+20·990	− 4	...	...
...	19·052	+ 6·876	− 3	...	...
...	+19·167	+ 0·089	0·75	*f*	...
*	19·204	−51·584	1·60	46.9810	9·5
...	19·308	− 1·621	− 5	...	...
...	19·421	−13·512	− 3	...	...
*	19·429	−41·901	1·20	46.9811	9·8
381					
*	+19·748	+57·508	1·50	45.9797	9·5
...	20·072	−55·405	− 4	...	...
...	20·107	+24·821	− 5	...	...
...	20·402	+53·955	− 5	...	...
...	20·468	−40·062	− 5	...	...
...	+20·788	−43·418	− 5	*m*	...
...	20·865	+56 121	− 5	...	...
...	20·943	− 7·080	− 5	...	...
*	21·004	−49·969	0·95	...	...
...	21·089	+ 5·455	− 5	*m*	...
391					
...	+21·141	+32·534	− 5	*m*	...
*	21·233	−47·107	1·00	46.9812	10·2
...	21·372	+12·040	− 2	...	...
*	21·373	−18·136	1·20	46.9813	9·6
...	21·378	−19·444	− 5	...	...
*	+21·982	−33·080	1·00	46.9814	10·2
...	22·575	− 5·800	− 5	...	...
...	22·647	+30·472	0·90	...	...
...	23·195	−15·996	1·00	...	...
...	23·281	−19·562	− 5	...	...
401					
...	+23·307	−40·727	0·90	...	...
*	23·556	+48·080	1·00	45.9799	10·3
‡	23·705	+ 0·206	3·00	46.9815	7·6
...	23·870	−28·336	− 4	...	...
...	23·926	−52·543	− 5	...	...
...	+24·030	−25·125	− 4	...	...
...	24·192	+ 3·465	− 3	...	...
...	24·352	−55·550	− 5	...	...
...	24·509	+46·937	− 5	...	...
...	24·752	+39·937	− 5	*m*	...
411					
†	+24·886	−23·125	− 4	...	...
...	25·121	+ 7·330	− 1	...	...
...	25·156	−44·409	− 5	*m*	...
*	25·323	+31·736	1·50	45.9800	8·9
...	25·700	−38·251	− 5	*m*	...
...	+25·856	−53·834	− 4	...	...
...	25·979	+29·893	− 5	...	...
...	26·018	+40·255	− 5	...	...
*	26·397	−40·623	0·95	...	...
...	26·843	−50·704	− 4	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
421–480					
421	′	′		°	
...	+27·610	− 1·322	− 2	...	...
...	27·762	+49·211	− 5	...	...
...	27·974	+ 2·732	− 4	*m*	...
...	28·201	+51·509	− 5	*m*	...
...	28·465	−31·457	− 5	*m*	...
*	+28·528	+29·347	1·00	45.9801	10·3
*	28·693	+41·236	1·10	45.9802	10·2
*	28·737	− 1·201	1·20	46.9816	10·0
...	29·230	+52·193	− 1	...	...
...	29·340	+ 8·930	− 5	*m*	...
431					
...	+29·365	−48·385	− 3	...	...
...	30·501	−31·612	− 4	...	...
...	30·647	−45·293	− 4	...	...
...	30·851	+26·495	− 2	...	...
...	31·239	+32·544	− 4	...	...
...	+31·267	+34·777	− 3	...	...
*	31·381	− 7·116	1·30	46.9817	9·8
...	31·389	+24·084	0·70	...	...
...	31·416	−48·333	− 4	...	...
...	31·431	−31·334	− 4	...	...
441					
*	+31·506	− 7·876	1·00	46.9818	10·2
...	31·609	+39·056	0·85	...	...
...	31·650	+22·296	0·70	...	...
...	31·697	+23·182	− 5	*m*	...
...	31·716	+20·925	0·70	...	...
...	+31·744	− 6·749	− 5	*m*	...
S*	31·791	+22·105	3·00	45.9803	7·0
*	32·442	−24·420	1·25	46.9819	9·6
...	32·469	−36·025	− 5	*m*	...
†	32·599	−24·763	− 4	...	...
451					
...	+32·744	+ 5·821	− 2	...	...
...	33·035	+28·550	− 4	*m*	...
...	33·055	−38·708	− 5	*m*	...
...	33·193	+41·569	0·75	...	...
...	33·527	−12·196	− 5	...	...
...	+33·664	−31·951	− 2	...	...
...	33·688	+52·610	1·00	...	...
...	33·868	+47·339	0·85	...	...
*	33·920	−14·598	1·40	46.9820	9·5
...	34·040	+53·785	− 4	...	...
461					
...	+34·085	+19·674	− 2	*a*	...
...	34·090	−17·597	− 5	...	...
...	34·416	−19·885	0·95	46.9821	10·3
...	34·604	+50·397	− 5	*m*	...
†	34·899	−29·196	0·70	...	...
†	+34·901	+ 3·635	− 4	*m*	...
†	34·970	− 8·853	− 4	...	...
†	34·986	−24·945	− 5	*m*	...
...	35·397	−46·454	− 5	*m*	...
...	35·431	−17·630	− 5	...	...
471					
...	+35·439	−53·488	0·70	...	...
...	35·460	−25·472	− 5	*m*	...
...	35·618	+18·021	− 5	*m*	...
...	36·266	+54·662	0·85	...	...
*	36·282	−30·346	1·30	46.9822	10·0
...	+36·517	+ 5·777	− 3	...	...
...	36·567	+ 3·411	− 2	...	...
...	37·285	+ 9·621	− 4	*m*	...
*	37·465	+51·124	1·60	45.9804	9·2
*	37·670	−56·881	1·20	47.9368	9·6

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
481–540					
481	′	′		°	
S*	+37·778	−36·877	3·00	46.9823	7·2
†	37·883	−39·727	− 5	...	...
...	37·889	+23·667	− 1	...	...
...	38·168	−48·718	− 5	...	...
...	38·515	+34·946	− 4	...	...
...	+38·624	+52·265	− 4	...	...
...	38·785	−27·402	− 5	...	...
...	38·799	+31·294	− 4	*m*	...
...	39·045	−36·472	− 4	...	...
*	39·123	−49·066	1·10	46.9825	10·2
491					
*	+39·176	−44·007	1·20	46.9824	10·0
...	39·600	−43·905	− 5	...	...
...	39·689	−58·119	− 4	...	...
...	39·744	+17·138	− 5	*m*	...
†	39·879	−51·170	− 3	...	...
†	+39·889	+ 6·414	− 5	*m*	...
...	40·153	+17·445	− 4	*m*	...
...	40·348	+ 8·504	− 5	*m*	...
*	41·013	−55·010	1·20	46.9827	9·3
...	41·022	−12·624	0·90	46.9826	10·3
501					
...	+41·064	+ 4·377	− 5	*m*	...
*	41·084	+46·016	1·15	45.9805	9·6
...	41·730	+19·296	− 3	...	...
†	41·736	− 4·756	− 5	*m*	...
...	42·091	−29·105	0·70	...	...
*	+42·331	−49·738	0·95	...	...
†	42·341	− 9·786	− 3	...	...
...	42·360	+21·747	− 5	*m*	...
...	42·361	+28·791	− 5	*m*	...
*	42·424	+39·549	1·25	45.9806	9·3
511					
...	+42·660	+41·662	− 1	...	...
...	42·909	−46·964	− 4	*m*	...
...	42·939	− 3·244	0·85	...	...
...	43·261	−46·572	− 4	...	...
...	43·466	−54·906	− 5	...	...
*	+43·476	− 6·755	1·50	46.9828	8·9
...	43·531	−23·768	0·70	...	...
‡	43·633	+45·104	1·05	45.9807	10·0
...	44·311	+30·349	− 5	*m*	...
...	44·367	−23·654	− 5	*m*	...
521					
†	+44·947	−47·517	− 5	...	...
...	45·650	− 5·378	0·80	...	...
...	45·923	− 9·248	− 4	...	...
...	46·219	+25·758	− 5	*e*	...
S*	46·708	+33·573	2·00	45.9808	8·9
...	+46·929	−26·086	− 1	...	...
...	46·931	+25·763	− 5	*e*	...
...	47·011	−46·096	− 4	...	...
...	47·089	−32·340	− 5	...	...
...	47·134	+ 8·366	− 5	*m*	...
531					
*	+47·658	+40·014	1·05	45.9809	10·0
...	47·776	+28·562	− 5	*e*	...
...	49·004	−58·060	− 4	...	...
...	49·118	−18·393	0·90	...	...
...	49·259	+24·741	− 4	...	...
†	+49·317	+ 5·133	− 3	...	...
...	49·549	−31·944	0·85	...	...
...	49·605	+38·017	− 5	...	...
...	49·619	−10·316	− 5	...	...
†	49·943	−28·280	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
541–560					
541	′	′		°	
...	+50·137	−37·929	0·70	...	...
...	50·547	−45·019	− 3	...	...
...	50·731	−17·296	− 5	*e*	...
...	51·002	+43·477	− 2	...	...
...	51·139	+25·342	− 3	...	...
...	+51·347	−23·513	− 2	...	...
S ‡	51·617	+ 5·211	2·30	45.9810	8·2
...	51·657	+39·339	− 3	...	...
...	51·824	+48·541	− 4	...	...
...	52·110	+ 2·815	− 3	...	...
551					
...	+52·116	+16·905	− 4	*e*	...
*	52·157	−55·021	1·15	46.9830	10·3
*	52·246	−16·556	1·80	46.9829	9·5
...	52·266	− 5·524	− 5	...	...
...	52·963	−13·837	− 3	...	...
†	+53·343	+25·110	− 5	*e*	...
...	53·718	−13·766	− 3	...	...
...	54·091	+19·970	− 2	...	...
...	54·196	+50·964	0·90	...	...
...	54·364	+ 0·295	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
561–580					
561	′	′		°	
...	+54·393	−59·274	− 5	...	...
...	54·692	+37·235	− 4	...	...
...	55·119	+13·441	0·70	...	...
...	55·172	−12·542	0·70	...	...
...	55·185	−44·317	0·70	...	...
...	+55·365	−26·497	− 5	*e*	...
*	55·515	+30·487	1·05	45.9811	10·2
...	55·719	+46·660	0·75	...	...
...	56·123	+ 3·876	− 5	*e*	...
...	56·572	−18·210	− 4	...	...
571					
*	+56·618	+26·597	1·80	45.9812	9·0
...	57·600	−26·688	− 5	*e*	...
...	57·880	+47·286	− 5	...	...
...	57·899	+31·024	− 2	*e*	...
†	58·120	+60·016	− 1	...	...
...	+58·275	−28·584	− 5	...	...
...	58·629	−52·805	− 1	...	...
...	58·805	+24·422	− 5	*e*	...
...	59·091	− 1·076	− 5	*e*	...
...	59·148	+18·637	− 5	*e*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
581–583					
581	′	′		°	
*	+59·400	+ 2·620	1·90	46.9831	8·9
...	59·503	− 9·727	− 3	...	...
†	59·829	+ 3·775	0·85	45.9813	10·3

−46° No. 120 D, 0·65 1902·70 19h 50m

1–30					
I	′	′		°	
†	−59·947	−24·003	0·65	...	...
...	59·503	−46·825	− 5	...	...
...	59·043	−55·143	− 5	...	...
...	58·809	+25·571	− 4	E	...
S*	58·555	+33·396	1·70	45.9808	8·9
...	−58·411	− 5·580	0·90	...	...
...	58·095	+25·598	− 5	E	...
...	58·021	− 9·426	− 4	...	...
*	57·812	+39·872	1·10	45.9809	10·0
...	57·795	−47·709	− 5	...	...
11					
...	−57·346	+28·420	− 4	E	...
...	56·477	−26·228	0·80	...	...
...	56·128	−32·477	− 5	...	...
...	55·815	+37·923	− 3	...	...
...	55·788	−46·218	− 5	...	...
...	−55·749	+24·637	− 2	...	...
...	55·163	+16·774	− 5	M	...
...	55·070	+ 5·043	0·70	...	...
...	54·585	+43·426	− 4	...	...
...	54·525	−18·459	0·95	...	...
21					
...	−54·493	+58·990	− 5	...	...
...	54·299	−10·377	− 2	...	...
...	53·922	+48·511	− 4	...	...
...	53·880	+25·309	− 3	...	...
...	53·800	+39·314	− 3	...	...
...	−53·677	−31·996	0·90	...	...
...	53·410	−58·113	− 4	...	...
...	53·406	−28·319	− 4	...	...
...	53·123	−16·750	− 5	M	...
...	52·957	−17·322	− 4	E	...

31–60					
31	′	′		°	
...	−52·902	−37·960	− 1	...	...
S ‡	52·753	+ 5·196	2·70	45.9810	8·2
...	52·641	+16·908	0·70	E	...
...	52·276	−45·036	− 4	...	...
...	52·211	+ 2·816	0·70	...	...
...	−52·160	+41·042	− 5	M	...
...	52·143	−23·509	0·70	...	...
...	51·783	− 5·506	− 2	...	...
†	51·693	+25·129	− 5	E	...
...	51·634	+51·011	1·00	...	...
41					
*	−51·461	−16·539	1·30	46.9829	9·5
...	50·841	−13·790	0·70	...	...
...	50·778	+20·022	0·70	...	...
...	50·714	+37·304	− 3	...	...
...	50·636	+42·135	− 5	M	...
*	−50·350	−54·985	1·00	46.9830	10·3
...	50·172	+46·799	− 5	M	...
...	50·087	−13·698	0·70	...	...
†	49·982	+46·756	− 1	...	...
...	49·878	+ 0·373	0·70	...	...
51					
*	−49·667	+30·588	1·10	45.9811	10·2
...	49·539	+13·541	0·70	...	...
...	48·788	−14·172	− 4	M	...
...	48·669	−12·432	0·80	...	...
...	48·570	−27·797	− 5	M	...
...	−48·479	− 4·186	− 5	M	...
*	48·443	+26·735	1·35	45.9812	9·0
...	48·289	+33·915	− 5	M	...
...	48·256	−37·219	− 5	M	...
...	48·235	+ 4·000	− 2	E	...

61–90					
61	′	′		°	
...	−48·163	+57·521	− 5	M	...
...	48·051	−26·368	− 4	E	...
...	48·034	+22·236	− 5	M	...
...	47·989	−59·161	− 2	...	...
...	47·835	+47·447	− 3	...	...
...	−47·660	−44·186	0·90	...	...
...	47·387	−43·813	− 4	M	...
...	47·304	+31·201	0·70	E	...
...	47·102	−18·045	0·65	...	...
...	46·582	+15·860	− 5	M	...
71					
...	−46·564	+14·936	− 5	M	...
...	46·209	+24·621	− 3	E	...
...	45·813	−26·484	− 3	E	...
...	45·687	+18·854	− 4	E	...
...	45·391	−51·391	− 5	M	...
...	−45·344	− 7·455	− 5	M	...
...	45·302	+45·268	− 4	M	...
...	45·301	+38·046	− 3	M	...
...	45·158	+25·306	− 4	M	...
...	45·141	− 0·851	− 4	E	...
81					
†	−45·070	−28·367	− 4	...	...
‡	44·907	+ 2·852	1·50	46.9831	8·9
...	44·774	+18·858	− 4	M	...
...	44·543	−51·434	− 5	...	...
*	44·523	+ 4·016	1·00	45.9813	10·3
...	−44·424	− 9·478	− 2	...	...
...	44·289	−14·633	− 5	M	...
...	43·951	−52·556	0·65	...	...
...	43·844	+ 1·683	− 2	M	...
...	43·802	+ 3·958	− 5	M	...

L measured from 1, 117, 267, 399, 514, 619.
C „ „ 50, 188, 335, 447, 562, 671.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
91–150					
91					
...	−43·768	+40·418	− 2	M	...
*	43·767	−16·532	1·40	46.9832	9·4
...	43·727	−18·361	− 4	...	...
...	43·625	− 1·053	− 4	M	...
...	43·512	+24·233	− 5	M	...
...	−43·419	− 0·272	− 5	M	...
...	43·220	+17·392	− 4	M	...
...	43·183	+33·096	0·85	...	...
...	43·135	− 4·316	− 3	...	...
...	42·923	−15·556	− 5	M	...
101					
...	−42·898	−12·830	− 3	...	...
...	42·294	−45·621	− 5	M	...
...	42·215	−57·977	− 3	...	...
...	42·209	−33·998	− 5	M	...
...	42·072	+15·333	− 3	M	...
*	−42·001	+32·593	1·00	...	...
...	41·820	+29·124	0·70	...	...
S *	41·815	−37·844	2·20	46.9833	7·6
...	41·753	+24·791	0·80	...	...
...	41·616	+37·931	− 4	M	...
111					
...	−41·352	− 1·856	0·80	...	...
...	41·327	+31·496	0·75	...	...
...	41·043	+27·278	− 3	M	...
...	40·735	+37 557	− 1	A	...
...	40·383	+ 6·823	− 5	M	...
...	−40·125	+12·382	− 4	M	...
...	39·889	−38·884	− 5	M	...
S *	39·864	+38·316	1·10	45.9814	9·3
...	39·664	+ 7·733	− 5	M	...
...	39·648	− 2·710	− 2	...	...
121					
...	−39·611	−38·080	− 4	...	...
*	39·568	−18·661	1·05	46.9834	9·5
...	39·562	+29·166	0·90	...	...
...	39·453	+44·140	− 4	M	...
...	39·068	+25·457	− 4	M	...
‡	−39·019	−19·633	0·90	46.9836	10·2
...	39·016	− 0·289	− 5	...	...
...	38·988	−20·437	0·70	A	...
...	38·979	+ 1·028	0·90	...	...
...	38·917	−36·690	− 5	...	...
131					
...	−38·726	+45·212	− 3	...	...
...	38·615	+18·488	0·75	...	...
‡	38·484	−54·535	1·20	46.9835	9·6
...	38·372	+12·406	− 5	M	...
...	38·146	+30·805	− 3	M	...
...	−38·006	+58·701	− 1	45.9815	10·3
*	37·975	−11·067	0·95	46.9837	10·2
...	37·879	−36·995	− 5	...	...
...	37·775	−36·940	− 5	M	...
...	37·488	−34·387	− 4	...	...
141					
...	−36·764	− 6·118	− 5	...	...
...	36·662	+12·897	− 5	M	...
...	36·601	+25·277	0·70	...	...
...	36·122	−15·027	− 5	M	...
...	36·022	+ 8·658	0·80	45.9816	10·3
...	−35·847	−59·471	− 5	...	...
*	35·722	+37·605	1·00	45.9817	9·6
...	35·682	−58·551	− 4	...	...
...	35·550	+40·748	− 5	M	...
*	35·543	+28·614	1·00	45.9818	10·3
151–210					
151					
...	−35·407	+10·309	0·70	...	...
*	35·228	−31·279	0·90	...	...
†	35·060	+13·734	− 2	...	...
†	35·014	+13·794	0·65	...	...
...	34·870	−55·577	− 5	M	...
...	−34·819	+32·233	− 5	M	...
...	34·768	−22·211	− 5	...	...
...	34·616	−11·829	− 5	M	...
...	34·279	− 7·023	− 4	...	...
...	34·261	−49·422	− 5	M	...
161					
*	−33·910	+59·239	1·25	45.9819	9·5
...	33·847	− 2·701	0·70	...	...
...	33·817	+52·024	− 4	...	...
...	33·795	−55·457	− 5	...	...
...	33·758	+39·568	− 2	M	...
...	−33·679	+10·985	− 5	M	...
...	33·343	+29·413	− 2	M	...
...	33·251	+43·220	0·90	...	...
...	33·209	− 4·556	0·70	...	...
...	33·119	−16·469	0·90	...	...
171					
...	−33·034	+15·816	0·85	...	...
...	32·625	+37·518	− 2	...	...
...	32·404	− 7·672	− 4	...	...
...	32·275	−47·876	− 5	...	...
...	32·167	+26·656	0·70	...	...
...	−32·118	+12·193	− 5	M	...
...	31·849	+42·819	− 5	M	...
...	31·707	−24·595	0·75	...	...
...	31·671	+13·822	− 5	M	...
*	31·113	−46·055	1·00	...	...
181					
...	−30·934	−58·750	− 1	...	...
...	30·786	−16·041	0·90	...	...
...	30·762	−43·832	− 5	M	...
...	30·758	−46·890	− 2	...	...
*	30·374	+47·483	1·00	...	...
...	−30·306	+ 3·624	0·65	A	...
‡	30·056	+33·150	1·00	45.9820	10·0
...	29·907	−42·855	− 4	M	...
*	29·643	+43·106	1·25	45.9821	9·8
...	29·630	+52·753	− 1	...	...
191					
...	−29·573	−30·300	− 5	M	...
...	29·481	−20·120	− 5	M	...
...	29·209	−42·016	− 5	M	...
...	28·981	+ 9·677	0·70	...	...
...	28·888	−57·749	− 5	M	...
...	−28·748	+16·730	0·70	...	...
...	28·690	−27·687	− 5	M	...
...	28·678	−45·460	− 5	M	...
...	28·423	+18·539	− 3	...	...
...	28·382	−47·638	− 5	M	...
201					
...	−28·073	+10·264	− 4	M	...
...	27·959	−45·453	0·80	...	...
...	27·829	+35·297	− 5	M	...
...	27·808	+44·501	− 5	M	...
...	27·763	+12·741	− 3	M	...
...	−27·410	−10·546	− 4	M	...
...	27·400	− 7·034	− 3	...	...
*	27·237	+31·699	0·90	...	...
...	27·176	−36·223	− 5	M	...
...	27·145	+34·669	− 4	M	...
211–270					
211					
...	−26·928	+27·448	0·75	...	...
*	26·861	−46·290	1·40	46.9838	9·2
†	26·701	+55·086	− 4	M	...
*	26·479	−29·242	1·20	46.9839	9·6
*	26·412	−41·691	1·00	...	...
*	−26·406	−12·072	0·95	...	...
...	26·374	− 0·905	− 3	...	...
...	26·305	+ 3·396	− 4	M	...
...	26·282	+ 3·621	0·65	...	...
...	25·694	+15·329	− 2	M	...
221					
...	−25·626	− 0·127	− 2	...	...
...	25·362	−36·879	− 3	...	...
*	25·359	+28·817	1·40	45.9822	9·5
...	25·078	+46·636	− 4	M	...
...	24·828	+31·320	− 5	M	...
...	−24·621	−47·440	0·90	...	...
...	24·417	−17·048	− 5	M	...
...	24·358	−57·345	− 5	...	...
...	24·333	+ 2·873	− 3	M	...
...	24·331	+19·882	0·75	...	...
231					
...	−24·300	−17·618	− 4	...	...
...	24·262	−46·894	− 3	...	...
...	24·133	+18·722	− 1	...	...
*	23·890	−15·646	1·00	46.9840	10·0
...	23·807	+29·398	− 3	...	...
...	−23·712	+12·127	− 4	M	...
...	23·503	+11·595	− 3	M	...
...	23·452	+ 3·935	− 4	M	...
...	23·317	+12·143	− 5	M	...
...	23·243	+59·301	− 4	M	...
241					
...	−23·091	−25·950	− 4	...	...
...	22·891	+ 7·766	0·80	...	...
...	22·791	+ 9·158	0·90	...	...
*	22·653	−19·181	1·00	46.9841	10·2
...	22·428	−26·221	0·90	...	...
...	−22·378	+ 6·212	0·70	A	...
...	22·341	+ 6·968	− 5	M	...
...	22·269	+36·956	− 3	M	...
†	22·126	+45·068	− 3	...	...
...	21·908	−52·536	− 2	...	...
251					
...	−21·819	+25·058	− 3	M	...
...	21·759	+24·182	− 2	M	...
...	21·746	−36·182	− 5	M	...
...	21·653	−38·008	− 2	...	...
...	21·465	+49·445	− 5	M	...
...	−21·401	+31·146	− 3	M	...
...	21·232	−28·155	− 2	...	...
...	21·196	−11·939	− 4	...	...
...	21·075	+ 4·780	− 4	M	...
*	20·740	+ 6·847	1·00	45.9823	10·3
261					
...	−20·663	+13·451	− 5	M	...
...	20·517	− 1·780	− 4	...	...
*	20·464	+38·640	1·00	45.9824	10·3
...	20·304	−12·829	− 5	M	...
...	20·265	+54·480	− 5	M	...
‡	−20·078	+37·305	1·00	45.9825	10·2
†	20·072	−50·296	− 1	46.9842	10·3
...	19·616	+42·332	− 4	M	...
...	19·416	+ 7·687	− 5	M	...
...	19·410	+ 8·035	0·70	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65.	C.P.D. No.	C.P.D. Mag.
271–330					
271	′	′		°	
...	−18·939	+24·593	0·70	...	...
S *	18·896	−23·763	2·00	46.9843	8·6
†	18·866	−29·621	0·65	...	...
*	18·262	+59·051	1·00	45.9826	10·2
...	17·818	−43·301	− 5	...	...
...	−17·764	− 8·990	0·90	...	...
...	17·498	−44·363	0·90	...	...
...	17·407	−27·173	− 5	M	...
...	17·354	+27·884	0·70	A	...
...	17·265	−38·876	− 4	...	...
281					
...	−17·139	+42·270	− 4	M	...
...	17·049	+44·753	0·75	...	...
...	16·753	− 8·300	− 5	M	...
...	16·734	−38·859	− 5	M	...
*	16·718	−52·792	1·00	46.9844	10·0
...	−16·566	+ 9·684	0·80	...	...
†	16·529	+15·202	− 5	M	...
†	16·523	− 9·783	− 5	M	...
...	16·485	−36·707	0·75	...	...
S *	16·346	+10·042	1·20	45.9827	9·5
291					
...	−16·216	−25·960	− 5	M	...
...	16·141	−32·905	− 5	...	...
...	16·129	− 9·654	− 5	M	...
...	16·104	− 9·515	− 5	M	...
...	15·876	−34·050	− 4	...	...
...	−15·743	−14·262	− 5	...	...
...	15·705	−25·806	0·70	...	...
...	15·639	−45·243	0·75	...	...
...	15·507	−29·403	− 5	...	...
...	15·231	+48·776	− 4	...	...
301					
...	−15·201	+ 7·164	− 5	M	...
†	15·137	−26·469	0·70	...	...
†	15·121	+19·232	0·90	...	...
...	15·021	+11·545	− 5	...	...
...	14·601	−32·094	0·70	...	...
...	−14·544	−54·903	− 4	...	...
...	14·342	−33·175	− 4	...	...
...	14·306	−32·775	− 5	M	...
...	14·305	−10·144	− 5	M	...
*	14·278	+45·594	1·00	45.9828	10·3
311					
...	−14·224	−31·535	− 5	...	...
...	14·083	+17·672	0·70	...	...
...	14·011	+ 6·920	− 5	M	...
...	13·929	−49·104	− 5	M	...
...	13·712	− 7·301	− 4	...	...
...	−13·617	−57·591	− 4	...	...
...	13·544	+33·456	0·70	M	...
...	13·517	− 8·214	− 5	...	...
...	13·454	−12·118	0·70	...	...
†	13·376	+40·122	0·70	...	...
321					
...	−13·056	−56·722	− 4	...	...
...	12·926	+28·871	0·70	...	...
...	12·717	−27·350	− 5	M	...
...	12·661	+50·304	− 5	M	...
...	12·417	− 4·150	− 5	M	...
...	−11·450	− 7·897	− 4	...	...
...	11·291	−41·494	− 4	...	...
...	11·290	+50·506	0·90	...	...
...	10·968	−16·486	− 5	...	...
*	10·746	+48·892	1·00	45.9829	10·3
331–390					
331	′	′		°	
...	−10·539	−22·466	0·70	...	...
...	10·491	+56·799	− 1	...	...
...	10·467	+37·396	− 5	M	...
...	10·239	−48·653	− 4	...	...
†	10·071	−29·548	− 4	...	...
†	−10·042	+15·820	− 3	M	...
...	9·899	−15·496	− 5	M	...
...	9·795	+45·534	0·70	...	...
...	9·653	−36·954	− 5	M	...
...	9·629	+35·914	− 1	B	...
341					
...	− 9·478	−48·310	− 4	...	...
...	9·337	+31·133	− 2	M	...
...	9·051	+ 5·001	− 4	M	...
...	8·960	−30·154	0·80	...	...
...	8·932	−47·312	0·70	...	...
...	− 8·885	+ 5·668	0·70	...	...
...	8·878	+54·143	0·70	...	...
...	8·583	+24·952	0·70	...	...
...	8·347	+12·686	− 5	M	...
...	8·172	−47·918	− 2	...	...
351					
*	− 8·029	−13·041	1·25	46.9845	9·8
...	7·956	−45·732	− 3	...	...
...	7·662	− 7·606	− 3	*m*	...
...	7·585	+33·732	− 3	M	...
...	7·418	+ 9·312	− 4	M	...
...	− 6·997	−50·841	− 5	M *m*	...
...	6·314	+13·605	− 5	M *m*	...
...	6·140	+30·366	− 1	*m*	...
...	5·974	+14·758	− 5	M *m*	...
...	5·729	+ 4·949	− 5	M *m*	...
361					
...	− 5·607	+17·884	0·70	...	...
...	5·599	+22·917	0·75	...	...
...	4·865	−18·005	0·70	...	...
...	4·745	+45·264	− 5	M *m*	...
...	4·602	+42·693	0·70	...	...
...	− 4·573	+54·344	− 5	M *m*	...
*	4·402	+ 7·493	1·30	45.9830	10·0
...	4·252	−28·385	− 3	...	...
...	4·248	−15·295	0·70	...	...
...	4·191	−43·560	0·90	...	...
371					
...	− 4·126	− 1·361	− 1	A *m*	...
...	4·100	− 6·342	0·80	...	...
...	4·081	+ 1·767	0·80	...	...
...	3·876	−42·830	− 4	...	...
...	3·747	+37·621	− 4	M *m*	...
...	− 3·503	+55·908	− 5	M *m*	...
...	3·501	+20·045	− 4	M *m*	...
...	3·191	+50·498	− 5	M *m*	...
...	3·099	+46·724	− 5	M *m*	...
*	3·073	− 3·212	1·35	46.9846	9·4
381					
...	− 3·039	−30·167	− 1	...	...
...	2·967	+19·566	− 3	M *m*	...
...	2·927	+10·639	− 4	M *m*	...
...	2·636	+14·820	0·70	*m*	...
...	2·256	+48·321	− 3	M *m*	...
...	− 1·990	−38·537	− 5	M *m*	...
...	1·955	−13·936	− 5	M *m*	...
‡	1·922	− 4·806	1·80	46.9847	8·5
...	1·735	+46·476	− 5	M *m*	...
...	1·665	−58·344	− 2	...	...
391–450					
391	′	′		°	
...	− 1·570	+52·250	− 3	*m*	...
S *	1·526	−51·320	1·40	46.9848	8·6
...	1·404	+22·029	− 2	M *m*	...
...	1·133	+43·148	− 4	M *m*	...
...	1·011	+50·970	− 4	M *m*	...
...	− 0·609	−45·595	0·80	...	...
...	0·329	−11·452	0·65	...	...
†	0·140	− 1·513	0·70	...	...
†	− 0·016	+41·200	− 5	M *m*	...
...	+ 0·073	−39·086	− 5	M *m*	...
401					
...	+ 0·115	−49·935	− 5	M *m*	...
...	0·947	+39·035	0·70	...	...
...	1·558	+46·544	− 5	M *m*	...
...	1·817	−20·393	− 3	...	...
...	2·249	−40·454	− 5	...	...
...	+ 2·838	−25·004	− 2	...	...
*	3·197	−49·335	1·40	46.9849	8·9
...	3·345	−32·055	− 5	M *m*	...
...	3·456	−44·231	− 5	M	...
...	3·496	+54·494	− 4	M	...
411					
...	+ 3·528	−16·710	− 4	...	...
...	3·870	+36·556	0·70	...	...
...	3·930	+28·930	− 2	M	...
...	4·070	+19·425	− 5	M *m*	...
...	4·109	−19·559	− 5	M *m*	...
...	+ 4·124	+40·680	− 5	M *m*	...
...	4·381	−54·856	− 1	...	...
*	4·461	+53·247	1·00	45.9831	10·3
...	4·477	+53·941	− 4	...	...
...	4·524	−57·183	− 5	M	...
421					
...	+ 4·525	−37·454	− 5	M *m*	...
†	4·577	−49·746	− 2	...	...
†	4·951	+ 6·113	− 5	M *m*	...
...	4·982	+15·679	− 2	M *m*	...
...	5·734	+34·587	− 2	M	...
...	+ 5·957	+37·636	− 5	M *m*	...
...	6·073	+ 7·585	− 5	M *m*	...
...	6·113	+29·574	− 5	M *m*	...
S *	6·247	− 5·539	2·00	46.9850	8·3
...	6·275	−20·764	− 5	M *m*	...
431					
...	+ 6·326	+19·931	0·90	...	...
*	6·759	+50·191	1·00	...	...
...	6·833	−27·639	0·70	...	...
...	7·432	+28·460	0·70	...	...
...	7·518	−18·766	0·70	...	...
...	+ 7·718	−49·114	− 3	...	...
†	7·915	+ 0·163	− 2	*m*	...
...	8·195	+56·539	− 5	*m*	...
...	8·458	+16·713	− 5	*m*	...
...	8·686	−41·069	0·70	...	...
441					
...	+ 8·884	+41·984	− 5	*m*	...
...	9·109	+23·375	− 5	*m*	...
...	9·119	−38·399	− 4	...	...
...	9·336	+ 8·682	− 5	*m*	...
...	9·520	−28·160	0·80	...	...
...	+ 9·756	−46·863	− 5	*m*	...
*	9·939	−10·186	1·05	46.9851	9·8
...	10·155	−15·402	− 5	*m*	...
...	10·222	+44·111	− 4	*m*	...
...	10·239	+56·865	− 2	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	0·65.	No.	Mag.
451–510					
451	′	′		°	
...	+10·240	+51·543	− 5	m	...
...	10·314	−35·534	− 5	m	...
...	10·325	−51·455	− 4	...	...
...	10·526	−53·571	− 5	m	...
...	10·539	− 7·304	− 2	...	...
...	+10·763	−53·618	− 4	...	...
*	11·061	−32·203	1·00	...	...
...	11·226	−43·959	− 3	...	...
*	11·408	+21·379	1·35	45.9832	9·2
*	11·637	−17·953	1·00	...	...
461					
...	+11·732	+22·526	− 4	m	...
...	11·919	−30·465	− 4	m	...
...	11·990	+ 4·534	− 3	m	...
...	12·562	+45·000	− 4	m	...
...	12·916	−47·987	− 5	m	...
...	+13·097	−12·079	− 3	...	...
...	13·145	−47·809	− 4	...	...
...	13·276	+29·168	− 5	m	...
*	13·326	−50·809	1·25	46.9852	10·0
...	13·598	+14·836	− 1	...	...
471					
...	+13·826	−40·370	− 5	m	...
...	13·851	−38·287	1·00	46.9853	10·3
...	13·852	+46·236	− 5	m	...
...	13·869	+41·021	0·80	...	...
...	13·986	−40·470	− 5	m	...
...	+13·998	− 2·495	− 3	...	...
...	14·088	−35·625	− 4	m	...
...	14·270	+ 5·814	− 1	b	...
...	14·305	−36·822	− 5	m	...
...	14·415	−32·010	− 3	...	...
481					
...	+14·624	+56·221	− 4	m	...
†	14·846	+46·836	− 3	...	...
...	15·339	+59·708	− 5	m	...
...	15·344	−54·095	− 5	m	...
...	15·616	−23·112	− 5	...	...
...	+15·711	+23·365	− 5	m	...
...	15·768	+42·423	− 5	m	...
...	15·845	−41·211	− 5	m	...
...	15·877	+43·240	− 4	m	...
*	16·057	+32·652	1·00	45.9833	10·2
491					
...	+16·312	−36·360	0·70	...	...
...	16·376	+24·906	− 5	m	...
*	16·611	+ 7·370	1·00	45.9834	10·2
...	16·810	−55·591	− 4	m	...
...	16·865	+21·153	− 5	m	...
...	+17·527	+17·913	− 5	m	...
...	17·701	−57·924	− 5	m	...
...	17·825	+39·057	− 3	m	...
...	17·958	+35·927	− 4	m	...
...	17·982	+45·484	− 3	m	...
501					
...	+18·015	+43·885	0·90	...	...
...	18·016	+57·162	− 4	m	...
...	18·022	−16·498	− 5	m	...
...	18·026	−38·105	− 4	...	...
...	18·045	−30·238	0·65	...	...
...	+18·122	−39·572	− 4	m	...
*	18·274	−38·160	1·10	46.9854	9·6
...	18·588	−35·488	− 5	m	...
S*	18·672	−21·519	3·00	46.9855	7·5
...	18·763	−23·037	− 5	m	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	0·65.	No.	Mag.
511–570					
511	′	′		°	
*	+18·894	+38·503	1·10	45.9835	10·2
...	18·983	−17·649	− 4	...	...
...	19·528	+24·833	− 4	m	...
...	20·468	−17·484	− 5	...	...
...	20·508	+27·999	− 4	m	...
...	+20·582	−47·017	0·90	...	...
...	21·255	−23·318	0·90	...	...
...	21·446	+12·284	− 5	m	...
...	21·593	+46·568	− 5	m	...
...	22·027	+ 6·973	0·90	...	...
521					
...	+22·213	−21·583	− 5	m	...
...	22·363	+36·949	− 5	m	...
...	22·480	+47·974	− 5	m	...
...	22·490	+46·636	− 2	...	...
...	22·724	+36·760	− 2	m	...
...	+23·189	+ 7·485	− 5	m	...
...	23·234	− 2·504	− 5	...	...
...	23·356	− 6·021	0·90	...	...
...	23·542	− 0·276	− 5	m	...
...	23·575	+45·237	− 5	m	...
531					
...	+23·589	−12·404	− 4	...	...
...	23·627	−10·032	− 4	...	...
...	24·039	−38·324	− 3	...	...
*	24·387	−28·049	1·20	46.9856	9·5
...	24·449	− 9·209	0·70	...	...
...	+24·482	+23·843	0·70	...	...
...	24·748	+46·396	− 2	...	...
†	24·863	− 8·789	0·95	46.9857	10·3
...	25·040	+46·259	− 5	m	...
...	25·186	+25·888	0·70	...	...
541					
...	+25·327	−27·524	− 4	...	...
...	25·484	−24·498	− 5	m	...
...	25·525	−12·044	0·70	...	...
...	25·564	+40·796	− 5	m	...
*	25·648	− 7·812	1·00	46.9858	10·3
...	+25·662	−57·314	− 4	...	...
...	25·748	−42·665	− 2	...	...
...	25·759	+43·638	− 5	m	...
...	26·484	+54·011	− 5	m	...
...	26·648	+59·820	− 1	...	...
551					
...	+27·618	+ 6·148	− 5	m	...
*	27·627	−58·816	1·10	47.9407	9·5
...	27·736	+39·019	− 5	m	...
...	28·113	−48·676	− 5	...	...
*	28·119	+36·658	1·00	45.9837	10·3
*	+28·315	− 8·432	1·00	46.9859	10·2
...	28·510	+ 2·679	0·90	...	...
...	28·510	−11·966	− 5	m	...
...	28·752	+16·222	0·70	...	...
...	29·044	− 8·969	0·70	...	...
561					
...	+29·070	+29·207	− 4	...	...
...	30·002	−28·425	− 5	m	...
...	30·132	− 7·519	− 5	m	...
...	30·205	−42·409	− 3	...	...
...	30·346	+13·918	− 5	m	...
...	+30·459	−30·191	− 3	...	...
...	30·629	−20·688	− 2	...	...
...	30·988	+ 1·726	− 5	m	...
...	31·088	−38·431	− 1	...	...
...	31·268	−21·571	− 3	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	0·65.	No.	Mag.
571–630					
571	′	′		°	
...	+31·439	+26·505	− 4	m	...
*	31·464	+14·358	1·40	45.9838	9·5
*	31·706	−28·708	1·00	46.9860	10·3
...	31·896	−59·100	− 4	...	...
...	31·967	+29·330	− 4	m	...
...	+31·971	−33·706	− 5	m	...
...	31·988	− 7·820	0·80	...	...
...	32·046	−56·169	− 4	...	...
...	32·258	+ 0·664	0·90	...	...
...	32·404	+49·030	− 4	m	...
581					
...	+32·928	−52·340	− 5	m	...
...	33·393	−12·237	− 5	m	...
...	33·932	− 6·591	− 4	m	...
...	33·983	−38·421	− 3	...	...
...	34·104	−11·859	− 5	m	...
...	+34·202	−37·833	0·85	...	...
...	34·359	− 3·116	0·70	...	...
...	34·397	−35·183	− 5	m	...
...	34·557	+ 1·764	0·70	...	...
‡	34·754	+21·193	1·00	...	...
591					
...	+35·332	+37·276	− 3	m	...
*	35·562	+30·394	1·00	45.9840	10·3
...	35·630	+11·508	− 4	m	...
...	35·682	−27·376	− 3	...	...
...	35·842	+20·365	− 5	m	...
...	+35·953	+34·403	− 4	m	...
...	36·227	−54·587	− 4	m	...
*	36·729	−50·779	1·40	46.9861	9·4
...	37·139	+22·513	− 5	m	...
...	37·249	+59·550	− 5	m	...
601					
...	+37·342	+55·274	− 2	...	...
...	37·448	+38·496	− 2	m	...
...	37·585	−28·414	− 3	m	...
...	37·648	+33·656	− 5	m	...
...	37·756	−30·953	− 4	m	...
...	+37·949	+ 2·442	− 4	m	...
...	37·980	+ 0·470	− 5	m	...
...	38·220	−10·416	− 4	m	...
...	38·303	+15·700	− 5	m	...
*	38·337	−37·867	1·35	46.9862	9·2
611					
...	+38·589	−42·905	− 2	...	...
...	38·898	+48·546	− 5	m	...
S*	39·220	+36·621	4·40	45.9841	6·3
S*	39·248	+ 1·456	2·10	46.9863	8·2
...	39·300	− 7·561	− 5	m	...
...	+39·325	+40·424	− 4	m	...
*	39·411	−29·850	1·25	46.9864	9·3
...	39·536	−30·295	− 5	m	...
†	39·806	+41·001	− 3	...	...
†	39·849	+55·327	− 5	...	...
621					
‡	+39·969	+30·160	1·10	45.9842	9·5
...	40·334	+22·841	− 4	m	...
...	40·340	− 2·631	0·90	46.9865	10·3
...	40·352	+ 7·059	0·65	a	...
...	40·671	+13·295	− 2	...	...
...	+40·891	+24·239	− 4	m	...
...	40·994	+ 5·272	− 5	m	...
...	41·078	−13·756	− 5	m	...
...	41·120	−10·805	0·70	...	...
...	41·234	+35·161	− 5	m	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·65	C.P.D. No.	C.P.D. Mag.
631–670					
631					
...	+41·266	−36·912	− 5	*m*	...
...	41·478	−24·083	0·90	...	...
...	41·480	−14·709	− 5	*m*	...
...	41·568	−48·353	1·00	46.9866	10·3
...	41·831	+41·906	− 3	...	...
...	+41·893	−16·211	0·65	...	...
...	42·035	+14·276	0·90	...	...
...	42·114	−14·073	− 5	*m*	...
...	42·214	+55·688	− 5	*m*	...
...	42·916	+39·159	− 5	*m*	...
641					
...	+43·073	−58·477	1·00	47.9412	10·3
...	43·429	− 5·256	− 5	*m*	...
...	43·646	+58·728	− 4	...	...
...	44·384	−15·508	− 5	*m*	...
*	44·449	+ 4·625	0·90	...	...
...	+44·474	+56·124	− 4	...	...
...	45·251	+43·998	− 5	*m*	...
†	45·382	+45·056	0·80	...	...
...	45·414	−26·017	− 2	...	...
...	45·432	+45·489	0·65	...	...
651					
...	+45·584	−43·153	− 5	*m*	...
...	45·809	−34·380	− 4	...	...
*	45·878	− 9·915	1·00	46.9867	10·2
...	46·259	−30·483	0·95	...	...
*	46·396	− 3·255	1·00	...	...
...	+46·805	+39·204	− 5	*m*	...
...	46·969	+25·775	− 5	*m*	...
...	47·046	+59·132	− 1	...	...
*	47·136	−27·350	1·00	...	...
...	47·190	−45·709	− 5	*m*	...
661					
...	+47·199	−31·334	− 5	*m*	...
*	47·793	−53·081	1·00	46.9868	10·3
...	47·989	−15·771	0·95	...	...
...	48·596	−14·415	− 5	*m*	...
...	48·755	+46·571	− 4	...	...
...	+48·892	+27·509	− 5	*m*	...
...	49·505	−44·268	− 5	*m*	...
...	49·567	−58·823	− 5	...	...
...	49·633	+41·499	− 5	*m*	...
‡	49·683	−51·047	1·00	46.9869	10·2
671–710					
671					
...	+49·892	− 7·401	− 3	...	...
...	49·987	− 0·156	0·90	*f*	...
...	50·045	−35·948	− 5	*m*	...
...	50·098	−56·517	− 5	...	...
*	50·321	+17·000	1·00	45.9844	10·2
...	+50·341	+ 9·052	− 5	*m*	...
...	50·428	+29·705	0·90	...	...
...	50·704	−51·375	− 5	*m*	...
...	50·899	−28·154	− 5	*m*	...
...	51·335	− 9·180	− 3	...	...
681					
...	+51·567	+47·322	− 5	*m*	...
...	51·633	+ 5·280	0·80	...	...
...	51·692	+11·183	− 5	*m*	...
...	51·740	+54·687	0·90	45.9845	10·3
...	51·781	+19·279	− 5	*m*	...
*	+51·790	−10·057	1·00	...	...
...	51·847	−47·271	0·80	...	...
...	52·235	+56·761	− 3	...	...
†	52·250	+44·966	− 4	...	...
S *	52·798	−13·360	2·00	46.9870	8·6
691					
...	+52·998	+ 1·690	− 3	*e*	...
...	53·043	+24·700	1·00	...	...
*	53·071	+33·736	1·40	45.9846	9·5
...	53·078	− 4·561	− 3	...	...
...	53·135	−33·461	0·90	...	...
*	+53·179	− 9·284	1·10	46.9871	10·0
...	53·200	− 4·712	0·65	...	...
...	53·371	−16·869	0·65	...	...
*	54·099	−10·993	1·30	46.9872	9·3
...	54·270	−56·580	− 5	...	...
701					
...	+54·281	+39·176	− 5	*m*	...
...	54·333	+42·954	− 4	*e*	...
...	54·464	+41·660	− 5	*m*	...
...	54·934	+21·565	− 4	*e*	...
...	54·936	+39·804	0·80	...	...
...	+55·099	−58·036	− 4	...	...
...	55·251	−17·823	− 5	*m*	...
*	55·360	−25·333	1·00	46.9873	10·2
*	56·316	−32·651	1·15	46.9874	10·2
...	56·336	+27·043	− 5	...	...
711–735					
711					
...	+56·415	+57·253	− 5	*m*	...
...	56·461	+ 6·731	− 4	*e*	...
...	56·474	+14·241	− 5	*m*	...
...	56·567	+29·426	− 5	*m*	...
...	56·709	−15·480	− 5	*m*	...
...	+56·817	+ 2·366	− 5	*m*	...
...	56·890	−45·380	− 5	*m*	...
...	56·991	−28·989	− 1	...	...
...	57·121	+42·101	− 5	...	...
...	57·250	+27·039	− 3	...	...
721					
...	+57·733	+ 3·242	− 4	*e*	...
*	58·049	−14·450	1·15	46.9875	10·2
S *	58·110	+31·140	3·00	45.9847	7·4
...	58·550	+59·750	− 5	*m*	...
...	58·719	−18·281	0·85	...	...
...	+58·742	+38·190	− 5	*m*	...
...	58·786	−23·315	0·80	...	...
...	58·888	−42·648	− 5	*m*	...
...	59·021	−28·984	− 5	...	...
...	59·091	+35·790	0·75	...	...
731					
...	+59·164	+16·362	− 5	*m*	...
...	59·245	−51·051	− 4	...	...
...	59·258	−34·095	0·95	...	...
...	59·443	+17·228	− 2	...	...
...	59·506	+35·949	0·70	...	...

−46° No. 121 D,−2 1902·53 20h 0m

I					
1–10					
...	−59·929	+ 4·390	0·90	...	...
...	59·306	−58·738	− 2	47.9412	10·3
...	59·040	+58·957	− 4	...	...
*	58·035	−10·101	1·00	46.9867	10·2
...	57·992	−26·214	− 5	...	...
...	−57·735	− 3·431	0·75	...	...
...	57·352	−34·566	− 5	...	...
...	57·018	−30·645	0·65	...	...
...	56·955	+46·446	− 5	...	...
....	56·239	−27·491	1·00	...	...
11–20					
11					
...	−55·749	−15·892	0·80	...	...
...	54·776	−53·191	− 1	46.9868	10·3
...	54·745	+29·647	− 1	...	...
*	54·451	+16·933	0·95	45.9844	10·2
...	54·255	− 0·225	0·85	F	...
...	−54·213	+54·667	− 1	45.9845	10·3
...	54·124	− 7·440	− 5	...	...
...	53·772	+56·721	− 5	...	...
...	53·396	+44·957	− 5	...	...
...	52·935	−51·087	− 1	46.9869	10·2
21–30					
21					
...	−52·820	−58·903	− 5	...	...
...	52·769	+ 5·261	0·70	...	...
...	52·622	− 9·193	− 5	...	...
*	52·219	+33·750	1·10	45.9846	9·5
*	52·131	−10·059	0·95	...	...
...	−51·958	+24·718	0·80	...	...
...	51·305	+ 1·721	− 5	E	...
...	51·252	+42·992	− 5	E	...
S *	51·006	−13·328	1·90	46.9870	8·6
...	50·904	−47·249	− 4	...	...

L measured from 1, 75, 162, 229, 310, 394.
C ,, ,, 35, 124, 198, 272, 352, 424.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
31–90					
31	′	′		°	
…	−50·891	− 4·671	− 3	…	…
*	50·768	− 9·246	1·00	46.9871	10·0
†	50·562	+39·852	− 1	…	…
…	50·343	−16·816	− 4	…	…
…	50·042	−33·406	0·75	…	…
…	−50·003	+21·637	− 4	E	…
*	49·789	−10·911	1·30	46.9872	9·3
…	48·751	+27·162	0·80	…	…
…	48·458	+42·232	− 4	…	…
*	48·097	−25·219	1·00	46.9873	10·2
41					
…	−47·994	+ 6·866	− 5	E	…
…	47·833	+27·187	− 4	…	…
…	47·330	−57·919	− 5	…	…
S *	47·076	+31·320	2·80	45.9847	7·4
*	46·915	−32·503	1·05	46.9874	10·2
…	−46·618	+ 3·410	− 5	E	…
…	46·345	−28·814	− 3	…	…
…	46·263	+35·990	− 1	…	…
…	45·857	+36·162	− 1	…	…
*	45·731	−14·256	1·00	46.9875	10·2
51					
…	−45·350	+17·454	− 3	…	…
…	45·309	+38·289	− 5	…	…
…	44·952	−18·054	0·75	…	…
…	44·831	+51·066	− 5	…	…
…	44·803	+29·502	− 4	…	…
…	−44·720	−23·090	− 1	…	…
…	44·306	−28·737	− 5	…	…
…	43·922	−33·839	0·95	…	…
…	43·398	−50·789	− 4	…	…
…	43·025	−16·363	0·65	…	…
61					
*	−43·006	+52·226	1·40	45.9848	9·2
S *	42·223	−42·612	1·40	46.9876	8·9
…	41·826	+18·977	0·70	…	…
…	41·629	−11·932	0·70	…	…
…	41·574	− 7·415	− 4	…	…
…	−41·287	− 6·603	− 5	M	…
*	41·266	−10·079	1·00	46.9877	10·2
…	40·786	+37·405	− 4	M	…
…	40·781	−11·832	− 3	…	…
…	40·763	−10·321	0·65	…	…
71					
…	−40·639	−32·913	− 5	…	…
…	40·624	+30·416	− 2	…	…
…	40·571	−24·357	− 4	…	…
…	40·451	+55·932	0·65	…	…
…	39·770	+38·569	− 2	…	…
*	−39·327	+ 7·247	1·00	45.9849	9·6
…	39·026	−23·901	− 3	…	…
…	39·005	+18·176	0·90	…	…
…	38·928	−56·305	− 1	…	…
*	38·497	+50·395	1·30	45.9850	8·9
81					
†	−38·487	−30·013	− 4	…	…
…	38·239	+57·487	− 1	45.9851	10·3
…	37·977	+32·028	− 3	…	…
…	37·621	+29·030	0·70	…	…
…	37·548	−40·662	0·70	…	…
…	−37·507	− 6·356	− 4	…	…
…	37·167	+15·378	0·90	…	…
…	37·148	−51·317	1·00	46.9878	10·3
…	37·031	−20·112	− 5	…	…
…	37·023	−31·025	− 5	…	…
91–150					
91	′	′		°	
…	−36·941	− 9·572	− 4	…	…
…	36·410	−28·804	− 5	…	…
*	35·953	−23·700	1·20	46.9879	9·0
…	35·775	+45·474	− 3	…	…
…	35·427	−33·319	− 4	…	…
…	−35·325	− 4·191	− 5	M	…
…	35·315	−34·631	− 4	…	…
†	35·226	− 9·678	− 4	…	…
…	34·763	−37·948	− 3	…	…
*	34·752	−25·602	1·00	46.9880	10·0
101					
…	−34·644	−20·490	− 5	M	…
…	34·348	+ 1·684	− 5	M	…
…	34·032	−16·123	0·70	…	…
*	33·757	+16·563	1·00	45.9852	9·8
…	33·554	+ 0·626	0·70	…	…
…	−33·228	−27·562	− 5	…	…
*	32·310	+58·665	1·00	45.9853	10·2
†	32·265	+ 9·917	− 5	M	…
…	32·195	−14·528	− 5	…	…
…	32·043	− 9·077	0·70	…	…
111					
…	−31·792	−10·687	− 5	…	…
*	31·714	− 4·587	1·00	46.9881	9·6
…	31·704	+42·592	− 5	M	…
…	31·683	− 4·125	0·95	46.9882	9·8
…	31·606	+ 2·686	− 5	M	…
…	−31·252	−11·917	0·75	…	…
…	31·111	+44·155	1·00	45.9854	10·2
…	31·100	−23·870	0·85	46.9883	10·3
…	30·729	−59·692	− 5	M	…
*	30·520	−51·199	1·00	46.9884	10·0
121					
…	−30·377	−28·188	− 5	…	…
…	30·371	+23·147	0·80	…	…
†	30·258	+15·922	− 4	M	…
…	29·992	−48·667	0·80	…	…
…	29·892	−23·264	− 3	…	…
…	−29·535	+ 3·899	− 5	M	…
…	29·259	−43·351	− 5	M	…
…	29·086	+55·514	− 3	…	…
†	29·022	+ 9·929	− 3	…	…
…	28·621	+10·086	− 5	M	…
131					
*	−28·508	+37·523	1·00	45.9855	10·2
*	28·286	+44·422	1·00	45.9856	10·3
*	28·047	+41·068	1·40	45.9857	8·9
*	27·687	−12·867	1·10	46.9886	9·6
…	27·675	−32·280	− 5	…	…
*	−27·220	−51·549	0·90	46.9885	10·3
…	27·109	−58·784	− 5	…	…
S *	27·058	+46·262	2·40	45.9859	7·9
…	27·010	+30·093	0·95	45.9858	10·0
†	26·858	−54·877	− 3	…	…
141					
…	−26·763	−31·006	− 5	M	…
…	26·131	+13·794	− 4	M	…
…	25·915	+58·310	0·70	…	…
*	25·873	−18·788	1·00	46.9887	10·0
…	25·557	−44·479	− 5	M	…
*	−25·418	+58·318	1·35	45.9860	9·5
…	24·877	+ 8·983	0·65	…	…
…	23·827	+42·574	− 5	M	…
…	23·225	+ 5·528	− 5	M	…
…	23·186	−45·706	− 5	…	…
151–210					
151	′	′		°	
…	−22·677	+28·650	− 5	M	…
*	22·493	−15·785	1·35	46.9888	9·2
…	22·223	+40·761	− 4	M	…
…	21·535	−11·311	0·75	…	…
…	21·263	+13·174	− 2	…	…
…	−21·261	+34·469	− 5	M	…
…	20·833	+35·427	− 2	…	…
S *	20·655	−22·770	2·60	46.9889	7·9
…	20·408	− 2·133	0·70	…	…
…	20·314	+59·656	− 1	…	…
161					
…	−20·301	+42·906	0·70	…	…
…	19·896	+ 5·840	− 3	M	…
…	19·778	+11·720	− 5	M	…
…	18·985	+22·184	− 4	…	…
…	18·613	+45·995	0·70	…	…
…	−18·482	−56·290	− 5	…	…
…	18·460	+25·668	− 5	…	…
*	18·399	+59·415	1·05	45.9862	10·0
…	18·388	−51·690	− 5	M	…
…	18·306	+22·103	− 4	M	…
171					
…	−18·216	−23·198	0·90	46.9890	10·3
…	17·824	−28·628	− 5	M	…
…	17·779	−15·612	− 5	…	…
…	17·774	+58·251	− 5	M	…
…	17·446	−50·471	1·00	46.9891	10·3
…	−17·275	+10·755	− 5	M	…
…	17·025	−34·692	− 5	M	…
…	16·704	+47·136	− 5	M	…
…	15·530	−56·231	− 1	…	…
†	15·174	− 9·448	0·70	…	…
181					
…	−15·135	−59·024	− 1	…	…
…	14·959	−34·229	− 3	…	…
*	14·195	+18·952	1·00	45.9863	10·0
…	13·814	−28·793	0·70	…	…
*	13·617	−54·264	1·00	46.9892	10·0
…	−13·293	+26·187	− 5	M	…
…	13·230	−54·438	− 5	…	…
*	13·215	+13·883	1·00	45.9864	9·8
…	12·984	+53·068	0·80	…	…
…	12·910	+16·397	− 5	…	…
191					
*	−11·710	−47·121	1·00	46.9893	10·0
…	11·461	+39·394	− 5	M	…
…	11·253	− 0·414	− 5	…	…
…	10·819	+25·868	0·95	45.9865	10·2
…	10·639	− 4·350	− 5	…	…
…	−10·552	− 1·851	− 5	…	…
S *	10·508	+44·167	2·05	45.9866	8·1
…	9·874	−30·684	0·70	…	…
…	9·464	+47·718	− 5	M	…
…	8·834	+25·729	− 4	…	…
201					
*	− 8·803	−11·235	1·25	46.9894	9·4
…	8·754	− 1·962	− 5	…	…
…	8·753	+50·521	0·70	…	…
…	8·290	+52·168	0·85	…	…
…	8·263	+42·622	0·90	…	…
…	− 8·045	+28·441	− 3	…	…
*	7·462	−21·125	1·15	46.9895	9·6
…	7·189	−33·729	− 4	…	…
…	6·925	−23·726	− 3	…	…
…	6·225	+ 4·283	− 5	M *m*	…

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
211–270					
211					
*	− 6·033	−41·867	1·35	46.9896	9·5
...	6·024	− 2·492	− 3	...	...
*	5·417	+38·237	1·00	45.9867	10·2
...	5·376	−11·558	0·90	...	...
...	5·086	−22·520	− 5	*m*	...
...	− 4·783	−22·274	− 4	...	...
*	4·637	−53·263	1·20	46.9897	10·0
...	4·592	+13·197	0·70	...	...
*	4·049	− 6·282	1·40	46.9898	8·8
...	4·046	−28·912	− 5	...	...
221					
...	− 3·909	+47·567	− 5	M *m*	...
...	3·866	+26·159	− 3	*m*	...
...	2·893	+49·173	0·95	45.9869	10·3
...	2·683	+25·749	− 5	M *m*	...
...	2·429	−53·928	0·90	...	...
*	− 1·380	+54·992	1·00	45.9870	10·3
...	0·691	+32·076	0·70	...	...
...	− 0·422	+ 2·207	− 3	B *m*	...
†	+ 0·260	+ 9·909	− 5	...	...
...	0·293	−12·916	− 5	M	...
231					
...	+ 0·351	− 1·088	− 5	...	...
...	0·372	−30·116	0·75	...	...
*	0·463	+ 9·789	1·00	45.9871	9·6
...	0·668	− 8·128	− 5	...	...
...	0·682	− 6·627	0·65	...	...
...	+ 1·138	− 9·482	− 4	...	...
*	1·475	−14·711	0·95	46.9899	10·2
...	1·689	−43·669	0·70	...	...
...	1·871	+48·959	− 4	...	...
...	2·399	−16·717	− 5	...	...
241					
...	+ 2·408	+50·988	− 5	M	...
...	3·158	+55·904	− 5	...	...
...	3·401	− 1·402	0·65	...	...
...	3·426	+52·242	− 1	...	...
...	4·183	+21·595	0·70	...	...
*	+ 4·194	+ 7·676	1·00	45.9872	9·6
...	4·334	+47·941	− 5	M *m*	...
...	4·795	−50·828	− 5	...	...
...	5·122	−20·673	0·70	...	...
...	5·469	−29·354	− 5	...	...
251					
...	+ 5·595	+10·867	− 5	M *m*	...
...	5·781	− 3·986	− 5	...	...
...	6·060	−43·319	− 3	...	...
...	6·204	+58·981	− 4	...	...
†	6·456	− 4·972	− 5	M	...
*	+ 6·689	−20·722	1·00	46.9900	10·2
...	6·833	−26·973	− 5	...	...
...	6·986	+41·628	− 5	M *m*	...
*	7·100	+13·066	1·00	45.9873	10·2
...	7·346	+13·720	− 5	M *m*	...
261					
*	+ 7·390	+20·570	1·00	45.9874	10·0
...	7·425	+56·332	− 4	...	...
...	7·606	+14·580	− 4	M	...
...	7·665	+42·813	− 2	...	...
...	8·029	+ 1·076	− 5	M *m*	...
...	+ 8·513	+17·560	− 5	*m*	...
...	8·804	+39·207	− 3	...	...
...	8·898	+ 5·289	− 5	*m*	...
...	9·209	−34·690	− 4	...	...
...	9·555	−23·530	− 5	...	...
271–330					
271					
†	+ 9·645	+12·630	0·65	...	...
...	9·810	− 6·244	− 4	...	...
...	9·986	− 6·324	− 5	...	...
...	10·150	+42·820	− 5	*m*	...
...	10·398	+37·031	− 3	*a*	...
...	+10·508	−43·024	0·90	...	...
...	10·580	+35·357	− 2	...	...
S *	10·708	+ 5·962	1·50	45.9875	8·9
...	11·047	−29·312	0·85	...	...
...	11·360	+54·044	− 4	...	...
281					
...	+11·801	+59·005	− 3	...	...
...	11·861	−34·782	− 4	...	...
*	11·981	+20·842	1·00	45.9876	10·2
...	12·221	+35·066	0·90	...	...
...	12·288	−39·218	− 5	...	...
...	+12·380	−20·445	− 3	...	...
...	12·399	+ 2·068	0·75	...	...
*	12·502	+11·470	1·00	45.9877	10·2
*	12·645	−57·049	1·60	47.9438	8·9
*	12·990	−37·313	1·40	46.9901	9·0
291					
...	+13·184	−16·421	− 5	...	...
...	13·972	−44·424	1·00	...	...
...	14·270	+46·821	− 4	*m*	...
*	14·455	−52·521	1·05	46.9902	10·3
...	14·489	+28·435	0·70	...	...
*	+14·893	− 4·894	1·30	46.9903	9·3
S *	15·429	−35·322	2·20	46.9904	8·3
...	15·617	− 6·076	− 3	...	...
*	16·496	−35·565	1·30	46.9905	9·0
*	16·734	−23·851	1·20	46.9906	9·5
301					
...	+17·464	−50·850	− 4	...	...
*	17·571	+16·880	1·40	45.9879	8·9
...	17·887	−50·461	− 5	...	...
...	17·926	−37·424	− 3	...	...
†	18·487	+39·803	0·75	...	...
...	+18·718	−58·613	− 4	*m*	...
...	19·093	+58·868	− 5	*m*	...
...	19·236	−56·680	− 5	...	...
...	19·246	−31·759	0·70	...	...
*	19·872	−38·828	0·90	...	...
311					
...	+20·327	+24·372	− 4	...	...
...	20·391	−10·649	0·70	...	...
S *	21·198	+50·832	1·35	45.9880	9·0
...	21·366	−52·551	− 2	...	...
...	22·422	+15·660	0·75	...	...
...	+22·653	+36·258	0·65	...	...
...	22·730	+48·589	− 4	...	...
...	23·934	−41·804	0·70	...	...
... [	23·961	−58·893	1·00	47.9448	10·0
... [	24·018	−58·962	− 3	...	...
321					
...	+24·258	+ 7·780	− 5	*m*	...
...	24·289	+44·063	− 5	*m*	...
...	24·332	−45·545	0·65	...	...
...	24·456	+ 2·759	− 5	*m*	...
...	24·499	+48·105	− 5	*m*	...
*	+24·585	−17·067	1·15	46.9907	9·2
...	24·881	−16·074	− 5	...	...
...	25·401	+37·318	− 4	...	...
...	25·410	+30·311	− 5	*m*	...
...	25·605	− 2·941	− 3	...	...
331–390					
331					
...	+25·652	−41·327	− 5	...	...
...	25·717	+10·939	− 5	*m*	...
‡	25·770	−25·064	0·90	...	...
...	25·970	+30·113	− 5	*m*	...
...	26·011	−51·795	1·00	...	...
...	+26·174	−26·423	− 5	...	...
...	26·687	−50·591	− 5	...	...
...	26·754	−56·782	− 4	...	...
*	26·956	+46·582	0·95	45.9881	10·3
...	27·387	+38·918	0·85	...	...
341					
...	+27·659	−33·489	0·70	...	...
*	27·726	−57·749	1·40	47.9449	9·5
...	27·780	−24·290	− 5	...	...
*	27·803	+57·555	1·10	45.9882	9·6
S *	27·892	+20·457	2·05	45.9883	8·3
...	+28·294	−28·013	0·95	...	...
*	28·296	+20·301	1·20	45.9884	8·8
...	28·597	+24·981	0·70	...	...
...	28·697	+28·562	− 3	...	...
*	29·248	−17·395	1·20	46.9908	9·4
351					
...	+29·271	+ 4·771	− 5	*m*	...
...	29·811	+33·456	− 3	...	...
...	30·059	+45·877	− 2	...	...
...	30·170	+24·023	− 3	...	...
...	30·600	−28·618	0·75	...	...
...	+30·606	+14·166	− 4	...	...
...	30·674	− 6·698	− 3	...	...
...	30·715	+18·230	− 2	...	...
...	31·086	+10·618	− 4	*m*	...
...	31·858	+35·954	− 3	...	...
361					
*	+32·210	−25·383	1·15	46.9909	10·0
...	32·234	− 7·505	− 5	...	...
...	32·479	+53·044	− 4	*m*	...
*	32·479	+ 6·512	1·20	45.9885	9·6
...	32·507	−34·449	0·90	...	...
...	+32·653	+37·340	− 4	...	...
...	32·709	− 3·590	0·85	46.9910	10·3
*	32·922	+19·995	1·35	45.9886	8·9
‡	33·350	−49·895	1·20	46.9911	10·0
...	34·001	−43·325	0·85	...	...
371					
...	+34·188	− 5·646	0·95	46.9912	10·3
...	34·488	+ 2·945	− 3	*a*	...
†	34·647	+ 3·783	− 3	...	...
...	35·147	+38·719	0·70	...	...
...	35·409	+32·279	− 4	*m*	...
...	+35·540	−29·787	− 3	...	...
‡	35·809	−30·041	1·40	46.9913	8·9
*	36·640	+17·247	1·20	45.9887	9·6
...	36·667	− 2·562	− 4	...	...
*	36·672	−13·740	1·00	46.9914	10·3
381					
...	+36·749	+43·320	− 3	...	...
...	37·342	+44·726	− 5	*m*	...
...	37·673	−42·199	− 5	...	...
...	37·802	+ 2·599	− 4	...	...
...	38·253	− 7·767	− 5	...	...
...	+38·358	− 2·647	− 4	...	...
...	38·551	−56·391	1·00	...	...
*	38·578	−46·398	1·40	46.9915	9·5
...	38·686	− 4·698	− 5	...	...
...	39·016	−46·560	0·65	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
391–420					
391	′	′		°	
...	+39·101	+ 0·848	− 3	...	...
...	39·119	− 9·589	− 4	...	...
...	39·299	−37·433	− 1	...	...
*	40·048	− 9·282	1·00	46.9916	9·6
...	40·225	−33·448	− 1	...	...
...	+40·306	+40·561	− 3	...	...
...	40·508	−34·168	− 1	...	...
...	40·734	+10·274	− 2	...	...
...	41·028	+52·867	− 1	...	...
N	41·710	+22·934	0·80	...	...
401					
N	+41·763	+22·944	0·65	...	...
*	42·620	+ 5·376	1·00	45.9888	10·2
...	42·647	−24·082	− 3	...	...
...	42·843	−16·502	0·85	...	...
...	42·907	−45·354	− 4	...	...
...	+43·983	+ 7·742	− 5	*m*	...
...	44·075	− 1·381	0·70	...	...
...	44·404	−23·276	− 3	...	...
...	44·757	−15·121	− 5	...	...
...	45·022	−50·735	− 3	...	...
411					
...	+45·157	+39·575	− 3	...	...
...	45·825	− 1·770	− 5	...	...
...	46·008	− 3·697	− 5	...	...
...	46·718	−50·607	− 2	46.9917	10·3
...	46·968	−23·096	− 4	...	...
*	+47·068	−52·601	1·25	46.9918	9·5
...	47·119	+39·645	− 3	...	...
†	47·661	+49·872	− 5	...	...
...	47·765	−53·818	− 2	...	...
...	47·850	+49·331	− 4	...	...
421–450					
421	′	′		°	
...	+47·896	+ 2·417	− 4	*e*	...
...	48·385	+ 0·980	− 4	*e*	...
...	48·701	−47·599	− 5	...	...
*	50·134	−39·200	1·20	46.9919	10·0
...	50·515	+29·575	− 5	*m*	...
*	+51·133	+19·527	1·35	45.9889	9·0
...	51·203	+25·446	0·70	...	...
‡	51·479	−20·026	1·10	46.9920	9·5
...	51·828	−12·099	1·00	...	...
...	51·833	−33·478	0·75	...	...
431					
*	+51·854	+44·356	1·05	45.9890	10·2
...	52·552	−56·208	− 5	...	...
...	52·561	+13·040	− 5	*e*	...
...	52·591	+12·886	− 5	*m*	...
...	53·077	+35·679	− 3	...	...
...	+53·158	−10·638	− 3	...	...
...	53·305	−49·046	− 2	...	...
...	53·490	+27·817	1·00	45.9891	10·3
...	53·837	+14·141	− 5	*e*	...
...	54·106	−27·938	− 2	...	...
441					
...	+54·142	− 1·967	0·75	...	...
*	54·303	+50·754	1·20	45.9892	9·6
S *	54·467	−28·257	1·80	46.9921	8·6
...	55·251	+37·788	− 5	*e*	...
...	55·552	+13·536	0·85	...	...
...	+55·630	−52·128	0·90	46.9923	10·3
*	55·648	− 7·736	1·25	46.9922	9·6
...	55·792	− 4·305	0·65	...	...
...	55·891	−29·340	0·65	...	...
S *	56·144	+50·395	1·20	45.9893	9·6
451–460					
451	′	′		°	
...	+56·416	+52·127	− 3	...	...
...	56·700	−39·399	− 5	...	...
...	57·557	−21·129	− 5	...	...
*	57·687	−12·327	1·10	46.9924	10·2
...	57·915	+15·166	− 4	*e*	...
*	+58·830	−22·164	1·30	46.9925	9·6
...	58·952	+13·341	− 5	*e*	...
*	58·976	−23·965	1·40	46.9926	9·0
...	58·980	−55·253	− 1	...	...
...	59·444	+35·168	− 4	...	...

400, 401. 45°·121, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1–20					
1	′	′		°	
...	−59·062	−23·515	− 4	...	...
...	58·986	−15·346	− 5	...	...
...	58·341	+39·467	− 4	...	...
...	58·339	− 1·976	− 5	...	...
...	58·110	+49·702	− 5	...	...
...	−58·104	− 3·899	− 4	...	...
...	57·921	+49·180	− 3	...	...
...	57·598	−50·936	− 4	...	...
...	56·529	−23·255	− 4	...	...
...	56·395	+ 2·280	− 4	E	...
11					
...	−55·915	−50·750	− 1	46.9917	10·3
...	55·867	+ 0·849	− 4	E	...
*	55·486	−52·731	1·25	46.9918	9·5
...	54·765	−53·935	− 1	...	...
...	54·028	−47·687	− 5	...	...
...	−53·832	+25·391	− 3	...	...
...	53·762	+44·322	1·00	45.9890	10·2
*	53·710	+19·481	1·35	45.9889	9·0
...	52·855	−39·260	1·00	46.9919	10·0
...	52·256	+35·672	− 3	...	...
21–40					
21	′	′		°	
*	−52·126	−20·019	1·15	46.9920	9·5
...	52·086	+13·045	− 5	E	...
...	52·015	−12·096	0·95	...	...
...	51·602	+27·836	1·00	45.9891	10·3
*	51·520	+50·783	1·20	45.9892	9·6
...	−51·351	−33·483	− 2	...	...
...	50·837	+14·186	− 5	E	...
...	50·731	−10·595	− 4	...	...
...	50·175	−33·570	− 5	...	...
...	50·153	+37·870	− 5	E	...
31					
...	−50·026	− 1·908	0·95	...	...
†	49·919	−56·157	− 5	...	...
S *	49·659	+50·473	1·15	45.9893	9·6
...	49·457	+52·227	− 4	...	...
...	49·381	−48·993	− 3	...	...
...	−49·238	−27·869	− 3	...	...
...	49·109	+13·634	0·70	...	...
‡	49·069	+60·097	1·00	45.9894	9·8
S *	48·858	−28·168	1·90	46.9921	8·6
*	48·341	− 7·625	1·10	46.9922	9·6
41–60					
41	′	′		°	
...	−48·310	− 4·193	− 2	...	...
...	47·418	−29·213	− 2	...	...
...	46·974	−51·990	1·00	46.9923	10·3
...	46·789	+15·332	− 4	E	...
...	46·703	−42·552	− 5	...	...
...	−46·623	−23·246	− 5	...	...
...	46·298	−39·248	− 5	...	...
*	46·150	−12·144	1·00	46.9924	10·2
...	46·014	−20·950	− 5	...	...
...	45·938	+41·003	− 5	M	...
51					
...	−45·892	+35·371	− 5	...	...
...	45·690	+13·553	− 5	E	...
...	45·399	+42·084	− 4	...	...
*	45·272	+24·205	1·10	45.9896	9·6
...	44·990	+23·498	0·80	...	...
*	−44·707	−21·937	1·10	46.9925	9·6
...	44·533	+54·079	− 4	...	...
*	44·500	−23·741	1·30	46.9926	9·0
...	43·742	+31·962	− 5	M	...
...	43·521	−55·011	− 1	...	...

L measured from 1, 123, 241, 326.
HT ,, ,, 70, 202, 307.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
61–120					
61					
...	−43·412	+27·701	− 5	M	...
...	42·820	−26·335	− 2	...	...
...	41·993	− 6·330	− 4	...	...
...	41·575	+46·126	1·00	...	...
...	41·525	+21·221	− 5	M	...
...	−41·299	+36·893	− 5	M	...
...	41·288	−10·863	− 5	...	...
...	40·342	+44·877	− 2	...	...
...	40·310	+30·754	− 5	M	...
...	39·673	+35·863	− 5	...	...
71					
...	−39·650	− 1·410	0·70	46.9928	10·2
...	39·478	−50·214	0·90	46.9927	10·3
...	39·464	−34·965	− 5	...	...
...	39·397	−43·244	− 5	...	...
*	39·310	+36·075	1·00	45.9897	9·6
...	−38·244	+54·591	− 5	...	...
*	37·675	−30·136	2·25	46.9929	8·0
...	36·673	+49·511	− 4	...	...
S *	36·268	+ 6·419	3·10	45.9898	7·4
...	35·938	+49·086	− 2	...	...
81					
...	−35·887	+22·813	− 5	...	...
...	35·713	+11·992	− 5	M	...
*	35·539	−53·462	1·40	46.9930	9·1
...	35·498	+ 7·831	− 5	M	...
...	35·123	−41·166	− 2	...	...
...	−34·753	+15·935	− 2	...	...
S *	34·170	+32·247	2·00	45.9899	8·8
...	34·086	−42·280	0·70	...	...
...	32·998	− 1·309	− 5	...	...
...	32·909	−20·653	− 5	...	...
91					
...	−32·909	+35·073	− 2	...	...
S *	32·894	−51·529	1·60	46.9931	9·0
...	32·676	+44·251	− 5	...	...
...	32·398	−41·712	− 5	...	...
...	31·919	+ 5·390	− 2	...	...
...	−31·895	− 7·647	− 2	...	...
...	31·749	+19·673	− 2	...	...
...	31·501	+29·562	0·75	...	...
...	31·478	−41·158	0·70	...	...
...	31·243	−25·115	− 2	...	...
101					
...	−30·709	+36·316	− 5	M	...
...	30·499	−37·579	− 4	...	...
...	30·422	+16·270	− 4	...	...
*	30·115	+50·806	1·90	45.9900	9·1
...	30·110	+44·358	− 5	M	...
...	−30·039	+ 0·426	− 5	M	...
†	29·964	+31·663	− 5	...	...
...	29·627	+14·636	0·70	...	...
...	29·460	−46·030	0·90	46.9932	10·5
...	29·359	−23·702	− 5	...	...
111					
...	−28·022	+ 0·378	− 5	M	...
...	27·543	+34·751	− 2	...	...
...	26·596	−22·738	− 4	...	...
...	26·569	−40·577	− 5	...	...
...	26·543	− 5·508	− 4	...	...
...	−26·268	−21·960	− 5	...	...
†	26·081	−39·566	− 5	...	...
...	25·999	−44·716	− 1	...	...
...	25·915	−34·220	− 4	...	...
...	25·666	−26·839	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
121–180					
121					
...	−25·057	−31·692	− 4	...	...
†	24·926	+39·246	− 4	...	...
...	24·605	+45·708	0·90	...	...
...	24·370	+38·762	− 5	M	...
...	24·239	+43·718	0·70	...	...
...	−23·552	+ 9·282	− 5	M	...
...	23·474	+ 5·389	− 5	M	...
...	22·452	+54·654	1·00	...	...
...	22·297	−14·017	− 5	...	...
...	22·258	+29·085	− 5	M	...
131					
...	−22·021	+26·168	− 5	M	...
...	21·910	−23·680	− 5	...	...
...	21·909	−24·817	− 5	...	...
...	21·806	− 3·552	− 5	...	...
‡	21·771	+60·103	1·10	45.9901	10·1
...	−21·758	−23·398	0·90	...	...
...	21·400	+24·485	− 5	...	...
...	21·346	+41·265	0·90	...	...
...	21·261	+58·305	− 4	...	...
...	20·856	−41·611	− 4	...	...
141					
*	−20·810	+ 9·818	1·00	45.9902	10·2
...	20·520	− 9·036	− 5	...	...
...	20·391	−26·129	− 2	...	...
...	20·322	− 0·223	− 5	M	...
†	20·000	+38·565	0·90	45.9903	10·5
...	−19·814	+29·822	− 5	M	...
* [	19·338	−21·417	1·15	46.9933	9·0
* [	19·274	−21·477	1·15		
...	19·298	−26·474	− 3	...	...
...	17·998	+12·130	− 5	...	...
151					
*	−17·308	−38·062	1·10	46.9934	9·6
...	17·181	−35·098	− 3	...	...
...	17·178	−13·997	− 5	M	...
...	16·673	+12·902	− 5	M	...
...	16·184	+ 7·386	− 5	M	...
...	−15·850	−44·935	− 4	...	...
*	15·085	+36·227	1·00	45.9904	10·3
†	15·017	−13·157	− 2	...	...
...	14·008	−53·637	− 5	...	...
...	13·916	− 2·992	0·70	...	...
161					
...	−13·181	− 7·490	0·80	...	...
...	13·057	−48·276	− 3	...	...
*	13·008	−43·122	1·20	46.9935	9·5
...	12·751	+ 6·358	− 4	...	...
...	12·735	− 6·363	− 2	...	...
...	−12·436	+ 8·397	− 5	M	...
...	12·042	−39·173	− 4	...	...
...	12·014	+ 9·270	− 5	M	...
...	11·873	+27·873	− 4	...	...
...	11·737	−32·560	− 3	...	...
171					
...	−11·276	−16·699	− 3	...	...
...	10·099	+27·547	0·70	...	...
†	9·899	+42·884	− 5	...	...
*	9·216	+36·187	1·15	45.9905	9·8
...	9·158	−14·314	− 5	...	...
S *	− 8·756	−52·073	1·05	46.9936	9·8
...	8·423	+31·353	− 5	M	...
...	7·508	−17·011	− 4	...	...
...	7·115	+47·815	− 5	...	...
...	6·998	−56·044	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
181–240					
181					
*	− 6·385	+25·969	1·30	45.9906	9·2
*	6·356	+40·866	1·00	45.9907	10·2
...	6·184	+45·587	− 5	...	...
...	5·947	+36·086	− 4	...	...
...	5·936	−13·604	− 5	...	...
...	− 5·472	−56·142	− 1	47.9471	10·4
†	4·969	−18·962	− 3	46.9937	10·5
S ‡	4·878	−12·802	2·30	46.9938	8·2
...	4·515	−49·313	− 5	...	...
...	4·289	+28·384	0·90	...	...
191					
...	− 4·150	− 7·029	− 5	...	...
...	3·953	−12·734	− 4	...	...
...	3·803	−47·997	− 4	...	...
...	3·228	+28·572	− 5	...	...
...	2·772	+23·201	0·80	...	...
...	− 2·267	+56·698	− 2	...	...
...	1·805	+13·018	0·95	...	...
...	1·096	− 0·735	− 3	...	...
...	1·038	−42·160	− 5	...	...
...	0·600	+14·787	− 2	...	...
201					
...	− 0·560	−32·633	− 3	...	...
...	+ 0·258	+45·504	− 4	M	...
...	0·267	−50·866	0·80	46.9939	10·5
...	0·441	+38·331	− 5	M *m*	...
...	0·811	−58·834	− 4	...	...
...	+ 1·375	−30·017	− 5	M *m*	...
...	1·413	−34·040	− 4	...	...
...	1·995	−54·740	− 3	...	...
...	2·286	+39·755	− 5	M	...
...	2·369	+26·526	− 3	...	...
211					
...	+ 2·598	−57·008	0·70	...	...
...	2·655	−10·915	− 5	...	...
*	2·945	−16·034	1·00	46.9940	10·1
...	3·051	−33·821	− 3	...	...
...	3·790	−29·269	− 4	...	...
...	+ 4·094	+49·644	− 4	M	...
...	4·248	−46·354	− 5	*m*	...
...	4·310	+39·490	− 3	...	...
...	4·755	−50·658	− 3	...	...
...	5·146	−26·174	− 4	...	...
221					
...	+ 6·201	−40·319	− 4	...	...
...	6·280	−17·758	− 5	*m*	...
...	6·445	+31·958	− 4	...	...
...	6·719	+53·846	− 2	...	...
*	6·971	−15·779	2·00	46.9941	8·6
S *	+ 7·010	+27·834	1·50	45.9909	9·0
...	8·241	−51·897	− 5	*m*	...
...	8·268	−20·322	− 3	...	...
...	8·376	−45·399	− 5	*m*	...
...	8·529	+30·061	− 2	...	...
231					
*	+ 8·582	+ 1·083	1·00	46.9942	9·8
...	8·672	+43·421	− 4	...	...
...	9·100	−56·667	0·75	...	...
...	9·114	+21·999	− 2	...	...
...	9·119	−42·646	− 2	...	...
...	+ 9·345	−25·334	− 5	*m*	...
...	9·438	+57·107	− 4	...	...
...	9·599	+18·664	0·80	...	...
...	9·789	+22·191	0·90	45.9910	10·5
...	9·914	−12·596	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
241–300					
241	′	′		°	
†	+10·384	− 9·629	− 3	...	...
...	10·680	+42·145	0·65	...	...
...	10·773	−23·980	− 5	...	...
...	10·844	+21·703	− 3	...	...
...	10·897	−44·700	− 5	...	...
...	+11·024	−23·158	− 5	...	...
...	11·344	+42·913	− 5	...	...
...	11·824	−31·368	− 3	...	...
...	11·884	+35·905	− 5	...	...
*	11·887	−50·166	1·00	46.9943	9·8
251					
...	+11·949	+13·186	− 5	...	...
...	11·996	−30·017	0·80	...	...
...	12·027	+16·724	− 2	...	...
*	13·521	−46·661	1·00	46.9944	10·5
...	13·591	+ 8·772	− 4	...	...
...	+13·643	+ 8·716	− 3	...	...
...	14·104	+18·196	− 4	...	...
...	15·103	+22·005	− 4	...	...
...	15·248	+16·528	0·90	...	...
...	15·274	− 7·173	0·85	...	...
261					
...	+15·501	−34·278	− 2	...	...
...	15·673	−40·053	0·95	46.9945	10·4
...	15·803	−32·569	0·75	46.9946	10·5
...	16·001	−56·289	− 5	...	...
...	16·405	+18·714	0·70	...	...
...	+16·415	−27·060	− 5	...	...
...	17·010	+39·002	− 3	...	...
...	17·144	+ 3·735	0·95	46.9947	10·3
...	17·454	−28·323	− 5	...	...
*	17·643	+ 2·433	1·00	46.9948	10·1
271					
...	+17·770	−32·686	− 5	...	...
...	18·361	+23·709	− 5	...	...
...	18·562	−39·769	0·90	...	...
...	18·647	+35·396	− 5	...	...
...	19·090	+27·768	− 5	...	...
...	+20·247	−16·315	− 5	...	...
...	20·428	+25·877	0·95	45.9911	10·5
...	20·518	−26·240	− 3	...	...
...	20·591	− 6·254	− 5	...	...
...	21·191	− 3·232	0·80	...	...
281					
...	+21·433	+19·416	− 5	...	...
*	21·522	− 8·313	1·00	46.9949	10·2
...	21·648	−49·879	− 1	...	...
...	21·742	− 8·228	− 5	...	...
...	22·098	−15·275	− 5	...	...
...	+23·126	+31·693	− 5	...	...
...	23·229	−31·146	− 5	...	...
...	23·244	−29·819	0·65	...	...
...	23·249	−18·666	− 5	...	...
...	23·416	+14·822	− 4	...	...
291					
...	+23·704	− 9·361	− 5	...	...
...	24·102	−18·441	− 4	...	...
...	24·191	+51·454	− 5	...	...
...	24·419	− 6·717	− 5	...	...
...	24·856	−22·420	− 2	...	...
...	+26·156	+35·324	− 5	*m*	...
...	26·405	− 7·006	− 5	...	...
...	26·441	+26·878	− 5	*m*	...
*	26·467	−27·241	1·00	46.9950	10·1
...	26·690	+33·977	0·90	45.9912	10·5

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
301–360					
301	′	′		°	
*	+26·709	−44·342	1·45	46.9951	9·2
*	26·959	+56·265	2·00	45.9913	8·6
*	27·918	+54·677	1·00	45.9914	10·3
...	28·781	+44·497	− 5	...	...
†	29·332	−59·527	− 4	*a*	...
...	+29·553	−47·359	− 4	...	...
*	30·205	−26·871	1·00	46.9952	9·6
...	30·224	−45·980	0·85	46.9953	10·5
...	31·141	−49·739	− 4	...	...
...	31·156	−33·823	− 5	*m*	...
311					
...	+31·199	+31·823	− 5	*m*	...
...	31·274	+37·143	− 5	*m*	...
...	31·502	+58·161	− 2	...	...
...	31·549	−46·470	− 2	...	...
...	31·647	+45·487	− 5	*m*	...
...	+31·861	−41·083	− 5	*m*	...
...	31·873	−49·933	− 5	*m*	...
...	32·352	+16·769	− 5	...	...
...	32·582	−21·407	− 3	...	...
...	32·965	+27·090	− 4	...	...
321					
...	+33·140	+22·745	− 5	...	...
...	33·195	+13·574	0·85	...	...
...	33·842	+36·748	− 5	*m*	...
...	33·972	− 5·930	− 4	...	...
...	34·095	− 7·696	− 5	*m*	...
†	+34·976	−34·996	0·80	46.9955	10·5
†	34·984	+ 3·798	0·90	46.9954	10·5
...	35·447	+10·861	− 2	...	...
...	35·657	− 5·175	− 4	...	...
...	35·748	+35·339	0·80	...	...
331					
...	+36·080	−35·436	− 4	...	...
...	36·570	+27·840	0·80	...	...
...	36·706	−29·265	− 4	...	...
...	36·885	+36·049	− 5	*m*	...
†	37·039	+ 0·197	− 4	...	...
...	+37·851	−23·175	0·90	...	...
...	38·121	−12·297	0·65	...	...
...	38·294	+22·181	0·75	...	...
...	38·391	−29·069	0·90	46.9956	10·5
...	38·463	+26·692	− 5	*m*	...
341					
*	+38·597	−44·411	1·10	46.9958	9·6
...	38·604	+ 4·404	− 5	*m*	...
...	38·612	−20·183	− 5	...	...
*	38·731	+19·551	1·10	45.9915	10·0
*	38·789	+ 1·095	1·35	46.9957	9·5
...	+38·879	+36·416	− 2	...	...
*	39·350	−41·526	1·00	46.9959	10·5
...	39·705	−17·147	− 5	...	...
...	39·750	− 9·282	− 5	...	...
...	39·800	−18·214	0·90	...	...
351					
...	+40·553	− 4·011	− 4	...	...
*	40·598	+ 8·281	2·70	45.9916	7·6
...	40·800	+ 8·256	− 3	...	...
...	41·505	−17·932	0·70	...	...
...	41·617	+11·760	− 3	...	...
...	+42·217	+25·919	− 4	...	...
...	42·531	−42·091	− 4	...	...
...	43·112	−38·011	− 5	...	...
...	43·230	− 9·211	− 4	...	...
*	43·310	+32·162	1·20	45.9918	9·8

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
361–410					
361	′	′		°	
...	+43·323	−50·776	− 4	...	...
...	43·534	−37·968	0·80	...	...
...	43·590	+12·006	− 2	...	...
...	43·760	−15·628	0·70	...	...
...	43·837	+30·462	− 5	...	...
...	+44·789	+24·872	− 4	...	...
...	45·182	− 8·925	0·90	46.9960	10·5
...	45·489	−22·081	− 2	...	...
...	45·668	+34·588	− 4	...	...
...	46·819	−58·146	− 5	...	...
371					
...	+47·062	−43·653	− 5	...	...
...	47·272	+40·338	− 5	*m*	...
...	48·225	+19·612	− 5	...	...
...	48·619	+29·385	− 5	...	...
*	48·672	+41·570	1·85	45.9919	8·8
...	+48·760	−15·635	− 5	...	...
...	49·585	+56·048	− 1	45.9920	10·5
...	49·620	− 2·098	0·75	...	...
...	49·977	+ 3·878	− 5	...	...
...	50·559	+18·605	− 3	...	...
381					
...	+50·565	−50·238	− 4	...	...
...	50·972	+17·583	− 3	...	...
...	51·167	+23·308	− 5	...	...
*	51·376	−39·223	1·10	46.9963	9·8
*	51·383	−13·690	1·00	46.9962	10·3
S *	+51·553	+ 2·279	2·15	46.9961	8·4
...	51·692	−12·322	− 4	...	...
...	52·727	+55·285	− 1	45.9921	10·4
*	53·643	−20·963	1·00	46.9964	10·2
...	53·838	+ 0·960	− 3	...	...
391					
...	+54·240	+12·451	0·80	...	...
...	54·738	+54·678	− 5	...	...
†	54·904	− 2·529	− 5	...	...
...	54·949	−24·955	− 5	...	...
...	55·039	+23·944	− 5	...	...
...	+55·189	−52·647	− 4	...	...
S *	55·246	−46·460	2·00	46.9965	9·0
...	55·309	+22·321	− 5	...	...
...	55·481	+ 6·723	− 4	...	...
...	55·601	+29·376	− 2	...	...
401					
...	+55·743	−41·997	− 3	...	...
...	55·779	+32·318	− 5	*e*	...
...	56·292	+18·632	− 4	...	...
...	56·399	+ 1·624	0·75	...	...
...	57·326	+35·465	− 5	...	...
...	+58·015	−48·671	1·00	46.9966	10·4
...	58·610	−34·049	− 3	...	...
...	58·792	+48·009	− 4	...	...
...	59·190	+40·018	− 5	...	...
...	59·276	+55·389	− 4	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−1.	No.	Mag.
1–60					
1	′	′		°	
...	−59·972	−15·888	− 4	...	...
...	59·648	+34·351	− 5	...	...
...	59·497	−38·224	− 1	...	...
...	58·754	− 9·138	0·90	46.9960	10·5
...	58·038	−22·284	− 3	...	...
*	−56·862	+41·448	1·95	45.9919	8·8
...	56·538	+29·252	− 5	...	...
...	56·404	+55·923	− 1	45.9920	10·5
...	54·975	−15·745	− 5	...	...
...	54·537	− 2·179	0·80	...	...
11					
...	−54·365	+ 3·806	− 5	...	...
...	54·238	+18·533	− 3	...	...
...	53·801	+17·528	− 3	...	...
...	53·258	+55·287	− 1	45.9921	10·4
S *	52·734	+ 2·261	2·20	46.9961	8·4
*	−52·407	−13·709	1·00	46.9962	10·3
...	52·147	−12·332	− 3	...	...
...	52·059	−50·269	− 4	...	...
*	51·599	−39·224	1·10	46.9963	9·8
...	51·219	+54·721	− 5	...	...
21					
...	−50·423	+ 1·010	− 3	...	...
...	50·380	+12·508	0·90	...	...
...	49·930	+24·010	− 3	...	...
*	49·913	−20·908	1·20	46.9964	10·2
...	49·865	− 3·258	− 5	M	...
...	−49·613	+22·404	− 3	...	...
...	49·544	+29·459	0·90	...	...
...	49·471	+32·410	− 5	E	...
...	49·240	− 2·445	− 3	...	...
...	48·938	+ 6·828	− 3	...	...
31					
...	−48·525	+18·747	− 2	...	...
†	48·510	−24·849	− 5	...	...
...	48·030	+35·601	− 3	...	...
...	47·884	+ 1·759	0·80	...	...
S *	47·510	−46·341	2·00	46.9965	9·0
...	−47·368	−52·522	− 1	...	...
...	47·157	−41·865	0.70	...	...
...	46·957	+48·187	− 2	...	...
...	46·712	+55·579	− 1	...	...
...	46·371	+16·610	− 5	M	...
41					
...	−46·299	+40·219	− 3	...	...
...	45·600	+39·066	− 4	...	...
*	44·680	−48·453	1·15	46.9966	10·4
...	44·542	−33·822	0·70	...	...
...	44·342	+53·482	− 4	...	...
...	−44·100	+55·000	− 5	M	...
...	43·918	− 1·387	− 5	M	...
*	43·830	+ 9·734	1·00	45.9922	10·5
...	43·644	+54·618	− 4	...	...
...	43·565	− 0·974	− 4	...	...
51					
...	−43·486	+42·176	− 5	...	...
...	43·377	−51·114	− 5	M	...
...	42·962	− 8·322	− 5	...	...
...	42·441	+54·029	0·85	...	...
...	41·434	−11·785	− 5	...	...
...	−40·853	+ 3·253	− 2	...	...
...	40·810	+33·612	1·00	45.9923	10·3
...	39·975	−17·177	− 2	...	...
...	39·134	+22·022	− 3	...	...
...	38·989	−54·111	− 5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−1.	No.	Mag.
61–120					
61	′	′		°	
...	−38·848	−13·324	− 5	...	...
*	38·331	−42·963	1·00	46.9967	10·4
*	38·077	− 7·161	1·00	46.9968	10·2
*	37·872	+11·415	1·00	45.9924	9·8
...	37·503	+42·646	− 5	M	...
...	−37·474	−38·746	0·65	...	...
...	36·933	+24·857	0·70	...	...
...	36·913	−47·252	− 5	...	...
*	36·552	+53·649	1·30	45.9925	9·6
†	36·530	+24·966	− 4	...	...
71					
†	−36·398	+19·982	− 5	M	...
...	36·041	−20·008	0·70	...	...
...	35·778	−46·958	− 4	...	...
...	35·774	+35·095	− 1	...	...
...	35·763	+53·608	− 3	...	...
...	−35·590	+45·516	1·00	45.9926	10·5
‡	35·256	−37·191	1·00	46.9969	10·5
*	33·735	− 2·071	1·20	46.9970	9·2
...	33·603	+17·127	− 5	...	...
...	33·582	+49·350	− 4	...	...
81					
...	−33·512	− 5·422	− 5	M	...
...	32·487	+46·299	− 5	M	...
...	32·432	−36·809	− 5	...	...
...	32·176	+20·188	0·90	...	...
*	32·168	−49·107	1·20	46.9971	10·0
...	−30·651	+41·144	− 2	...	...
...	30·098	− 1·820	− 4	...	...
...	29·753	−14·966	− 4	...	...
...	29·640	+52·367	− 4	...	...
*	29·631	+30·074	1·20	45.9927	10·1
91					
...	−29·001	+52·057	0·70	...	...
...	28·847	+ 5·545	− 4	...	...
...	28·768	−17·521	− 5	M	...
...	28·674	+19·500	− 4	...	...
...	28·648	+ 6·490	0·65	...	...
...	−28·528	+ 3·240	− 4	M	...
...	28·248	+56·811	− 5	M	...
...	28·039	+17·069	− 3	...	...
...	27·790	−20·521	− 4	...	...
...	27·753	+16·966	− 4	...	...
101					
...	−27·152	− 7·193	− 3	...	...
...	27·132	−21·777	− 5	...	...
...	27·036	+59·099	− 2	...	...
...	26·831	+45·027	− 3	M	...
...	26·324	+ 4·280	− 4	M	...
...	−26·232	−38·692	1·00	...	...
...	25·543	−46·575	− 2	...	...
...	25·371	+50·523	0·90	...	...
...	24·861	+47·703	1·00	...	...
...	24·826	−16·053	− 3	...	...
111					
*	−24·247	+45·754	1·00	45.9928	10·5
...	23·973	+ 6·817	− 4	...	...
...	23·895	− 7·118	− 4	...	...
...	23·852	+16·362	− 1	...	...
...	23·782	+57·019	− 1	...	...
...	−23·649	−13·989	− 3	...	...
...	23·599	−10·765	− 3	...	...
...	23·173	−58·288	− 4	M	...
...	22·958	−28·383	− 5	M	...
...	22·717	−16·330	− 5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−1.	No.	Mag.
121–180					
121	′	′		°	
...	−22·585	−45·422	− 4	...	...
...	22·418	+51·762	0·65	...	...
...	22·048	+59·683	− 1	...	...
...	21·962	+16·137	0·75	...	...
...	21·850	−31·335	− 3	M	...
*	−21·817	+46·181	1·20	45.9929	10·0
...	21·355	−52·374	1·00	...	...
...	21·316	+20·147	− 3	...	...
...	21·287	+55·486	0·80	...	...
...	21·042	+44·547	0·70	...	...
131					
...	−20·945	+11·178	0·85	...	...
...	20·826	−52·848	− 5	M	...
†	20·121	+43·796	− 4	...	...
...	20·064	−15·752	− 5	...	...
S *	20·037	+22·323	1·30	45.9930	9·2
...	−19·260	+ 3·010	− 5	...	...
...	18·988	+10·508	− 5	...	...
...	18·594	−23·704	− 2	...	...
†	18·149	−59·682	− 5	...	...
...	17·988	+23·446	− 4	...	...
141					
...	−17·641	+33·065	− 3	...	...
...	17·425	+11·343	0·70	...	...
...	17·350	−53·284	0·95	...	...
...	16·574	+ 8·011	− 5	M	...
...	16·453	− 9·065	0·80	...	...
...	−15·288	+54·798	− 4	...	...
*	14·786	+12·862	1·30	45.9931	9·2
*	14·686	+57·627	1·20	45.9932	10·2
*	14·503	− 5·877	1·15	46.9972	9·6
...	14·235	+49·100	0·65	...	...
151					
...	−14·040	+ 8·513	− 5	M	...
...	13·978	−31·489	− 5	...	...
...	13·611	−38·387	0·80	...	...
...	13·407	+34·682	− 5	...	...
*	13·047	+19·741	1·00	45.9933	10·4
...	−12·779	− 5·843	− 4	...	...
...	12·771	−13·940	− 5	...	...
...	11·735	−26·929	− 5	...	...
...	11·634	−18·761	− 5	...	...
...	10·937	+47·381	− 5	...	...
161					
...	−10·935	−48·019	− 2	...	...
‡	10·251	+44·816	1·00	45.9934	10·5
†	10·224	−24·979	0·90	46.9974	10·5
*	10·153	−53·403	1·20	46.9973	10·3
...	10·019	+30·800	0·90	...	...
S *	− 9·991	−59·037	3·30	47.9508	7·2
*	9·960	+21·193	1·10	45.9935	10·1
S *	9·857	−28·964	2·00	46.9975	8·7
...	9·459	−38·033	− 5	M	...
N	9·388	− 1·673	0·80		
171				46.9976	10·5
N	− 9·325	− 1·610	0·70		
...	8·573	+16·001	− 4	...	...
...	8·542	−10·962	− 2	...	...
...	8·523	−25·351	0·90	46.9977	10·5
...	8·358	− 8·214	0·70	...	...
*	− 8·335	−26·992	1·00	46.9978	10·4
...	8·095	+54·260	− 3	...	...
...	8·018	−50·875	− 4	...	...
...	7·704	−22·780	− 5	M *m*	...
...	7·294	+51·546	− 3	...	...

L measured from 1, 58, 133, 209, 270, 357.
C ,, ,, 23, 87, 163, 234, 310, 383.

170, 171. 47°, 122, mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
181-240					
181					
...	− 6′·874	−17′·070	− 5	M	...
...	6·759	−19·672	− 5	M m	...
...	6·635	+54·108	− 5	M m	...
...	6·412	+10·975	0·70	m	...
*	6·029	−22·616	1·60	46.9979	8·8
...	− 5·850	−31·239	− 4	...	...
...	5·651	+41·422	− 2	m	...
...	5·641	−22·333	− 5	M m	...
...	5·464	−19·514	− 3	...	...
...	4·678	+20·830	0·70	m	...
191					
...	− 4·629	− 3·756	0·70	...	...
...	4·156	+55·156	− 3	m	...
...	3·766	−53·553	− 1	...	...
...	3·632	−32·411	− 4	...	...
...	3·551	− 1·587	0·80	...	...
...	− 3·486	−35·422	− 3	...	...
...	3·320	+22·588	− 4	M m	...
...	3·080	+31·493	− 5	m	...
...	2·895	+40·946	0·70	m	...
*	2·310	−46·083	2·00	46.9980	9·0
201					
...	− 2·243	−41·516	− 2	...	...
...	1·706	+ 5·217	− 3	m	...
...	1·651	− 8·379	− 5	m	...
...	1·450	+39·497	− 4	m	...
...	1·137	+ 2·166	− 5	M m	...
...	− 1·071	+43·404	0·90	...	...
S *	0·783	+ 4·822	2·00	46.9981	8·7
...	− 0·715	+17·234	0·70	m	...
*	+ 0·483	+ 1·119	1·80	46.9982	9·0
...	0·724	+45·325	− 2	m	...
211					
...	+ 1·138	−48·390	0·70	...	...
*	1·826	+29·352	0·90	45.9936	10·5
*	2·029	+52·688	1·20	45.9937	9·5
...	2·466	+42·740	− 2	m	...
...	2·481	+41·532	1·00	45.9938	10·5
S ‡	+ 3·193	+54·869	2·40	45.9939	8·2
*	3·359	−20·433	1·00	46.9983	10·4
...	3·374	−47·160	0·70	...	...
*	3·448	−26·321	1·30	46.9984	9·6
...	3·642	− 0·351	− 2	...	...
221					
...	+ 4·175	−26·794	− 5	...	...
...	4·612	+53·475	− 1	...	...
...	5·402	+37·413	− 5	M m	...
...	6·130	−24·651	0·90	...	...
...	6·676	−50·295	− 5	...	...
...	+ 6·955	− 4·021	0·70	...	...
...	7·195	+46·993	− 3	m	...
...	7·371	−52·298	− 5	...	...
...	8·693	+53·306	0·65	...	...
*	8·880	+47·848	1·20	45.9940	9·6
231					
...	+ 9·219	−53·215	− 5	...	...
*	9·354	−14·606	1·10	46.9985	10·0
...	9·514	+ 8·719	0·80	b	...
†	9·736	−21·266	− 4	...	...
...	10·092	+22·880	− 3	m	...
...	+10·502	+49·729	− 3	m	...
...	10·564	−41·474	− 2	...	...
*	11·406	+11·441	1·30	45.9941	9·6
...	11·614	+17·644	− 5	m	...
...	11·671	−40·322	0·90	...	...
241-300					
241					
...	+11′·740	+ 6′·929	− 3	m	...
...	11·867	−41·129	0·75	...	...
...	11·871	+30·875	− 4	m	...
...	12·364	+ 2·590	0·70	b	...
*	12·592	+17·366	1·20	45.9942	9·8
...	+12·617	+31·435	0·75	...	...
*	12·959	+12·473	1·00	45.9943	10·3
...	13·643	+58·526	− 5	m	...
...	13·754	+35·578	0·65	...	...
...	13·842	−45·467	1·00	...	...
251					
...	+14·140	−45·449	1·00	...	...
...	14·211	+ 2·538	− 4	m	...
...	14·752	−41·561	0·90	...	...
...	15·026	−49·926	− 1	...	...
...	15·368	+37·756	− 1	...	...
...	+15·593	−37·377	− 3	...	...
...	16·149	+ 0·516	− 2	m	...
†	16·346	+29·981	− 1	b	...
...	16·668	+56·353	1·15	45.9944	10·4
...	16·781	−55·718	− 5	...	...
261					
...	+16·794	+17·658	− 5	m	...
...	16·931	−52·703	0·65	...	...
...	16·954	+23·090	− 3	m	...
...	17·197	+20·038	− 3	m	...
...	18·181	− 7·228	0·80	...	...
...	+18·785	−12·660	− 5	...	...
*	18·936	+16·993	1·40	45.9945	9·1
*	18·956	−31·392	1·20	46.9986	10·3
...	19·406	+36·776	0·65	...	...
...	19·937	−29·471	1·00	46.9987	10·5
271					
...	+20·102	− 4·729	− 5	...	...
...	20·142	−53·719	− 5	...	...
..	20·315	−32·786	− 5	...	...
*	20·351	+37·679	1·00	45.9946	9·6
*	20·763	−48·429	1·30	46.9988	9·6
...	+20·847	−41·022	− 4	...	...
...	21·112	−27·048	0·70	...	...
...	21·114	+13·069	0·90	...	...
...	21·495	−52·564	− 1	...	...
...	21·592	−36·484	− 2	...	...
281					
...	+22·034	+16·367	− 3	m	...
...	22·382	−35·904	− 2	...	...
*	22·660	+30·983	1·00	45.9947	10·0
*	22·674	+ 2·360	1·00	46.9989	9·6
...	23·023	+36·191	− 5	m	...
*	+23·025	+52·568	1·10	45.9948	10·3
*	23·280	−47·907	1·00	46.9990	10·2
...	23·884	+30·843	− 5	m	...
*	23·933	+32·863	1·00	45.9949	9·8
...	24·320	−23·134	− 5	...	...
291					
...	+24·347	+49·191	0·95	...	...
...	25·132	+26·272	− 3	m	...
*	25·252	+42·748	1·20	45.9950	9·6
...	25·641	−24·452	− 5	...	...
...	25·701	+ 2·484	0·85	...	...
...	+25·975	+47·693	− 5	m	...
*	25·976	+50·815	1·00	45.9951	10·4
...	26·128	−37·246	− 5	...	...
*	26·498	−14·622	1·80	46.9991	9·2
*	26·701	+ 8·624	0·95	45.9952	10·5
301-360					
301					
...	+26′·714	+52′·347	− 5	m	...
S *	26·820	+17·048	2·20	45. 9953	8·0
SN*	27·299	−29·038	3·00	46. 9992	7·6
...	27·426	−56·370	− 5	...	...
...	27·965	+ 9·558	− 4	m	...
...	+28·105	+ 3·457	− 2	m	...
...	29·046	− 5·607	0·70	...	...
...	29·126	+10·705	− 4	m	...
...	29·203	−53·189	− 5	...	...
*	30·087	−14·845	1·35	46. 9993	9·1
311					
...	+30·182	−28·070	− 2	...	...
*	30·349	+31·428	1·40	45. 9954	9·2
...	30·690	+24·884	0·70	...	...
...	30·835	−39·509	− 2	...	...
...	30·918	−15·794	− 5	...	...
...	+31·171	−53·982	− 5	...	...
...	31·535	+29·448	− 3	...	...
*	31·657	− 9·391	1·20	46. 9994	9·8
...	31·929	− 1·952	− 4	...	...
...	32·072	−47·897	− 5	...	...
321					
*	+32·147	−31·862	1·00	46. 9995	10·3
...	32·312	−55·108	0·85	...	...
...	32·361	−59·672	− 1	...	...
...	32·431	−52·743	− 3	...	...
*	32·688	−40·155	1·10	46. 9997	10·5
...	+32·805	−26·933	− 5	...	...
*	32·909	+ 1·796	1·35	46. 9996	9·5
*	33·213	−32·853	1·25	46. 9998	9·6
...	33·491	+39·340	0·80	...	...
...	33·492	+34·072	1·00	45. 9956	10·5
331					
...	+34·071	+23·481	− 2	...	...
*	34·514	−16·985	1·00	46. 9999	10·3
S ‡	34·528	−47·499	1·90	46.10000	9·0
...	34·953	+20·485	− 5	m	...
†	35·017	−34·877	− 5	...	...
...	+35·061	+40·910	− 1	b	...
...	35·745	+16·413	− 5	m	...
...	35·897	+42·245	− 5	m	...
...	36·327	+35·838	0·70	...	...
...	36·535	+40·335	0·75	...	...
341					
...	+36·680	+46·621	0·90	...	...
...	36·790	−32·136	− 5	m	...
...	36·826	+28·392	− 5	m	...
*	36·858	+ 8·606	1·20	45. 9957	9·6
†	36·900	−57·432	− 5	...	...
†	+37·500	−44·894	− 5	...	...
...	37·515	+52·668	0·80	...	...
...	37·800	+35·387	− 5	m	...
...	37·891	+23·529	− 2	m	...
...	37·925	+46·477	− 1	a	...
351					
...	+38·404	+34·455	− 2	m	...
†	38·650	+49·830	− 2	m	...
...	39·010	+20·533	− 4	m	...
*	39·101	+59·408	1·40	45. 9958	9·8
*	39·340	+ 4·534	1·35	46.10001	9·2
...	+39·464	+14·644	0·70	b	...
*	39·828	− 4·025	1·20	46.10002	9·6
*	40·010	− 6.890	1·00	46.10003	9·8
...	40·540	−12·538	− 4	...	...
...	40·594	−20·340	− 3	...	...

303. Remeasure 1915, $y = 29'{\cdot}051$.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
361–380					
361	′	′		°	
...	+41·707	−47·793	− 4	...	...
...	41·902	+45·306	− 4	*m*	...
...	41·937	−13·734	0·80	...	...
...	42·027	−50·797	− 1	...	...
*	42·164	+11·324	1·10	45. 9959	9·6
...	+42·350	−25·498	− 5	...	...
...	42·452	−27·223	0·65	...	...
...	42·665	−52·574	− 5	...	...
...	43·123	−29·763	− 4	...	...
*	43·212	−25·691	1·00	46.10004	10·0
371					
*	+43·244	−18·730	1·00	46.10005	10·2
...	43·392	+43·250	− 5	*m*	...
...	43·601	−27·574	− 4	...	...
...	44·094	+22·726	− 5	*m*	...
...	44·095	−21·553	− 5	*e*	...
...	+44·111	−18·837	− 5	...	...
*	45·661	+53·691	1·50	45. 9961	9·4
...	46·699	− 1·237	− 2	...	...
...	47·579	+58·604	− 5	*e*	...
*	48·106	+ 6·371	1·00	45. 9962	10·3
381–400					
381					
...	+48·751	+ 4·183	− 4	*e*	...
...	49·211	+19·393	− 5	*e*	...
S ‡	49·769	+54·754	2·30	45. 9963	8·6
†	50·140	−36·482	− 1	...	...
...	50·238	−18·820	1·00	...	...
...	+50·344	+ 8·135	0·95	...	...
...	50·800	−10·143	0·70	...	...
...	51·153	+33·212	0·85	...	...
†	51·794	−29·947	0·90	46.10006	10·4
*	52·087	−28·807	1·05	46.10007	10·4
391					
...	+52·092	+ 5·807	− 2	*e*	...
...	52·134	+45·778	− 2	*e*	...
...	52·375	+31·979	1·00	45. 9964	10·5
...	52·664	+52·586	− 3	*e*	...
...	52·834	−45·662	− 5	...	...
...	+53·031	−10·987	− 3	...	...
...	53·129	+13·698	− 4	*e*	...
...	53·166	+25·891	0·75	...	...
...	53·325	+56·220	− 5	*e*	...
...	54·412	+11·177	− 2	*e*	...
401–418					
401	′	′		°	
* [	+54·747	+18·061	2·20		
* [	54·810	+18·147	1·50	45. 9966	7·5
...	54·857	+48·567	− 1	45. 9965	10·5
...	55·650	−25·074	− 3	...	...
*	56·007	+53·931	1·40	45. 9967	9·2
S *	+56·185	−10·075	1·30	46.10008	9·1
*	56·370	− 6·003	1·05	46.10009	10·5
*	56·715	+18·576	1·00	45. 9968	10·4
...	56·844	−15·139	− 5	*e*	...
...	57·308	−49·457	− 5	...	...
411					
*	+57·340	− 9·559	1·00	46.10010	10·5
*	57·463	+19·291	1·20	45. 9969	10·0
S *	57·900	+15·768	2·00	45. 9970	8·6
...	58·128	+15·833	− 5	*e*	...
...	58·687	+19·727	− 5	*e*	...
...	+58·718	+31·153	0·80	...	...
*	58·781	+22·904	1·35	45. 9971	9·8
...	59·453	+25·914	− 1	*e*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
1–30					
1	′	′		°	
†	−59·760	−27·847	− 5	...	...
...	59·529	−19·078	− 5	...	...
...	59·458	−21·806	− 5	E	...
...	58·766	−36·334	− 5	...	...
...	58·653	− 6·721	− 4	...	...
...	−58·479	+58·449	− 5	E	...
...	58·297	−49·891	− 5	...	...
...	58·242	+22·988	− 5	M	...
...	57·494	− 1·416	0·90	...	...
...	57·024	− 9·415	− 5	M	...
11					
*	−56·319	+ 6·243	1·00	45. 9962	10·3
S *	56·170	+54·658	2·35	45. 9963	8·6
...	55·817	+24·835	− 5	M	...
...	55·636	+19·282	− 4	E	...
...	55·622	+ 4·068	− 2	E	...
...	−54·994	+51·065	− 5	M	...
...	54·318	−15·835	− 5	M	...
*	54·142	+ 8·070	1·00	...	...
...	54·125	+33·171	1·00	...	...
...	53·854	− 7·922	− 5	M	...
21					
...	−53·529	+45·764	− 1	E	...
...	53·416	−18·876	0·95	...	...
...	53·202	+52·583	− 2	E	...
...	53·122	−10·193	0·90	...	...
...	52·961	−36·546	− 1	...	...
*	−52·851	+31·967	1·00	45. 9964	10·5
...	52·834	−29·963	− 5	M	...
...	52·659	+56·226	− 5	E	...
...	52·571	+15·949	− 5	M	...
...	52·319	+ 5·795	0·70	E	...
31–60					
31	′	′		°	
...	−52·135	− 3·655	− 5	M	...
...	51·906	+11·036	− 5	M	...
...	51·872	+25·902	1·00	...	...
...	51·542	+13·724	− 2	E	...
*	51·510	−29·949	1·00	46.10006	10·4
*	−51·250	−28·804	1·00	46.10007	10·4
...	50·894	+48·629	0·95	45. 9965	10·5
...	50·861	−10·963	− 1	...	...
...	50·432	−52·120	− 5	...	...
...	50·172	+11·241	0·90	E	...
41					
* [	−50·058	+18·120	2·40		
* [	49·998	+18·200	2·00	45. 9966	7·5
...	49·970	−45·620	− 4	...	...
*	49·902	+54·024	1·60	45. 9967	9·2
...	49·511	− 1·946	− 4	M	...
...	− 48·719	+ 1·137	− 5	M	...
...	48·583	− 5·330	− 4	M	...
...	48·177	−19·168	− 5	M	...
*	48·102	+18·710	1·10	45. 9968	10·4
...	47·804	−24·962	0·90	...	...
51					
S *	−47·731	− 9·951	1·40	46.10008	9·1
*	47·674	− 5·872	1·10	46.10009	10·5
...	47·600	+45·503	− 4	M	...
...	47·599	−14·043	− 5	...	...
*	47·373	+19·445	1·20	45. 9969	10·0
...	−46·969	−19·951	− 5	M	...
...	46·931	−14·993	− 3	E	...
S *	46·825	+15·940	2·00	45. 9970	8·6
*	46·614	− 9·399	1·00	46.10010	10·5
...	46·601	+16·007	− 4	E	...
61–90					
61	′	′		°	
...	−46·495	+31·341	0·90	...	...
*	46·171	+23·098	1·30	45. 9971	9·8
...	46·159	+19·918	− 2	E	...
...	45·892	−47·641	− 3	M	...
...	45·829	−44·036	− 5	M	...
...	−45·808	−12·975	− 4	...	...
...	45·805	−25·657	− 2	...	...
...	45·584	+26·121	0·90	E	...
...	45·419	+ 8·227	− 4	M	...
...	45·386	−49·265	− 1	...	...
71					
*	−44·896	+39·114	1·20	45. 9972	10·3
...	44·637	+31·265	− 5	M	...
*	44·156	+25·920	1·05	45. 9973	10·5
...	44·085	+ 8·669	− 1	M	...
...	43·979	+13·691	− 4	M	...
...	−43·786	+17·509	− 5	M	...
...	43·213	−20·311	− 5	M	...
*	43·092	+22·347	1·00	...	...
...	43·075	+50·968	0·80	...	...
...	42·978	− 1·706	− 3	...	...
81					
...	−42·886	−53·206	− 2	...	...
...	42·867	−33·849	− 3	...	...
...	42·826	−15·026	− 2	...	...
...	42·309	+33·385	0·65	B	...
...	42·162	+10·975	0·65	B	...
...	−42·079	+ 9·098	0·90	...	...
*	41·720	−42·788	1·10	...	...
...	41·282	−32·870	− 4	M	...
...	41·236	+14·591	− 5	M	...
...	40·494	+26·217	− 5	M	...

L measured from 1, 95, 206, 331, 453, 557.
C ,, ,, 45, 141, 256, 394, 507, 605.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	0·75.	No.	Mag.
91–150					
91	′	′		°	
...	−40·447	+17·565	− 3	M	...
*	40·396	−26·217	1·30	46.10011	10·1
...	40·067	+ 2·791	− 2	M	...
...	39·918	+ 7·570	− 5	M	...
...	39·461	−23·191	− 2	...	...
*	−39·394	− 9·841	0·95	46.10012	10·5
...	39·065	+16·428	− 5	M	...
...	38·856	− 9·658	− 3	M	...
...	38·542	+12·426	− 5	M	...
...	38·361	−17·283	1·00	...	...
101					
*	−37·939	+42·315	1·05	45. 9974	9·6
...	37·809	−25·004	− 3	...	...
...	37·748	−14·024	− 2	...	...
...	37·648	−19·937	0·80	...	...
...	36·953	+ 6·300	0·80	A	...
...	−36·936	−17·061	− 5	M	...
*	36·869	+21·870	1·60	45. 9975	9·1
...	36·574	+ 8·997	− 2	M	...
*	36·372	+43·630	1·10	45. 9976	9·8
...	36·361	+17·309	− 5	M	...
111					
...	−36·183	+22·380	− 5	M	...
...	36·165	− 1·869	− 5	M	...
...	35·765	+37·827	− 5	M	...
...	35·112	+42·843	0·65	B	...
S*	34·528	−54·338	1·90	46.10013	8·8
...	−34·513	−29·845	− 5	...	...
...	34·365	+ 6·717	0·95	...	...
...	33·798	−21·742	− 3	...	...
...	33·604	−56·913	− 1	...	...
...	33·333	− 8·411	− 4	...	...
121					
...	−33·311	−11·771	− 5	...	...
...	33·274	+57·653	− 1	...	...
...	33·169	+55·885	− 5	M	...
...	33·157	−32·936	− 3	...	...
...	32·873	−25·830	0·90	...	...
...	−32·417	−11·223	− 5	M	...
...	32·377	+26·311	− 5	M	...
...	32·355	−49·161	− 5	M	...
...	32·313	−25·607	− 3	...	...
...	32·189	− 6·394	− 5	M	...
131					
...	−31·765	−20·719	0·65	...	...
...	31·752	−35·665	− 5	M	...
...	31·510	−21·503	− 5	M	...
...	30·910	+36·420	0·90	...	...
...	30·874	+53·018	− 1	M	...
*	−30·649	+47·569	1·05	45. 9978	10·3
...	30·538	−30·280	0·90	...	...
...	30·403	−56·379	− 5	M	...
...	30·028	+26·592	− 4	M	...
...	29·928	+46·076	− 2	M	...
141					
...	−29·715	−31·840	0·70	...	...
*	29·535	−36·202	1·20	46.10014	9·8
...	29·368	+23·615	0·70	B	...
*	29·336	+ 2·489	0·85	...	...
...	29·137	+25·835	− 5	M	...
...	−29·118	+40·537	− 5	M	...
...	29·100	−21·776	− 3	M	...
...	28·424	− 9·890	− 3	...	...
...	28·422	+22·784	− 4	M	...
*	28·205	+22·065	1·00	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	0·75.	No.	Mag.
151–210					
151	′	′		°	
...	−28·018	−37·771	− 4	M	...
*	27·959	−22·535	1 10	46.10015	10·1
*	26·998	+ 9·204	1·30	45. 9979	9·8
...	26·732	+53·884	− 2	M	...
...	26·597	+19·165	0·85	...	...
...	−26·526	+21·748	− 4	M	...
...	26·390	−12·605	− 2	...	...
...	26·327	+40·788	− 2	M	...
...	25·952	−36·794	− 3	...	...
...	25·787	−28·504	− 2	...	...
161					
*	−25·711	+36·319	1·00	45. 9980	10·5
...	25·585	+ 1·995	− 4	M	...
*	25·462	− 7·531	1·00	46.10016	10·5
...	25·055	−51·778	− 5	M	...
...	24·745	+22·600	− 4	M	...
...	−24·586	−57·215	− 3	...	...
...	24·459	− 1·743	− 5	M	...
...	24·338	+38·205	− 3	M	...
...	24·195	−14·146	− 2	...	...
...	24·088	+ 9·421	− 4	M	...
171					
...	−24·000	+ 8·601	0·80	...	...
...	23·842	−46·323	− 3	...	...
...	23·452	+ 3·728	0·70	B	...
...	23·390	+18·205	0·70	D	...
...	23·356	+ 6·076	0·70	B	...
*	−23·238	−19·129	1·00	...	...
...	23·220	−31·358	0·65	...	...
...	23·191	− 4·935	− 1	...	...
...	23·004	−36·565	0·75	...	...
S*	22·555	+34·163	1·90	45. 9981	8·8
181					
...	−22·548	+22·028	− 3	M	...
...	22·530	−30·981	− 3	...	...
...	22·336	+11·610	− 4	M	...
†	22·116	−49·674	− 4	...	...
...	22·081	+50·577	− 5	M	...
...	−22·058	−51·894	− 5	M	...
...	21·942	−12·413	− 4	M	...
*	21·784	−23·545	1·20	46.10017	9·8
*	21·771	−11·474	1·40	46.10018	9·5
...	21·609	−31·201	0·65	...	...
191					
...	−21·502	−45·832	− 5	M	...
...	21·363	+49·848	0·90	...	...
*	21·269	+17·969	1·10	45. 9982	10·4
...	21·152	−42·611	− 4	M	...
...	21·143	+ 6·460	− 2	M	...
...	−21·078	− 9·957	− 5	M	...
...	21·025	−55·872	− 4	...	...
...	21·014	+ 9·159	− 4	M	...
...	20·945	+29·712	− 5	M	...
...	20·745	+32·515	− 3	M	...
201					
...	−20·144	−43·655	− 3	...	...
...	20·068	+12·167	− 4	M	...
...	20·025	− 9·656	− 1	...	...
†	19·953	−49·885	0·80	...	...
†	19·928	−19·216	1·00	...	...
*	−19·628	+24·199	1·00	45. 9983	10·4
*	19·610	−20·912	0·95	...	...
...	19·546	+ 2·023	− 5	M	...
...	19·508	+16·085	− 4	M	...
...	19·504	+ 2·677	0·70	B	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	0·75.	No.	Mag.
211–270					
211	′	′		°	
...	−19·403	+14·588	− 5	M	...
...	19·203	−41·976	− 4	...	...
...	19·100	−58·687	− 4	...	...
...	19·096	+44·941	0·80	...	...
*	18·994	+49·721	0·95	...	...
*	−18·740	− 8·112	1·00	46.10019	10·3
...	18·323	+31·477	0·75	B	...
...	18·295	−31·965	− 5	M	...
*	18·244	+56·374	1·15	45. 9984	10·1
...	18·147	+25·407	− 4	M	...
221					
...	−18·137	− 3·078	− 5	M	...
...	17·956	−45·682	− 4	...	...
...	17·880	+32·556	0·90	...	...
...	17·599	−25·053	− 5	M	...
*	17·444	+29·164	1·00	45. 9985	10·5
...	−17·162	+ 1·405	− 3	M	...
...	17·073	+36·075	− 5	M	...
...	16·897	+42·290	0·80	A	...
...	16·483	−57·847	− 1	...	...
†	16·215	−44·606	0·80	...	...
231					
*	−16·119	−13·033	1·00	46.10020	10·3
...	16·074	+ 7·261	0·70	B	...
...	15·716	−58·244	− 5	...	...
...	15·642	+ 0·506	− 4	M	...
...	15·165	+56·465	0·90	...	...
...	−14·732	−56·470	− 1	...	...
...	14·597	− 8·519	− 5	M	...
...	14·474	+47·603	− 4	M	...
...	14·365	− 1·038	− 5	M	...
...	14·310	− 4·302	0·70	...	...
241					
†	−14·149	−49·593	0·95	...	...
...	14·042	− 7·566	− 5	M	...
...	13·948	+32·260	− 3	M	...
...	13·533	+50·601	− 5	M	...
...	13·329	+15·703	− 3	M	...
...	−13·226	−10·704	0·70	...	...
...	12·969	+10·400	− 5	M	...
...	12·930	−18·607	− 5	M	...
...	12·504	−35·665	− 2	...	...
...	12·095	+ 9·235	− 5	M	...
251					
...	−10·477	+27·130	− 5	M	...
...	10·267	+ 8·865	0·70	D	...
...	10·229	+45·974	− 5	M	...
...	10·131	−29·549	− 4	...	...
...	10·061	−33·773	− 3	...	...
...	− 9·576	−51·378	− 5	M	...
...	9·542	+48·256	− 3	M	...
...	9·456	+24·906	− 5	M	...
*	9·328	+23·029	1·40	45. 9986	9·1
*	9·161	+ 2·261	1·10	46.10021	10·4
261					
...	− 8·988	−12·487	− 5	M	...
...	8·454	+31·807	− 5	M	...
...	8·422	+14·131	− 3	M	...
...	8·089	−31·299	− 5	M *m*	...
...	8·035	+21·084	− 5	M	...
...	− 8·019	−39·884	− 5	M *m*	...
...	7·913	−16·582	− 5	M *m*	...
*	7·899	−31·956	1·10	46.10022	10·5
...	7·724	+16·155	0·95	45. 9987	10·5
*	7·645	+51·049	1·15	45. 9988	10·2

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·75.	C.P.D. No.	C.P.D. Mag.
271–330					
271					
...	− 7·622	− 7·998	0·80	...	....
*	7·319	−41·129	1·20	46.10023	10·2
...	7·284	− 0·750	− 3	M *m*	...
...	7·261	+44·687	− 4	M	...
*	7·211	−11·169	1·10	46.10024	10·4
...	− 7·128	−56·786	− 3	...	...
...	6·778	−10·402	− 4	M *m*	...
...	6·652	− 3·043	− 3	M *m*	...
*	6·524	−22·322	1·10	46.10025	10·4
...	6·333	−57·845	− 5	M	...
281					
...	− 6·321	+30·682	0·75	A *m*	...
...	6·232	−30·064	0·80	...	...
...	5·915	+55·650	0·65	M *m*	...
...	5·743	−47·048	− 4	...	...
*	5·206	−53·251	1·20	46.10026	10·3
...	− 4·888	−40·003	0·85	...	...
*	4·716	+ 1·805	1·00	B *m*	...
...	4·651	+56·747	− 4	M *m*	...
*	4·540	−37·732	1·05	46.10027	10·4
...	4·422	+48·684	0·75	B *m*	...
291					
...	− 4·338	+12·394	− 5	M *m*	...
...	4·325	−39·513	− 5	M *m*	...
S *	4·319	+ 5·820	3·50	45. 9989	7·4
...	3·614	+31·525	0·70	B *m*	...
...	3·325	+20·623	− 4	M *m*	...
S *	− 3·262	−21·378	1·40	46.10028	9·2
...	2·912	− 2·557	− 2	*m*	...
...	2·679	+43·797	− 5	M *m*	...
...	2·620	+48·822	0·95	...	...
...	2·608	− 8·914	− 3	M *m*	...
301					
...	− 2·316	− 3·822	− 4	M *m*	...
...	2·311	+49·810	− 1	M *m*	...
...	2 186	−33·287	− 5	M *m*	...
...	2·177	+52·243	− 4	M *m*	...
...	2·083	+38·902	− 5	M *m*	...
...	− 1·948	+ 0·440	− 3	M *m*	...
...	1·775	+ 2·821	− 2	M *m*	...
*	1·747	+11·699	2·40	45. 9991	8·4
...	1·727	−15·694	− 4	*m*	...
...	1·658	+42·858	− 5	M *m*	...
311					
...	− 1·575	+32·430	− 3	M *m*	...
...	1·545	−58·565	− 5	M	...
...	1·466	−42·567	− 4	...	...
...	1·440	+32·049	0·85	A *m*	...
...	1·396	+24·855	0·90	B *m*	...
...	− 1·291	+36·503	− 4	M *m*	...
...	1·260	−50·499	0·65	...	...
...	1·189	−24·264	0·70	...	...
...	1·120	+ 0·294	− 4	M *m*	...
...	1·084	+36·866	− 5	M *m*	...
321					
...	− 1·013	−53·396	− 2	...	...
...	0·991	−33·015	− 5	M *m*	...
*	0·732	−16·215	1·20	46.10029	10·1
*	0·684	−20·107	0·80	...	...
S *	0·664	−48·110	1·40	46.10030	9·5
†	− 0·598	−44·664	− 5	M	...
...	0·521	+36·369	− 3	M *m*	...
...	0·323	+28·986	0·80	B *m*	...
...	0·235	−15·592	0·70	...	...
...	− 0·166	+27·365	− 4	M *m*	...
331–390					
331					
‡	+ 0·089	−28·859	0·90	...	...
...	0·267	−45·994	0·70	...	...
...	0·555	+42·234	− 5	M *m*	...
...	0·616	+ 3·062	0·75	D *d*	...
...	0·699	+46·416	− 5	M *m*	...
...	+ 0·833	−27·586	0 70	...	...
...	0·929	+32·699	0·70	B *m*	...
...	1·448	+30·406	− 4	M *m*	...
...	1·856	−24·102	− 5	...	...
...	2·114	−35·216	0·65	...	...
341					
...	+ 2·255	+54·928	− 1	M *m*	...
...	2·363	+41·140	− 5	M *m*	...
...	2·386	+51·168	− 1	M *m*	...
...	2·409	− 6·030	0·65	...	...
...	2·524	−12·789	− 5	M *m*	...
...	+ 3·056	+ 9·046	− 3	M *m*	...
...	3·111	−29·061	− 5	M	...
...	3·251	−42·106	− 5	M	...
S *	3·268	+54·654	2·25	45. 9992	8·2
...	3·301	+ 3·344	− 3	M *m*	...
351					
...	+ 3·435	+38·731	− 2	M *m*	...
...	3·693	−11·805	− 2	...	...
...	4·250	+53·082	− 5	M *m*	...
...	4·369	+ 3·598	− 5	M *m*	...
...	4·497	+52·193	− 4	M *m*	...
*	+ 4·624	+20·047	0·90	...	...
...	4·762	−26·435	0·90	...	...
†	5·070	−22·892	− 2	...	...
...	5·241	−56·238	− 5	M	...
...	5·486	−13·765	− 5	M *m*	...
361					
...	+ 5·646	−38·641	− 5	M *m*	...
...	5·699	− 9·132	− 3	M	...
...	5·714	−35·286	− 4	M	...
...	5·764	−51·976	− 5	...	...
*	5·813	+47·712	1·00	...	...
...	+ 5·813	+37·874	− 5	M *m*	...
...	5·887	+44·478	0·90	...	...
...	6·000	− 9·294	− 3	M	...
...	6·346	−39·305	− 3	...	...
...	6·532	+29·966	− 5	M *m*	...
371					
...	+ 6·637	+41·351	− 3	M *m*	...
...	6·663	−39·526	− 2	M	...
...	6·760	−24·962	− 5	M *m*	...
...	6·885	− 1·684	− 5	M *m*	...
...	7·416	+20·336	− 4	*m*	...
...	+ 7·486	−58·809	− 5	M *m*	...
...	7·669	+46·376	− 5	*m*	...
*	7·684	+57·520	1·05	45. 9993	10·5
...	7·776	−38·416	0·70	...	...
...	8·030	+52·292	− 5	*m*	...
381					
...	+ 8·049	−38·682	− 5	*m*	...
...	8·082	+14·865	− 5	*m*	...
...	8·200	−46·006	− 5	*m*	...
...	8·615	+35·874	0·90	...	...
...	8·815	+24·629	− 4	*m*	...
...	+ 8·883	+44·553	− 5	*m*	...
...	9·009	+15·467	− 4	*m*	...
...	9·064	+35·506	− 5	*m*	...
...	9·603	−44·485	0·65	...	...
...	9·649	+ 4·220	0·85	*b*	...
391–450					
391					
...	+ 9·688	+18·487	− 4	*m*	...
*	9·705	−36·535	1·00	46.10031	10·5
†	9·922	−41·714	− 3	...	...
*	10·094	− 5·171	0·95	...	...
...	10·261	+59·784	0·75	*a*	...
...	+10·262	−12·225	− 5	...	...
*	10·267	−17·026	1·20	46.10032	10·2
...	10·926	−12·702	− 5	...	...
†	11·039	− 9·722	− 3	...	...
*	11·332	− 1·228	1·00	46.10033	10·5
401					
...	+11·432	+29·006	− 5	*m*	...
...	11·576	+34·954	0·90	...	...
...	11·833	+36·526	− 2	*m*	...
...	11·908	+33·695	0·70	*m*	...
*	12·108	−17·960	1·35	46.10034	9·6
...	+12·358	−26·758	0·85	...	...
...	12·414	−49·340	− 5	*m*	...
†	12·801	+55·071	− 3	*m*	...
...	12·869	+51·162	− 5	*m*	...
...	12·975	−31·795	− 5	*m*	...
411					
...	+12·998	+ 5·447	0·70	*m*	...
...	13·377	+48·823	0·90	*a*	...
...	13·432	−33·487	0·70	...	...
...	13·596	−42·758	− 5	*m*	...
...	13·637	+28·127	− 4	*m*	...
...	+13·695	+11·617	0·80	*b*	...
...	13·770	−46·715	1·00	...	...
*	13·881	+47·538	1·10	...	...
...	13·965	−13·295	0·70	...	...
...	14·550	−24·065	0·70	...	...
421					
...	+14·808	+37·876	− 4	*m*	...
...	15·053	−35·217	− 4	...	...
...	15·477	− 5·475	− 3	...	...
*	15·814	+16·882	1·15	45. 9994	10·0
...	16·041	−20·391	− 3	...	...
*	+16·195	−15·840	1·05	46.10035	10·5
...	16·276	− 9·132	− 3	...	...
...	16·592	+13·821	− 3	*m*	...
...	17·263	+39·068	− 5	*m*	...
...	17·349	−19·095	− 4	*m*	...
431					
...	+17·507	−17·432	0·70	...	...
*	17·510	−32·733	1·15	46.10036	10·2
...	17·672	− 7·760	− 5	*m*	...
...	17·879	−45·837	− 5	*m*	...
...	18·016	+ 2·133	− 2	*m*	...
*	+18·040	−28·829	1·15	46.10037	10·4
...	18·053	+19·759	− 1	*m*	...
...	18·164	+37·663	− 5	*m*	...
*	18·191	+44·435	1·20	45. 9995	10·2
...	18·353	+32·754	0·80	*b*	...
441					
*	+18·359	+23·623	1·00	...	...
...	18·695	+ 4·039	− 4	*m*	...
...	18·777	+14·479	− 4	*m*	...
...	18·785	−10·211	− 5	*m*	...
...	18·878	− 2·700	− 2	...	...
...	+19·050	−56·239	− 4	...	...
...	19·089	−40·510	− 5	*m*	...
...	19·097	+ 2·347	− 4	*m*	...
...	19·174	+41·487	− 5	*m*	...
*	19·270	+33·078	0·90	*b*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·75.	C.P.D. No.	C.P.D. Mag.
451–510					
451	′	′		°	
…	+19·749	+30·952	− 4	*m*	…
…	19·917	+27·669	− 5	*m*	…
†	20·062	+23·953	− 4	*m*	…
…	20·374	−33·719	0·70	…	…
…	20·452	+53·098	− 5	*m*	…
…	+20·509	−30·455	− 5	*m*	…
*	21·234	−36·594	1·05	46.10038	9·8
*	21·379	+56·490	1·00	45. 9996	10·4
*	21·489	−20·331	1·00	46.10039	10·5
…	21·506	+19·752	− 4	*m*	…
461					
…	+21·528	+54·013	− 5	*m*	…
*	21·731	+52·625	1·00	45. 9997	10·5
…	21·943	− 7·454	− 5	*m*	…
…	22·215	− 6·588	− 5	*m*	…
*	22·231	−58·193	1·15	47. 9540	10·0
…	+22·407	+ 7·001	− 4	*m*	…
*	22·582	−53·060	1·10	46.10040	10·4
*	22·745	−56·799	1·00	…	…
…	22·802	−21·386	− 5	…	…
…	22·845	−33·284	0·80	…	…
471					
…	+22·848	−40·688	− 2	…	…
…	23·317	+ 8·904	− 4	*m*	…
*	23·385	+51·522	1·10	45. 9998	10·4
*	23·543	+ 4·127	0·95	…	…
…	23·803	+37·383	− 3	*m*	…
…	+24·057	−58·171	− 3	…	…
…	24·336	+22·473	− 5	*m*	…
…	24·393	−27·464	− 5	…	…
…	24·539	−54·413	− 2	…	…
…	24·858	+27·235	0·70	*b*	…
481					
†	+25·005	−12·049	− 5	…	…
…	25·123	− 9·162	− 5	*m*	…
…	25·304	+ 6·320	− 3	*m*	…
…	25·362	−35·130	− 2	…	…
…	25·394	−43·469	− 5	*m*	…
…	+25·565	+59·456	− 1	…	…
…	25·649	+39·124	− 2	*m*	…
…	26·584	+46·861	− 4	*m*	…
…	26·647	−39·125	− 5	*m*	…
…	26·882	−24·895	− 5	*m*	…
491					
…	+26·889	+10·387	0·70	*m*	…
…	27·183	+18·847	− 2	*m*	…
…	27·472	−31·621	− 5	…	…
…	27·694	+54·303	− 4	*m*	…
…	27·878	+41·161	− 5	*m*	…
…	+27·930	+19·336	− 3	*m*	…
…	27·947	+47·891	− 1	…	…
…	28·047	−31·731	0·90	…	…
…	28·412	+19·501	0·70	*m*	…
…	28·689	−10·624	− 5	*m*	…
501					
…	+28·740	+16·692	− 5	*m*	…
…	28·934	−35·789	− 3	…	…
…	29·158	−39·929	0·95	…	…
*	29·485	+55·789	1·05	45. 9999	10·0
…	29·690	−11·237	− 5	*m*	…
…	+29 839	−33·914	− 5	*m*	…
*	30·260	−38·568	1·20	46.10041	10·1
…	30 262	+ 1·972	0·70	*m*	…
…	30·385	+28·543	0·80	*a*	…
*	30·472	+28·527	1·00	45.10000	10·4

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·75.	C.P.D. No.	C.P.D. Mag.
511–570					
511	′	′		°	
…	+30·565	− 7·229	− 4	…	…
…	30·660	+17·506	0·85	*a*	…
*	31·052	+32·456	1·25	45.10001	9·8
…	31·180	+48·298	− 5	*m*	…
…	31·296	+36·533	− 5	*m*	…
…	+31·521	+51·461	0·70	*b*	…
…	31·678	−53·444	− 2	…	…
…	31·785	−30·574	− 3	…	…
…	32·050	+16·400	− 5	*m*	…
*	32·611	−51·351	1·20	…	…
521					
…	+33·130	−10·121	− 3	…	…
…	33·158	−13·031	− 3	…	…
…	33·173	−21·809	− 4	…	…
…	33·263	+49·541	− 3	*m*	…
…	33·299	−39·003	0·90	…	…
…	+33·330	− 0·269	− 4	*m*	…
…	33·675	+17·933	− 4	*m*	…
…	33·897	−58·242	− 4	*m*	…
…	34·058	−11·950	− 4	*m*	…
…	34·244	+29·530	− 5	*m*	…
531					
…	+34·415	+30·869	− 4	*m*	…
*	34·683	+32·605	1·20	45.10004	10·1
*	35·065	−47·663	1·10	…	…
…	35·465	+29·240	− 3	*m*	…
†	35·525	+50·022	0·80	…	…
…	+35·615	+49·348	− 1	*m*	…
…	35·711	+38·601	− 3	*m*	…
…	35·834	+14·101	− 5	*m*	…
…	35·889	−14·464	− 4	…	…
*	35·911	−43·832	1·10	46.10042	10·5
541					
…	+36·567	+30·243	− 4	*m*	…
*	36·890	−46·814	1·20	46.10043	10·5
…	37·058	+23·992	− 5	*m*	…
…	37·105	+28·388	0·80	*b*	…
…	37·310	−24·431	− 2	…	…
…	+37·591	+36·567	− 2	*m*	…
*	37·872	−44·576	1·20	46.10044	10·3
…	37·911	− 4·028	− 4	*m*	…
…	38·357	+16·915	− 3	*m*	…
…	38·496	+11·281	− 5	*m*	…
551					
…	+38·501	+10·762	− 5	*m*	…
…	38·732	−13·740	− 5	*m*	…
…	39·107	+ 6·282	− 5	*m*	…
*	39·120	− 1·444	2·00	46.10045	8·8
…	39·699	−29·504	0·70	…	…
…	+39·711	+ 4·606	− 4	*m*	…
…	40·197	+24·081	− 5	*m*	…
…	40·290	−12·944	− 4	…	…
…	40·327	+53·038	− 4	*m*	…
…	41·079	+15·506	− 3	*m*	…
561					
…	+41·407	+42·854	− 5	*m*	…
*	41·796	+ 4·129	1·20	46.10046	9·8
…	42·343	−58·997	− 5	*m*	…
…	42·622	−34·670	0·90	…	…
…	42·690	−37·662	− 5	*m*	…
…	+42·870	− 1·324	0·95	…	…
…	43·175	− 0·210	− 3	*m*	…
…	43·270	−20·295	0·80	…	…
…	43·423	−44·222	− 5	*m*	…
…	43·521	+24·332	− 4	*m*	…

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·75.	C.P.D. No.	C.P.D. Mag.
571–630					
571	′	′		°	
…	+43·540	+15·566	− 3	*m*	…
…	43·783	+23·564	− 5	*m*	…
…	43·902	−39·311	− 5	*m*	…
*	44·022	−10·057	1·50	46.10047	9·1
…	44·255	+33·515	− 5	*m*	…
…	+44·351	+26·095	0·90	…	…
…	44·385	+ 2·710	− 1	*e*	…
…	44·464	−56·080	− 1	…	…
…	44·620	−13·038	0·70	…	…
…	44·789	+53·992	− 5	*m*	…
581					
…	+45·028	−39·887	− 4	…	…
…	45·213	−35·342	− 5	…	…
…	45·236	+34·076	− 5	*m*	…
S *	45·299	+23·799	1·75	45.10006	9·1
…	45·591	− 4·938	0·70	…	…
…	+46·413	− 1·062	0·80	…	…
…	46·428	+23·940	− 2	*e*	…
…	46·621	+10·250	− 2	*m*	…
*	47·158	−43·385	1·00	46.10048	10·5
…	47·355	−39·076	− 5	*m*	…
591					
…	+47·390	− 3·639	− 4	…	…
…	47·633	+ 4·674	− 5	*m*	…
…	48·330	+11·169	0·65	*e*	…
*	48·392	− 7·008	0·95	46.10049	10·5
*	48·402	−33·132	1·00	…	…
…	+48·437	+24·531	0·90	…	…
…	48·920	−10·682	− 4	…	…
…	48·926	+26·402	− 2	*e*	…
…	49·115	+29·081	− 4	*m*	…
…	49·403	−33·497	− 4	…	…
601					
…	+49·430	−48·915	− 5	…	…
…	49·571	− 1·038	0·70	…	…
…	49·578	−17·625	− 5	…	…
S ‡	49·802	−16·195	1·50	46.10050	9·3
†	49·946	+44·348	0·90	…	…
*	+50·081	+30·884	1·20	45.10007	10·3
…	50·430	− 3·593	− 1	…	…
…	50·653	−15·021	− 4	*m*	…
…	51·037	+ 4·127	− 3	*m*	…
…	51·166	− 1·047	0·70	…	…
611					
…	+51·383	+53·439	− 5	*m*	…
…	51·436	+21·977	− 4	*m*	…
…	51·667	+22·040	− 4	*m*	…
*	51·903	+56·636	1·30	45.10008	10·4
…	52·236	−17·332	1·00	…	…
S *	+52·745	−45·751	2·00	46.10052	8·4
…	52·746	+ 8·889	− 5	*m*	…
*	52·877	−20·570	1·20	46.10051	10·0
…	52·965	+32·482	− 2	*e*	…
…	53·162	−18·548	− 2	…	…
621					
*	+53·382	−27·708	1·20	46.10053	9·6
…	53·463	−44·005	− 3	…	…
…	53·491	−32·156	− 5	…	…
…	53·655	−26·957	− 5	…	…
*	53·667	−50·757	1·60	46.10054	9·0
…	+53·738	+36·049	− 5	*m*	…
…	54·065	−10·622	− 5	*m*	…
…	54·128	+ 6·589	− 5	*m*	…
*	54·264	+51·129	1·20	45.10009	10·5
…	54·295	−38·051	− 4	…	…

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·75.	C.P.D. No.	C.P.D. Mag.
631-640					
631					
...	+54·446	+ 8·145	0·75	e	...
...	55·318	−12·443	− 4	...	...
...	55·544	−55·945	− 5	...	...
*	55·736	−21·151	1·10	46.10055	10·0
...	56·336	−35·075	− 4	e	...
...	+56·590	−35·821	− 4	...	...
*	56·605	+56·153	1·40	45.10010	9·6
...	56·736	−22·558	− 5	...	...
...	56·926	−40·262	− 3	...	...
...	57·039	− 4·495	− 5	m	...
641-650					
641					
*	+57·253	−32·176	1·30	46.10056	10·0
S ‡	57·255	+45·049	3·50	45.10011	6·8
...	57·427	+16·951	0·90	e	...
...	57·486	+ 7·139	− 1	e	...
...	57·585	−13·307	− 5	...	...
*	+57·587	−21·203	1·10	46.10057	10·0
...	57·692	−49·321	− 5	...	...
...	57·776	− 5·648	− 1	...	...
...	57·935	−49·451	− 5	...	...
...	58·174	−49·105	− 4	...	...
651-654					
651					
...	+58·660	+20·547	− 4	m	...
...	59·121	− 5·176	− 5	m	...
*	59·320	− 1·465	1·00	...	...
...	59·706	−16·826	− 5	m	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. 0·75.	C.P.D. No.	C.P.D. Mag.
1-40					
1					
...	−59·926	+ 2·467	− 5	E	...
*	59·893	−10·301	1·30	46.10047	9·1
S *	59·671	+23·575	1·60	45.10006	9·1
...	59·198	−13·263	− 5	...	...
...	58·555	+23·750	− 5	E	...
...	−58·489	− 5·133	− 4	...	...
...	57·779	− 1·238	− 2	...	...
...	56·565	+24·398	− 2	...	...
...	56.251	+11·031	− 5	E	...
...	56·121	+26·275	− 4	E	...
11					
...	−55·721	−43·525	− 1	46.10048	10·5
...	55·675	+44·255	− 3	...	...
...	55·620	− 7·129	1·00	46.10049	10·5
‡	55·119	+30·788	1·00	45.10007	10·3
...	54·988	−10·775	− 5	...	...
...	−54·784	−33·243	1·00	...	...
...	54·631	− 1·117	− 4	...	...
...	54·105	+56·587	− 1	45.10008	10·4
S *	53·909	−16·263	1·40	46.10050	9·3
...	53·696	− 3·652	− 5	...	...
21					
...	−53·035	− 1·079	− 4	...	...
...	52·292	+32·472	− 5	E	...
...	51·547	+51·146	− 1	45.10009	10·5
...	51·454	−17·327	− 3	...	...
*	50·703	−20·538	1·10	46.10051	10·0
...	−50·488	−18·521	− 5	...	...
S ‡	50·042	−45·712	2·00	46.10052	8·4
†	50·035	+ 8·198	− 3	E	...
*	49·980	−27·663	1·25	46.10053	9·6
*	49·395	+56·249	1·40	45.10010	9·6
31					
*	−48·974	−50·692	1·60	46.10054	9·0
...	48·538	−12·338	− 5	...	...
S ‡	48·369	+45·208	3·00	45.10011	6·8
*	47·845	−21·037	1·00	46.10055	10·0
...	47·349	+17·097	1·00	E	...
...	−46·988	+ 7·284	− 3	E	...
...	46·803	−34·932	− 5	E	...
...	46·290	− 5·472	− 3	...	...
...	46·225	+20·733	− 5	M	...
...	46·063	−40·092	− 5	...	...
41-80					
41					
*	−45·998	−32·004	1·15	46.10056	10·0
*	45·985	−21·021	1·05	46.10057	10·0
...	44·873	− 1·245	0·85	...	...
...	44·350	− 1·678	− 5	M	...
...	43·972	+10·732	0·65	B	...
...	−43·734	+ 8·916	0·70	A	...
...	43·071	+58·426	− 3	M	...
...	42·806	+44·249	− 4	M	...
*	42·457	− 7·689	1·20	46.10058	9·4
...	41·510	−57·636	− 1	...	...
51					
...	−41·364	+42·491	− 3	M	...
...	41·318	+18·041	0·70	...	...
...	41·104	− 8·528	− 4	...	...
*	39·973	+29·689	0·90	...	...
...	39·766	−45·715	− 5	...	...
...	−39·405	+57·157	− 1	...	...
*	39·268	+ 1·112	1·00	46.10060	10·0
*	39·236	−21·188	1·80	46.10059	8·8
...	38·666	−24·338	− 5	...	...
...	38·504	+19·967	− 2	M	...
61					
...	−38·381	− 4·254	− 5	...	...
...	38·346	+33·729	− 5	M	...
...	38·226	+ 8·038	− 3	M	...
*	38·177	−41·401	1·00	46.10061	10·0
...	38·081	+32·510	− 5	M	...
...	−37·894	−18·920	0·95	...	...
...	37·639	+11·352	− 2	M	...
...	37·075	+32·630	0·95	...	...
*	37·063	−42·989	1·90	46.10062	8·6
...	36·564	+10·421	− 5	M	...
71					
...	−36·224	+ 7·800	− 5	M	...
*	35·688	+ 0·688	1·00	46.10063	10·0
†	35·212	+36·944	0·90	...	...
†	35·211	+51·864	1·00	...	...
†	35·115	+17·114	− 5	M	...
...	−34·717	−36·573	− 5	...	...
...	34·471	−16·167	− 5	...	...
...	34·121	−17·758	− 5	...	...
...	34·121	−58·679	− 1	...	...
...	33·591	+46·879	− 5	M	...
81-120					
81					
...	−33·370	+27·776	− 4	M	...
...	32·660	−50·899	0·90	46.10064	10·0
...	32·305	−25·453	− 2	...	...
...	32·141	− 5·235	0·70	...	...
...	31·769	−11·407	0·75	...	...
†	−31·601	+30·068	− 4	M	...
...	31·154	−44·078	− 4	...	...
...	30·801	−45·302	− 2	...	...
...	30·571	+23·923	0·80	...	...
*	30·543	+50·440	1·10	45.10013	9·8
91					
...	−30·514	+57·567	− 2	M	...
*	30·389	+18·464	1·00	45.10012	10·0
...	30·256	−32·972	− 5	...	...
...	29·956	+20·500	− 2	M	...
...	29·882	+27·127	− 5	M	...
*	−29·264	+30·495	1·00	45.10014	9·8
*	29·133	+21·814	1·00	45.10015	10·0
S *	28·580	+52·104	2·00	45.10016	8·1
...	27·784	−28·079	0·90	...	...
...	27·650	− 1·656	0·70	...	...
101					
S *	−27·472	+ 3·802	1·80	46.10065	8·8
...	27·231	−18·959	− 4	...	...
...	26·972	+21·672	− 5	M	...
...	26·727	+ 3·547	0·70	A	...
...	26·463	+13·831	− 2	M	...
*	−26·238	−15·672	1·20	46.10066	9·6
...	25·938	+ 6·668	0·75	A	...
...	25·894	−17·073	0·70	...	...
*	25·849	−35·278	1·00	46.10067	10·0
...	25·589	+27·129	− 1	B	...
111					
*	−25·552	−25·799	1·10	46.10068	9·3
...	25·496	−26·996	− 3	...	...
...	24·751	+27·715	− 3	M	...
...	24·574	+51·791	0·70	...	...
...	24·557	+15·736	0·80	...	...
...	−23·744	− 7·678	0·70	...	...
*	23·476	−14·887	1·15	46.10069	10·0
...	23·336	+39·862	1·00	...	...
...	22·981	+15·449	0·90	...	...
...	22·701	−34·377	− 5	M	...

L measured from 1, 54, 125, 179, 244, 313.
C ,, ,, 27, 94, 142, 204, 276, 356.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−1.	No.	Mag.
121–180					
121					
...	−22·664	−42·439	− 3	...	...
...	21·587	+59·940	− 3	M	...
...	20·913	+39·023	0·90	...	...
...	20·777	−11·756	1·00	...	...
...	19·607	−32·271	− 4	...	...
...	−19·308	−16·939	− 2	...	...
*	18·153	+ 9·938	1·00	45.10017	10·0
...	17·942	+49·899	− 2	M	...
...	17·419	+53·485	− 5	M	...
...	17·248	+41·941	− 5	M	...
131					
...	−17·228	+ 2·265	− 5	M	...
...	17·126	+10·649	− 5	M	...
...	15·968	+50·507	− 2	M	...
*	15·766	−16·386	1·00	46.10070	10·0
...	15·274	+22·949	− 5	...	...
S*	−15·037	−33·120	1·60	46.10071	8·2
...	14·415	+ 1·372	− 3	M	...
...	13·738	+57·643	− 4	M	...
...	12·907	+34·879	0·70	B	...
*	12·218	+29·256	0·90	...	...
141					
...	−11·358	− 1·753	0·70	...	...
†	9·966	−59·618	1·10	...	...
...	9·650	−30·494	− 3	...	...
*	9·349	−53·456	1·40	46.10072	9·6
...	8·854	−21·641	− 4	...	...
...	− 8·300	+28·730	− 4	M	...
...	8·300	+ 9·149	− 3	M	...
...	7·829	−32·981	− 5	...	...
...	7·650	−32·867	− 4	...	...
...	7·519	+13·601	− 1	B *m*	...
151					
...	− 7·311	+30·425	− 2	M *m*	...
...	6·754	+16·946	0·90	*m*	...
...	6·341	+ 8·848	− 4	M *m*	...
...	6·306	−43·679	− 5	...	...
...	6·193	+27·508	− 3	M *m*	...
...	− 6·189	+32·697	0·70	M	...
...	6·133	+52·652	1·00	...	...
...	5·939	−16·107	0·70	...	...
...	5·068	+ 4·407	0·95	A *m*	...
...	4·907	−44·616	− 4	...	...
161					
...	− 4·397	+25·172	− 5	M *m*	...
...	4·374	−37·551	− 5	...	...
...	3·507	+23·180	− 4	M *m*	...
...	3·396	− 9·624	− 3	...	...
...	3·304	−59·118	− 3	...	...
...	− 3·147	−47·811	− 4	...	...
...	3·086	+ 0·299	− 3	M *m*	...
...	2·956	−48·278	− 1	...	...
...	2·774	+30·009	− 4	M *m*	...
...	2·688	+ 2·893	− 2	M *m*	...
171					
*	− 2·429	−35·902	1·00	46.10073	10·0
...	1·759	+ 6·868	− 1	D *d*	...
...	1·557	−33·504	0·70	...	...
...	0·960	+30·548	0·90	45.10018	10·0
...	0·915	+34·612	0·70	A *m*	...
...	− 0·575	−17·510	− 5	M	...
...	0·412	+24·591	− 4	M *m*	...
...	0·312	−11·956	− 5	...	...
†	0·177	+29·316	− 2	M	...
...	− 0·107	+17·080	− 2	M *m*	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−1.	No.	Mag.
181–240					
181					
...	+ 0·130	−42·724	− 5	...	...
...	0·380	+55·346	− 5	M *m*	...
...	1·459	−30·816	− 2	...	...
...	1·534	+15·330	− 2	M *m*	...
...	1·737	+10·606	− 5	M *m*	...
...	+ 2·093	+17·884	− 4	M *m*	...
...	2·395	− 1·245	− 3	...	...
...	2·438	−17·756	− 2	...	...
...	2·864	+50·328	− 3	M *m*	...
*	3·464	+24·103	1·00	45.10019	10·0
191					
...	+ 4·144	−41·769	− 4	...	...
...	4·554	+11·155	− 2	M *m*	...
†	4·819	+ 2·360	− 5	M *m*	...
†	4·835	+49·388	− 4	M *m*	...
...	5·044	−16·814	− 4	...	...
S*	+ 5·454	−13·190	3·00	46.10074	7·3
...	6·506	+33·348	− 5	M *m*	...
...	6·997	+25·871	− 2	M *m*	...
...	7·193	+31·090	− 4	*m*	...
*	7·757	+ 4·341	2·00	46.10075	8·6
201					
...	+ 8·252	−14·612	0·90	...	...
...	8·975	+17·707	− 5	*m*	...
...	9·070	−38·571	0·90	...	...
*	10·165	− 9·525	1·00	46.10076	10·0
...	10·216	+55·367	− 5	*m*	...
*	+10·239	+48·940	1·20	45.10020	9·4
...	10·534	+38·574	− 1	...	...
*	10·798	−39·347	1·10	46.10077	10·0
...	10·832	−56·225	− 3	...	...
*	11·122	−24·528	1·10	46.10078	10·0
211					
...	+11·500	−22·547	− 5	...	...
...	11·669	−41·370	− 5	...	...
S*	11·756	+25·009	1·90	45.10021	8·4
...	12·937	−45·876	− 5	*m*	...
*	12·976	−45·255	1·30	46.10079	9·6
...	+13·104	−38·499	− 4	...	...
...	13·253	+ 9·169	0·70	...	...
...	13·285	+48·495	− 4	*m*	...
†	13·347	−29·737	− 4	...	...
...	13·747	−22·177	− 3	...	...
221					
...	+13·857	−27·205	− 5	...	...
*	14·106	−11·494	1·20	46.10080	9·6
...	14·936	+20·736	− 5	*m*	...
...	15·399	−34·283	− 5	...	...
...	15·427	−42·107	− 4	...	...
...	+16·022	− 5·542	− 2	...	...
...	16·719	−35·781	− 3	...	...
...	16·937	−39·095	0·90	...	...
...	17·410	+36·366	− 3	*m*	...
...	17·640	−46·341	− 4	...	...
231					
...	+17·678	−31·819	0·80	...	...
*	17·695	− 1·839	1·10	46.10081	9·8
*	17·920	− 2·346	1·20	46.10082	10·0
...	17·990	+35·938	0·90	45.10022	10·0
...	18·185	−35·472	− 4	...	...
...	+18·488	−21·357	0·85	...	...
...	18·726	+59·459	− 5	*m*	...
...	19·041	−18·153	− 5	...	...
*	19·222	−10·243	1·00	...	...
...	19·307	+ 2·128	− 4	*m*	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−1.	No.	Mag.
241–300					
241					
...	+19·328	−11·202	− 3	...	...
...	19·368	+18·447	− 5	*m*	...
...	19·491	−27·988	− 3	...	...
...	19·871	− 9·617	− 4	...	...
...	21·321	−42·512	− 5	...	...
...	+22·435	+22·650	− 5	*m*	...
...	22·436	−42·886	− 5	...	...
S*	22·542	+48·562	1·20	45.10023	9·4
...	22·762	−36·803	0·75	...	...
...	22·921	+43·844	0·95	...	...
251					
...	+23·022	−50·126	1·00	46.10083	10·0
...	23·177	+36·735	0·70	...	...
...	23·651	+ 3·513	− 4	*m*	...
*	23·653	− 4·355	1·50	46.10084	8·8
...	23·914	+19·210	− 4	*m*	...
...	+24·127	−11·997	− 5	...	...
...	24·275	+ 7·277	0·80	*b*	...
...	24·323	− 1·429	0·90	46.10085	10·0
‡	24·721	+25·744	1·20	45.10024	9·2
...	24·961	+28·273	− 4	*m*	...
261					
...	+25·002	+52·250	− 1	...	...
...	25·521	+47·912	− 1	...	...
...	25·655	+51·201	0·95	...	...
...	25·902	−19·931	− 3	...	...
...	25·991	−30·653	− 5	...	...
...	+26·378	−32·837	− 4	...	...
...	26·712	+14·182	− 4	*m*	...
S*	26·798	−35·903	4·00	46.10086	6·7
...	27·483	+44·613	− 4	*m*	...
...	28·000	−54·230	− 4	...	...
271					
...	+28·388	+48·423	− 1	...	...
...	28·713	+58·877	− 4	*m*	...
...	28·787	−13·149	0·75	...	...
...	29·546	−31·402	− 5	...	...
†	29·664	−29·241	0·65	...	...
*	+30·675	+46·673	1·20	45.10025	9·8
...	30·679	−25·679	− 1	...	...
*	30·688	+ 6·640	1·00	45.10026	10·0
...	30·893	+26·856	− 5	*m*	...
...	31·156	+31·869	− 3	*m*	...
281					
...	+31·399	+56·928	1·00	45.10027	10·0
*	31·409	+33·603	1·35	45.10028	9·0
...	31·697	−45·010	− 1	...	...
...	33·034	−17·239	− 2	...	...
...	33·074	−23·398	− 3	...	...
...	+33·220	+ 1·400	− 5	*m*	...
...	33·387	−11·664	− 3	...	...
...	33·469	−45·308	− 5	...	...
...	35·142	−33·722	0·90	...	...
...	35·196	+59·746	1·00	45.10029	10·0
291					
...	+35·203	−19·262	0·90	...	...
...	35·481	+ 1·594	− 4	*m*	...
...	35·512	+12·228	0·75	...	...
...	35·539	−14·314	− 3	...	...
...	35·581	−53·000	− 4	...	...
*	+36·385	+ 4·009	1·05	46.10087	9·8
...	36·411	+36·026	0·90	...	...
...	36·421	−18·123	0·95	...	...
...	36·561	−11·619	0·85	...	...
...	37·120	+37·370	− 5	*m*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
301–330					
301	′	′		°	
...	+37·234	−20·422	− 5	...	...
...	37·527	+27·603	− 5	*m*	...
...	37·788	+20·421	− 4	*m*	...
...	38·069	−19·545	− 4	...	...
...	38·085	+21·076	− 5	*m*	...
...	+38·207	− 0·953	0·80	...	...
...	38·309	+ 0·791	− 5	*m*	...
...	38·317	+51·501	− 1	...	...
...	38·510	−51·246	− 1	...	...
...	38·779	+33·059	0·80	...	...
311					
...	+38·887	− 3·045	− 2	...	...
...	39·190	−31·290	− 5	...	...
*	40·142	−22·473	1·10	46.10088	9·0
*	40·343	−13·562	1·10	46.10089	9·3
...	40·483	+30·865	0·95	45.10030	10·0
...	+40·547	−15·382	− 5	...	...
...	40·955	−38·713	− 5	...	...
*	40·975	+44·168	1·10	45.10031	9·0
...	41·535	+27·498	− 5	*m*	...
*	41·683	− 6·667	1·00	46.10090	9·6
321					
...	+41·738	−27·997	− 5	...	...
...	42·190	− 2·950	− 2	...	...
...	42·242	+40·204	− 4	*m*	...
...	42·426	−29·859	− 1	...	...
...	42·579	+40·207	− 4	*m*	...
...	+42·587	+22·774	− 3	*m*	...
...	42·620	−42·720	1·00	46.10091	10·0
...	42·700	−56·045	− 1	...	...
...	42·714	+50·967	− 3	...	...
...	42·879	+26·298	− 5	*m*	...
331–360					
331	′	′		°	
...	+42·934	+46·586	− 1	45.10032	10·0
...	43·325	−26·521	− 5	...	...
...	43·391	+52·670	− 4	*m*	...
...	43·513	− 7·428	− 2	...	...
...	43·918	−58·455	− 1	...	...
...	+44·020	−18·355	0·90	...	...
...	44·098	+22·191	− 5	*m*	...
‡	44·617	+32·026	1·00	45.10033	9·8
...	44·985	−10·575	− 4	...	...
...	45·396	+32·951	− 5	*e*	...
341					
...	+45·780	−24·324	− 2	...	...
...	46·210	−27·569	0·90	46.10092	10·0
S *	46·276	+46·242	1·40	45.10034	9·2
...	46·704	−13·652	− 4	*e*	...
...	46·710	−58·295	− 5	...	...
*	+47·028	+15·975	1·00	45.10035	9·8
...	47·991	−19·546	− 5	...	...
...	48·088	−47·600	− 5	...	...
...	48·349	+22·369	− 5	*e*	...
...	48·365	+51·828	− 4	...	...
351					
*	+48·424	+10·038	1·10	45.10036	9·8
...	48·565	+ 9·745	− 5	*e*	...
...	48·725	−27·154	− 5	...	...
...	49·262	+27·863	− 5	*e*	...
...	49·562	+ 6·371	− 5	*e*	...
...	+49·830	−38·652	− 2	...	...
...	49·849	+32·816	− 1	*e*	...
...	50·061	−10·561	− 3	...	...
...	50·162	− 8·095	− 5	...	...
...	50·656	−53·189	− 5	...	...
361–381					
361	′	′		°	
*	+50·831	+ 9·790	1·25	45.10037	9·6
...	50·956	−11·446	− 2	...	...
...	51·217	−30·324	− 5	...	...
*	51·343	+32·579	1·00	45.10038	10·0
...	51·706	−44·838	− 1	...	...
...	+51·788	+26·477	0·90	...	...
...	52·394	+38·246	1·10	45.10039	10·0
...	53·238	−19·391	0·70	...	...
*	53·262	+14·609	1·00	...	...
...	53·907	−34·391	− 5	...	...
371					
*	+54·161	+12·960	0·90	...	...
...	54·263	+25·671	− 2	...	...
...	54·315	−11·298	− 1	...	...
‡	54·617	+27·170	1·30	45.10040	9·4
...	55·057	+ 4·326	− 2	*e*	...
...	+55·329	+31·822	− 4	*e*	...
...	55·813	−39·944	− 5	...	...
...	56·491	−26·430	− 4	...	...
...	57·203	+ 1·619	− 4	*e*	...
...	57·390	−40·223	− 1	...	...
381					
*	+57·714	+ 5·307	1·00	45.10041	10·0

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
1–20					
1	′	′		°	
†	−60·261	−42·993	1·00	46.10091	10·0
...	59·861	+32·725	− 2	E	...
...	59·765	−56·321	− 4	...	...
...	59·624	−18·607	1·00	...	...
S *	59·392	+46·036	1·55	45.10034	9·2
...	−58·909	−10·792	− 2	...	...
...	58·480	−58·681	− 1	...	...
*	57·687	+15·812	1·30	45.10035	9·8
...	57·680	−24·514	0·80	...	...
...	57·481	+51·690	− 1	...	...
11					
...	−57·261	+ 4·665	− 5	M	...
...	57·147	−27·735	− 1	46.10092	10·0
...	57·094	−13·815	− 4	E	...
...	57·040	+29·998	− 5	M	...
...	56·588	+22·239	− 5	E	...
*	−56·114	+ 9·919	1·40	45.10036	9·8
...	55·966	+ 9·624	− 5	E	...
...	55·831	+27·769	− 4	E	...
...	55·705	−58·438	− 5	...	...
...	55·618	−19·664	− 5	...	...
21–40					
21	′	′		°	
†	−55·404	+32·728	− 2	E	...
...	54·865	+ 6·293	− 5	E	...
...	54·653	−27·232	− 5	...	...
...	54·637	−47·706	− 5	...	...
...	53·906	+32·542	1·00	45.10038	10·0
...	−53·837	−10·618	0·70	...	...
...	53·820	− 8·145	− 5	...	...
‡	53·689	+ 9·751	1·10	45.10037	9·6
...	53·265	+26·457	1·00	...	...
...	53·176	−38·701	− 3	...	...
31					
*	−53·032	+38·243	1·00	45.10039	10·0
...	52·909	−11·469	0·70	...	...
...	52·047	−30·335	− 5	...	...
...	51·911	−53·212	− 5	...	...
*	51·425	+14·643	1·00	...	...
...	−51·104	−44·828	− 1	...	...
...	50·777	+25·726	0·70	...	...
*	50·481	+13·021	0·95	...	...
‡	50·433	+27·243	1·20	45.10040	9·4
†	50·398	−19·345	− 2	...	...
41–60					
41	′	′		°	
...	−50·085	+48·477	− 5	M	...
...	49·903	+31·910	− 2	E	...
...	49·719	−33·157	− 5	M	...
...	49·560	−11·219	0·70	...	...
...	49·545	+50·930	− 3	M	...
...	−49·310	+ 4·422	0·90	E	...
...	49·254	−34·321	− 3	...	...
...	48·906	−30·980	− 4	...	...
...	48·895	−18·322	− 5	...	...
...	48·291	+20·246	− 5	M	...
51					
...	−47·224	+26·249	− 5	M	...
...	47·169	−39·799	− 2	...	...
...	47·074	+ 1·785	− 1	E	...
...	46·919	−26·270	− 3	...	...
...	46·879	−45·625	− 5	...	...
*	−46·683	+ 5·485	1·00	45.10041	10·0
...	46·193	− 3·772	− 5	M	...
†	45·571	−40·018	0·75	...	...
...	44·870	+51·022	0·80	...	...
...	44·664	−57·591	− 5	...	...

L measured from 1, 76, 155, 224, 284, 362.
C „ „ 41, 115, 187, 250, 318, 388.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
61–120					
61	′	′		°	
…	−44·499	+32·249	− 3	M	…
…	44·237	−38·128	− 5	…	…
…	43·059	+11·928	− 5	M	…
…	42·301	−53·249	− 3	…	…
†	42·098	− 5·174	0·70	…	…
…	−42·090	− 1·991	− 2	…	…
*	41·985	+58·387	1·20	45.10042	10·0
…	41·515	+ 5·526	0·90	…	…
…	41·338	− 6·408	− 4	…	…
…	41·337	− 3·469	− 5	…	…
71					
…	−41·277	−47·260	− 4	…	…
…	41·246	−35·940	− 5	M	…
*	41·081	−26·090	1·00	46.10093	10·0
…	40·931	− 8·872	− 1	…	…
†	40·384	−59·293	− 1	47. 9590	10·0
…	−40·049	− 6·548	0·80	…	…
…	38·952	−21·328	0·70	…	…
…	38·431	+29·430	− 5	M	…
…	38·344	−55·167	− 4	…	…
*	38·180	−59·852	3·00	47. 9592	7·2
81					
…	−37·990	+13·288	− 5	M	…
*	37·701	−55·597	1·20	47. 9593	9·8
…	37·606	+48·423	1·00	…	…
…	37·406	+16·989	0·80	B	…
…	36·888	−42·542	0·80	…	…
…	−36·867	−41·469	0·70	…	…
S *	36·773	−11·916	2·00	46.10094	8·8
…	36·696	+14·539	0·70	B	…
…	36·635	+55·342	− 5	M	…
…	36·544	+38·402	0·80	…	…
91					
*	−36·353	+58·903	1·00	45.10044	10·0
S *	36·286	+18·136	2·20	45.10043	7·5
…	36·019	−46·814	− 3	…	…
*	35·537	−16·763	1·00	46.10095	9·6
…	35·502	− 5·317	− 4	M	…
…	−35·496	−36·846	− 5	…	…
*	35·171	+17·619	1·10	…	…
…	34·651	−41·973	− 5	…	…
…	34·599	+15·243	− 5	M	…
*	34·460	+18·510	1·20	45.10045	9·4
101					
…	−34·279	−21·298	0·90	…	…
…	34·188	+11·178	0·75	A	…
…	34·150	+12·218	− 5	M	…
…	34·103	− 7·362	− 5	…	…
…	34·074	−21·706	− 4	…	…
…	−33·828	+14·499	0·90	…	…
*	33·595	+54·901	1·25	45.10046	9·4
…	33·550	+23·609	− 3	M	…
…	32·269	−57·863	0·90	…	…
…	31·930	+ 6·807	− 5	M	…
111					
…	−31·826	−57·261	0·65	…	…
…	30·963	+36·079	− 5	M	…
…	30·622	+57·363	0·90	…	…
…	30·492	+ 7·454	− 4	M	…
…	29·842	+41·853	− 2	B	…
…	−29·759	−17·011	− 4	…	…
…	29·276	+ 7·600	− 5	M	…
…	28·947	+ 4·568	− 3	M	…
S *	28·199	−50·680	1·40	46.10096	8·8
…	27·691	+32·317	− 1	B	…

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
121–180					
121	′	′		°	
…	−27·548	−18·022	− 5	…	…
…	26·756	+38·854	− 4	M	…
…	25·772	+16·112	0·75	…	…
…	25·708	−19·246	0·80	…	…
‡	25·495	−42·721	1·40	46.10097	8·8
…	−25·256	+ 1·461	− 4	M	…
…	24·907	+ 8·453	− 5	M	…
…	24·582	−39·565	− 2	…	…
…	24·099	+44·961	0·90	45.10047	10·0
‡	23·642	−49·996	1·35	46.10098	8·8
131					
…	−23·570	+22·410	− 5	M	…
…	23·465	+36·601	− 4	M	…
…	23·284	−33·633	− 5	…	…
…	23·174	− 6·328	− 3	…	…
…	23·110	+34·203	0·90	…	…
…	−22·973	+21·551	− 3	M	…
*	22·764	+45·526	1·00	…	…
…	22·761	+43·764	− 5	M	…
…	22·712	−12·001	0·70	…	…
*	22·502	+ 4·307	1·30	46.10099	9·6
141					
…	−22·359	−28·996	− 3	…	…
*	22·120	+31·491	1·35	45.10048	9·0
*	22·058	− 6·614	1·40	46.10100	9·0
…	21·652	+54·898	− 3	M	…
†	21·471	−40·050	− 4	…	…
…	−21·353	+12·349	− 3	M	…
…	21·184	+16·710	0·70	A	…
*	21·030	−58·599	3·00	47. 9598	7·5
…	20·982	+32·549	− 3	M	…
…	20·970	−41·917	− 3	…	…
151					
…	−20·947	+48·101	− 3	M	…
…	20·793	−12·466	− 5	…	…
…	20·626	−22·528	− 5	…	…
…	20·517	+31·678	− 3	M	…
…	18·861	−49·535	1·00	…	…
…	−18·728	+ 3·444	− 3	M	…
*	18·437	+26·806	1·15	45.10050	9·0
*	18·343	+16·316	1·30	45.10049	8·8
S *	17·800	+14·125	2·70	45.10051	8·4
…	17·686	−33·474	− 5	…	…
161					
…	−17·609	−16·877	− 5	…	…
…	17·356	+12·985	− 5	M	…
…	17·336	+50·693	− 2	B	…
…	17·129	+43·170	− 5	M	…
…	16·916	+ 3·368	− 3	M	…
*	−16·594	−36·753	2·00	46.10101	8·8
…	16·344	− 3·490	− 5	…	…
…	16·322	−55·697	− 5	…	…
…	15·973	−26·980	− 5	…	…
*	15·909	−45·420	1·00	46.10102	10·0
171					
*	−15·525	−40·375	1·00	46.10103	9·6
*	14·844	−37·952	1·00	46.10104	10·0
…	14·786	−25·295	− 5	…	…
…	14·761	+23·036	− 5	M	…
…	14·696	+ 7·078	0·90	45.10052	10·0
…	−14·584	−49·569	− 1	…	…
…	14·319	−24·048	0·70	…	…
…	14·196	− 6·961	0·90	46.10105	10·0
…	13·666	+17·248	0·80	B	…
…	13·117	+59·349	− 2	…	…

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
181–240					
181	′	′		°	
…	−13·066	+42·422	− 5	M	…
…	12·421	−51·029	− 5	…	…
…	11·672	−30·844	− 4	…	…
S *	11·387	+46·317	1·20	45.10053	9·3
…	11·062	−11·651	− 4	…	…
…	−10·704	−19·612	− 5	…	…
…	10·358	−39·508	− 3	…	…
…	9·774	+44·425	0·70	B	…
…	9·524	−19·780	− 4	…	…
…	9·234	+25·132	0·70	A	…
191					
…	− 9·009	− 7·852	− 1	…	…
…	8·558	+ 9·762	0·90	…	…
…	8·410	−41·886	− 3	…	…
…	8·304	+33·136	− 2	B	…
…	8·127	+54·869	− 1	C	…
…	− 7·683	− 6·005	− 5	*m*	…
*	7·681	+18·559	1·15	45.10055	9·6
…	7·376	+37·989	− 5	M	…
*	6·843	−15·863	1·00	46.10106	10·0
…	6·782	−19·787	− 4	*m*	…
201					
…	− 6·038	+ 6·881	− 2	M	…
…	5·964	+ 6·771	− 1	M	…
…	5·672	+40·110	− 5	M *m*	…
…	4·709	+36·228	− 3	M	…
…	4·602	+40·776	0·70	M	…
…	− 4·562	+51·473	− 5	M	…
…	4·503	+12·823	− 5	M *m*	…
…	3·977	−47·215	− 2	…	…
S *	3·922	−10·693	1·20	46.10107	9·6
…	3·552	−56·080	− 2	…	…
211					
…	− 3·462	+ 6·231	− 5	M *m*	…
…	3·318	−57·175	0·75	…	…
…	2·757	−42·807	− 4	…	…
…	2·652	−32·391	− 4	…	…
…	2·553	+58·169	− 5	M *m*	…
…	− 2·457	−13·160	− 1	…	…
…	2·008	−49·865	− 4	…	…
…	1·926	−14·812	− 2	…	…
…	1·685	−20·823	− 3	…	…
…	1·533	−24·794	− 3	…	…
221					
…	− 1·317	−22·704	− 1	…	…
…	1·004	+ 3·762	0·85	M	…
…	0·999	−22·123	− 1	…	…
*	− 0·149	+ 3·637	1·20	46.10108	9·3
…	+ 0·212	−27·215	0·80	…	…
…	+ 0·251	+51·520	− 5	M	…
…	0·317	+12·442	0·70	M	…
…	0·373	−18·364	− 5	…	…
…	0·453	+45·209	− 3	M	…
…	1·082	+52·563	− 2	M	…
231					
…	+ 1·332	−53·690	0·95	…	…
…	2·033	+46·872	− 4	M	…
…	2·059	−56·133	− 5	…	…
…	2·209	−28·651	− 5	…	…
*	2·502	−25·260	1·50	46.10109	9·0
…	+ 2·785	−25·234	0·65	…	…
…	2·966	−56·466	− 4	…	…
…	3·731	−57·146	− 3	…	…
…	4·061	+31·790	− 4	M	…
…	5·100	−48·295	− 2	…	…

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
241–300					
241					
...	+ 5′318	+54′295	− 4	M	...
...	5·484	+49·801	− 5	M	...
...	6·778	−28·846	− 5	...	...
...	7·404	+ 6·429	0·90	M	...
*	7·439	− 2·908	1·20	46.10110	9·8
...	+ 7·483	+28·694	0·65	...	...
...	8·312	+ 1·148	− 5	...	...
...	8·763	+40·754	− 5	...	...
S *	9·188	−39·232	2·00	46.10111	8·6
‡	9·519	+34·609	1·20	45.10056	9·8
251					
...	+ 9·980	+30·994	− 3	...	...
...	10·185	+ 0·751	0·85	...	...
*	10·902	−51·869	1·40	46.10112	8·8
...	11·348	− 0·543	− 4	*m*	...
...	11·351	+35·902	− 3	...	...
...	+11·367	+51·249	− 4	...	...
...	12·293	+13·839	− 5	...	...
...	12·526	−12·799	− 5	...	...
...	12·533	−57·322	− 5	...	...
*	12·669	−27·096	1·20	46.10113	9·8
261					
...	+12·676	+55·024	− 3	...	...
...	12·795	+ 3·816	− 1	...	...
...	12·922	−12·568	− 1	...	...
...	13·229	−59·410	− 5	*m*	...
...	13·908	+26·020	− 4	...	...
...	+14·165	−41·537	− 5	...	...
...	14·273	+32·206	1·00	45.10057	10·0
...	14·311	+11·566	− 5	...	...
†	14·461	−12·514	0·80	...	...
...	14·580	+27·084	0·80	...	...
271					
...	+14·776	+16·752	0·85	...	...
...	14·998	−10·758	0·75	...	...
*	15·034	+ 1·435	1·00	46.10114	10·0
S *	15·054	+41·968	1·60	45.10058	8·8
...	16·529	−29·069	− 3	...	...
...	+16·671	+17·652	− 5	*m*	...
...	16·794	− 5·706	− 3	...	...
...	17·068	− 1·687	− 3	...	...
...	17·156	−20·131	− 3	...	...
...	17·670	+32·185	− 3	*a*	...
281					
...	+17·787	−48·423	− 1	...	...
...	19·001	+31·037	0·70	...	...
*	19·291	+53·573	1·20	45.10059	9·6
...	19·583	−38·212	0·70	...	...
*	20·030	+18·775	1·00	45.10060	9·8
...	+20·150	− 0·806	− 3	...	...
...	20·169	+28·183	− 5	...	...
...	20·452	+40·653	− 3	*a*	...
...	20·714	− 7·792	0·70	...	...
*	20·781	−57·738	1·35	47. 9614	9·3
291					
*	+20·831	−13·870	1·60	46.10115	9·3
...	21·148	−10·261	− 5	...	...
†	21·315	−25·015	0·95	...	...
...	21·338	−37·638	− 3	...	...
...	21·621	+29·360	0·70	...	...
...	+22·281	+35·153	0·70	...	...
...	22·595	−48·286	− 4	...	...
...	22·763	+12·683	− 5	...	...
...	23·165	−48·350	− 2	...	...
*	23·267	+ 8·054	1·00	45.10061	10·0
301–360					
301					
†	+24′467	+15′873	− 2	...	...
*	25·474	−29·525	0·95	46.10116	10·0
...	25·754	+13·984	− 5	*m*	...
...	25·977	−41·038	− 5	*m*	...
...	26·604	−49·819	− 5	*m*	...
...	+26·630	−19·736	− 5	...	...
...	26·842	− 5·911	− 1	...	...
...	26·920	+19·151	− 5	*m*	...
...	27·092	−20·271	− 4	...	...
...	27·132	−52·358	− 5	...	...
311					
...	+27·476	+ 6·604	0·65	...	...
*	27·630	+57·639	1·00	45.10062	10·0
...	27·804	− 5·193	0·70	...	...
...	28·103	−57·778	0·95	...	...
‡	28·396	+24·852	1·00	45.10063	10·0
...	+28·665	+16·276	− 3	...	...
...	29·076	+32·606	0·90	45.10064	10·0
...	29·725	− 2·697	0·65	...	...
...	29·798	+35·738	− 4	...	...
...	30·028	+36·129	0·70	...	...
321					
...	+30·151	−14·454	0·70	...	...
...	30·520	+15·666	− 3	...	...
...	30·806	−30·272	− 3	...	...
...	31·490	+47·693	− 3	...	...
...	32·216	−39·749	− 4	...	...
...	+32·387	+38·912	− 4	*m*	...
...	32·389	+13·742	− 4	*m*	...
*	32·521	−25·668	1·00	...	...
...	32·768	+24·478	− 2	...	...
...	32·783	−46·505	0·75	...	...
331					
...	+33·001	−30·289	− 4	...	...
...	33·075	−48·321	− 4	...	...
*	33·086	+12·244	1·00	45.10065	10·0
...	33·261	−14·596	0·70	...	...
...	33·657	−11·811	− 5	*m*	...
...	+34·136	− 6·190	− 5	*m*	...
...	34·341	− 4·823	− 4	*m*	...
†	34·383	− 1·762	− 3	...	...
†	34·537	+54·681	− 3	...	...
...	34·643	−19·550	0·70	...	...
341					
...	+34·677	−41·846	− 5	*m*	...
...	34·708	−12·565	0·70	...	...
...	34·951	−17·859	− 4	...	...
*	35·406	−50·500	1·10	46.10118	10·0
S *	35·593	− 0·614	1·20	46.10117	9·4
...	+35·824	−15·405	− 5	*m*	...
...	36·081	+21·657	0·70	...	...
*	36·097	−38·692	1·15	46.10119	9·6
...	36·472	−47·240	− 4	...	...
...	36·473	−10·615	− 3	...	...
351					
*	+36·886	+51·984	1·20	45.10066	9·6
...	36·935	+38·044	− 4	*m*	...
...	37·046	+51·544	− 3	...	...
...	37·276	−43·026	− 5	*m*	...
...	37·339	−12·339	− 4	...	...
...	+37·744	+18·235	− 2	...	...
N * [	38·517	+17·500	2·00	45.10067	8·8
...	38·571	+21·459	0·70	...	...
...	38·864	+38·351	− 4	*m*	...
...	38·977	+52·619	− 5	*m*	...
361–404					
361					
...	+39·009	+10·261	− 3	...	...
...	39·561	+ 4·194	0·95	46.10120	10·0
...	39·758	+25·231	− 4	...	...
...	40·593	+21·576	− 5	*m*	...
...	41·010	−13·133	− 2	...	...
*	+41·057	+56·047	1·20	45.10068	9·6
...	41·420	+39·385	0·80	...	...
...	41·597	+42·239	− 5	*m*	...
‡	41·876	+ 4·841	1·00	46.10121	9·8
...	42·027	+44·249	− 5	*m*	...
371					
...	+42·204	−19·861	− 5	...	...
...	42·478	+19·176	0·95	...	...
...	42·514	−12·107	− 2	...	...
*	43·035	−47·315	1·00	46.10122	10·0
...	43·239	+42·148	− 4	...	...
...	+45·027	−16·270	0·85	...	...
...	45·047	+ 3·816	− 5	...	...
...	45·235	+49·575	− 5	...	...
*	45·253	+29·344	1·20	45.10069	9·6
*	45·767	+ 1·594	1·40	46.10123	9·3
381					
...	+45·880	− 9·913	0·65	...	...
...	45·966	− 1·243	− 4	*e*	...
...	46·312	+55·688	− 5	...	...
...	46·651	−22·955	− 5	...	...
...	46·929	+27·525	0·65	...	...
...	+46·950	+10·261	0·70	...	...
*	48·954	−32·068	0·95	46.10124	10·0
...	50·694	−38·093	0·70	...	...
*	51·224	−13·155	1·00	46.10125	10·0
...	51·694	+43·466	− 4	...	...
391					
†	+51·907	−15·031	− 3	...	...
...	51·980	−55·408	− 5	*m*	...
...	52·512	+59·040	− 5	...	...
...	52·851	+22·365	− 4	...	...
*	53·561	−44·425	1·00	46.10126	10·0
...	+53·725	+22·766	1·00	...	...
...	55·682	−27·265	0·70	...	...
...	56·700	+21·416	− 4	...	...
...	56·805	−35·084	0·65	...	...
...	56·890	−45·083	− 4	...	...
401					
...	+57·156	+42·736	0·80	...	...
...	57·188	+ 3·091	− 2	...	...
...	58·035	+40·684	0·95	...	...
...	59·029	+38·706	− 3	...	...

357. Mass. 45°·126, two stars.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1–60					
1	′	′		°	
*	−59·888	+29·113	1·20	45.10069	9·6
*	59·731	−47·577	1·15	46.10122	10·0
...	59·317	+ 3·594	− 5	...	...
...	58·824	−44·829	− 5	M	...
...	58·696	−16·484	0·90	...	...
*	−58·518	+ 1·391	1·30	46.10123	9·3
...	58·242	− 1·434	− 5	E	...
...	58·156	+27·345	− 3	...	...
...	57·611	+10·101	− 2	...	...
...	56·852	−23·113	− 5	...	...
11					
*	−54·288	−32·157	1·00	46.10124	10·0
...	53·894	+43·442	− 5	...	...
*	52·587	−13·179	1·00	46.10125	10·0
...	52·358	−38·125	− 1	...	...
...	52·098	+22·395	− 4	...	...
†	−51·861	−15·038	− 5	...	...
...	51·586	−22·291	− 5	...	...
...	51·220	+22·808	1·00	...	...
...	50·659	+19·653	− 5	M	...
...	49·949	−29·165	− 5	M	...
21					
...	−49·291	−44·357	1·15	46.10126	10·0
...	48·420	+42·879	− 1	...	...
...	48·200	+21·554	− 4	...	...
...	47·705	−27·135	− 2	...	...
...	47·467	+40·859	1·00	...	...
...	−47·144	+ 3·245	− 1	...	...
...	46·564	+17·240	− 5	M	...
...	46·409	+38·915	− 2	...	...
...	46.333	−34·911	0·75	...	...
...	45·933	−44·913	− 5	...	...
31					
...	−45·165	+43·490	− 3	...	...
...	43·970	− 4·500	− 4	...	...
...	43·847	− 1·325	− 3	...	...
†	43·620	+ 9·878	− 3	...	...
...	43·541	− 8·672	− 5	...	...
...	−43·427	− 3·586	− 4	...	...
...	43·304	− 1·769	− 5	M	...
...	43·097	−38·361	− 5	M	...
...	42·986	−21·982	− 4	...	...
...	42·943	−55·054	− 5	M	...
41					
...	−42·879	+14·362	0·90	...	...
...	42·614	+28·960	1·05	45.10070	10·0
...	42·320	−15·888	0·90	...	...
...	42·138	−43·169	− 4	...	...
...	41·290	+ 9·973	0·90	...	...
...	−41·073	+26·764	0·95	45.10071	10·0
...	40·830	−42·098	0·80	...	...
...	38·925	− 4·037	0·80	...	...
...	38·330	−31·567	− 4	...	...
*	38·254	−50·573	1·00	46.10127	10·0
51					
...	−37·974	+49·351	0·95	...	...
*	37·901	−26·928	1·10	46.10128	9·6
...	37·898	+24·025	− 5	M	...
S *	37·637	− 9·002	2·80	46.10129	8·0
...	36·567	+55·374	− 5	...	...
*	−36·557	−34·303	1·00	...	...
...	36·549	+ 5·936	− 5	M	...
...	36·453	+39·473	− 4	...	...
...	35·977	+26·035	− 5	...	...
...	35·957	+53·682	− 4	...	...
61–120					
61	′	′		°	
...	−35·418	−58·775	− 3	...	...
*	34·963	+44·293	1·00	45.10073	10·0
*	34·721	+10·030	1·00	45.10072	10·0
...	34·708	+24·427	− 5	...	...
*	34·062	−44·708	1·60	46.10130	8·8
...	−34·029	−27·069	0·75	...	...
...	33·770	−34·425	− 5	...	...
*	32·990	+40·222	1·00	45.10075	10·0
...	32·512	−28·629	− 2	...	...
...	32·442	+19·154	0·70	...	...
71					
...	−32·428	−58·631	− 4	...	...
...	32·360	+20·912	− 2	...	...
...	32·355	+29·548	0·65	...	...
...	32·226	−29·822	− 2	...	...
...	31·891	−39·489	0·65	...	...
...	−31·806	+57·811	− 4	...	...
...	31·585	−27·751	0·90	46.10131	10·0
...	31·478	− 2·404	− 5	M	...
...	31·425	−57·638	− 4	...	...
...	30·202	+31·519	0·70	...	...
81					
...	−30·186	+18·355	0·80	...	...
...	29·986	+ 5·221	− 4	...	...
*	29·953	−45·938	1·15	46.10132	9·6
...	29·853	−32·847	− 3	...	...
...	29·799	+50·188	− 5	M	...
...	−29·050	−31·677	− 5	...	...
...	28·894	−17·558	− 4	...	...
...	28·804	+11·104	− 4	...	...
*	28·675	−50·647	1·20	46.10133	9·6
*	28·321	−43·659	1·15	46.10134	9·8
91					
*	−28·298	− 4·714	1·00	46.10135	10·0
...	28·286	+32·801	0·90	...	...
*	28·009	+49·975	1·30	45.10076	9·2
...	27·909	−32·487	− 4	...	...
*	27·896	− 9·346	1·00	46.10136	10·0
...	−27·470	+55·259	− 4	...	...
*	27·354	+ 1·805	1·40	46.10138	9·0
...	27·253	−41·784	− 5	...	...
*	27·193	−33·674	1·20	46.10137	9·3
...	26·474	+43·312	− 3	...	...
101					
*	−26·428	+54·610	1·10	45.10077	9·8
...	26·344	−48·163	− 2	...	...
...	26·053	− 4·412	− 5	...	...
...	26·005	−10·613	− 5	M	...
...	25·693	−51·942	0·85	...	...
*	−25·546	+27·362	1·30	45.10078	9·6
*	24·713	+54·867	1·25	45.10079	9·8
...	24·538	−51·972	− 1	...	...
...	23·683	−28·376	0·95	...	...
...	23·405	−38·959	− 4	...	...
111					
S *	−23·226	−39·045	3·55	46.10139	7·2
...	23·184	+44·636	− 2	...	...
...	22·660	−18·993	− 4	M	...
...	22·413	− 5·493	− 3	...	...
...	22·340	+51·823	− 5	...	...
*	−21·632	+ 5·951	1·10	45.10080	9·3
...	21·244	−33·813	− 5	M	...
...	21·211	+45·454	− 3	...	...
...	21·204	+55·757	− 2	...	...
...	20·698	−38·161	− 3	...	...
121–180					
121	′	′		°	
...	−20·656	+57·283	− 1	...	...
...	20·626	+25·502	− 1	...	...
...	20·185	− 8·483	0·75	...	...
...	20·180	+34·531	0·70	...	...
...	19·752	−36·392	− 5	M	...
...	−19·061	−27·081	0·90	...	...
...	18·898	−46·442	− 4	...	...
*	18·399	+ 50·940	1·40	45.10082	9·2
...	18·207	−56·960	− 5	...	...
...	17·125	+23·401	0·70	...	...
131					
...	−17·102	−31·044	− 5	...	...
...	16·430	−19·404	0·70	...	...
...	16·312	−42·234	− 5	...	...
...	16·021	−29·610	− 1	...	...
...	15·941	−37·494	− 4	...	...
...	−15·515	−42·323	− 5	...	...
*	15·129	− 5·610	2·20	46.10140	8·4
...	14·600	+21·136	− 5	..	...
*	14·377	−54·038	1·05	46.10141	9·8
S *	13·912	+21·667	2·90	45.10084	8·0
141					
...	−13·594	+13·308	0·90	...	...
*	13·483	+52·739	2·00	45.10085	8·8
...	13·429	+40·769	− 1	...	...
*	12·536	− 2·899	1·00	46.10142	9·8
...	11·714	+37·218	− 2	...	...
...	−11·620	+39·515	0·65	..	...
...	11·607	−37·398	− 2	...	...
...	11·527	− 0·565	− 5	M	...
‡	11·377	+34·851	0·90	45.10086	10·0
*	11·179	−54·282	2·60	47. 9625	7·8
151					
...	−10·999	−35·266	− 2	...	...
...	10·865	+15·218	0·80	...	...
...	10·796	−58·038	1·00	...	...
*	10·678	− 6·512	1·10	46.10143	9·4
S *	10·592	+39·202	3·00	45.10087	7·5
...	−10·064	−25·811	0·70	...	...
...	10·001	+56·480	− 4	...	...
...	9·943	+22·531	− 5	M	...
...	9·219	−28·544	0·65	...	...
...	8·947	+29·003	0·65	...	...
161					
*	− 8·587	−12·218	1·00	46.10144	10·0
...	7·531	− 7·084	− 3	...	...
...	7·059	+50·576	− 1	...	...
...	6·912	−55·101	− 1	...	...
...	6·797	+ 3·053	− 5	*m*	...
*	− 6·782	−40·884	1·35	46.10145	9·2
†	6·721	+34·799	− 3	...	...
...	6·193	−32·787	− 5	M *m*	...
*	5·892	− 0·569	1·25	46.10146	9·6
...	5·150	−52·913	0·70	...	...
171					
...	− 4·151	−17·043	− 3	...	...
...	3·926	+33·377	− 5	M *m*	...
...	3·753	+ 1·880	− 4	*m*	...
*m**	3·583	+ 0·646	2·40	46.10147	8·2
*	3·579	−11·687	3·00	46.10148	8·0
*	− 3·066	+21·350	1·00	45.10088	10·0
...	2·812	−34·156	− 2	...	...
*	2·785	−23·996	1·35	46.10149	8·8
...	2·024	−47·329	− 4	M *m*	...
*	1·750	−37·803	1·00	...	...

L measured from 1, 48, 123, 187, 263, 320.
C ,, ,, 20, 80, 156, 225, 293, 341.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
181–240					
181					
...	− 1·628	+ 3·598	− 5	M m	...
...	1·440	−23·994	− 5	M m	...
*	1·122	−40·258	2·00	46.10150	8·4
...	0·846	+28·003	− 2	...	...
*	0·558	+38·669	1·20	45.10090	9·6
‡	− 0·463	+17·333	2·50	45.10089	8·6
...	0·128	−43·856	1·00	...	...
...	− 0·035	+46·792	− 2	...	...
...	+ 0·343	+39·529	− 3	...	...
*	0·812	+20·392	0·95	...	...
191					
...	+ 1·080	+10·852	− 5	M m	...
...	1·236	+ 4·395	− 2	...	...
*	1·363	−39·219	1·00	46.10151	9·3
...	1·549	−58·838	− 4	...	...
...	2·014	+34·021	− 4	...	...
...	+ 2·136	− 2·545	− 5	M m	...
...	2·187	−57·582	− 5	...	...
...	2·529	+ 7·994	− 2	...	...
N	3·143	−28·965	0·70	M	...
...	3·592	−11·843	− 5	...	...
201					
...	+ 3·601	+57·251	− 1	...	...
*	3·634	−58·315	1·10	47. 9629	9·8
*	3·888	−58·556	1·00	47. 9630	10·0
...	4·093	−49·858	− 4	...	...
...	4·422	− 5·744	− 5	M m	...
...	+ 4·871	+39·052	0·70	...	...
*	5·008	− 1·815	1·60	46.10152	9·2
...	5·112	−59·702	− 5	...	...
...	5·862	−45·284	− 5	...	...
...	6·536	+24·685	0·75	...	...
211					
...	+ 6·860	+16·089	− 5	M	...
...	6·941	−50·325	− 5	...	...
...	7·050	+44·926	− 3	...	...
...	7·413	+29·956	0·90	...	...
...	8·311	+ 1·290	− 4	...	...
*	+ 8·326	+57·230	1·00	45.10091	10·0
*	8·355	−25·399	1·00	46.10153	10·0
...	8·355	−40·897	− 2	...	...
...	8·612	+ 3·955	− 5	m	...
...	8·668	+42·882	− 5	...	...
221					
n	+ 8·694	− 6·265	1·00	46.10155	9·6
...	8·784	−36·839	0·90	46.10154	10·0
n *	8·866	− 6·220	1·00	46.10155	9·6
...	9·161	+ 9·080	− 5	...	...
†	9·630	+55·688	− 3	...	...
...	+ 9·881	−24·358	0·70	...	...
*	9·983	− 3·066	1·80	46.10156	8·4
S *	10·052	−10·256	2·60	46.10157	7·8
...	10·542	+29·702	− 4	...	...
*	10·686	−56·805	1·30	47. 9634	9·4
231					
S *	+10·838	+13·139	4·80	45.10092	7·0
...	11·631	−15·290	− 1	...	...
...	11·802	+50·483	− 5	m	...
...	11·846	−47·129	0·70	...	...
...	12·227	−16·586	− 2	...	...
S *	+12·851	−53·688	3·80	46.10158	6·9
...	13·080	+19·728	0·80	...	...
...	13·187	− 1·740	− 1	...	...
*	13·693	−35·242	1·40	46.10159	8·8
...	13·884	+23·052	0·65	...	...
241–300					
241					
...	+13·948	−27·261	− 5	m	...
*	14·278	+54·636	1·00	45.10093	10·0
*	14·342	+31·184	1·10	45.10094	9·8
*	14·684	+31·330	1·20	45.10095	9·8
...	14·766	+44·386	− 5	...	...
...	+14·777	−57·161	− 1	...	...
...	14·929	−51·765	0·75	...	...
*	15·150	+15·655	1·35	45.10096	9·0
†	15·243	+39·763	0·80	...	...
...	15·350	+30·072	− 3	...	...
251					
...	+15·508	−30·550	0·80	...	...
...	15·608	+35·439	0·65	...	...
*	15·864	−35·344	1·00	46.10160	10·0
*	16·119	−15·994	1·00	46.10161	10·0
...	17·198	+19·299	− 4	...	...
...	+17·484	−56·622	0·65	...	...
...	17·663	+14·343	− 2	...	...
...	17·706	+25·738	− 5	...	...
*	18·076	+45·027	1·10	45.10097	9·8
...	18·534	−59·434	− 5	...	...
261					
...	+18·818	−22·555	0·95	46.10162	10·0
†	19·482	+56·922	− 4	...	...
*	21·245	+27·978	1·40	45.10098	9·5
...	21·349	+10·431	− 5	m	...
...	21·521	−10·418	− 1	...	...
*	+22·025	+32·703	1·00	45.10099	9·8
...	22·068	−47·076	− 4	...	...
...	22·110	−12·107	1·00	46.10163	10·6
...	22·210	+32·261	− 4	...	...
...	22·819	−48·083	− 1	...	...
271					
*	+23·446	−59·859	1·40	47. 9639	8·8
*	23·578	+35·038	1·90	45.10100	8·8
...	23·719	+51·764	0·70	...	...
*	23·775	−54·784	1·05	47. 9640	9·8
...	24·002	+22·878	− 5	...	...
...	+24·317	−11·279	− 4	...	...
‡	24·466	−16·980	1·00	46.10164	9·6
*	24·470	+55·070	1·00	45.10101	10·4
...	24·482	+47·666	− 4	...	...
S *	24·847	+34·999	2·00	45.10102	8·0
281					
...	+24·882	−23·550	− 5	...	...
...	25·310	− 2·265	− 4	...	...
*	25·599	+ 6·660	1·20	45.10103	9·5
...	25·999	+49·197	− 4	...	...
...	26·401	+43·113	− 3	...	...
...	+26·612	+10·198	− 4	...	...
...	27·041	+12·804	− 5	m	...
...	27·253	−23·464	0·70	...	...
*	27·573	+32·737	1·00	45.10104	10·3
...	27·604	+57·198	− 4	...	...
291					
...	+27·823	−45·166	0·90	...	...
...	28·532	−38·950	− 4	...	...
...	29·730	+55·050	− 5	m	...
...	29·936	+31·902	− 2	...	...
...	30·326	+13·257	0·65	...	...
...	+30·470	−55·560	0·70	...	...
...	30·714	− 9·222	− 5	...	...
...	30·722	−34·714	− 3	...	...
...	31·030	−36·546	− 4	m	...
S *	31·771	−34·597	2·10	46.10165	7·9
301–360					
301					
...	+31·999	−26·934	− 3	...	...
...	32·440	+38·188	0·90	...	...
...	32·551	−45·326	− 2	...	...
...	32·848	+23·094	− 5	m	...
...	33·469	−13·024	− 5	m	...
*	+33·498	−21·777	1·20	46.10166	10·2
...	33·943	+59·173	− 4	...	...
...	34·589	+12·598	− 1	...	...
...	34·768	−39·910	− 3	a	...
...	35·274	+58·739	0·80	45.10105	10·6
311					
...	+35·451	+26·061	− 5	...	...
*	36·419	+42·415	1·40	45.10106	9·3
...	36·873	+45·422	0·70	45.10107	10·6
*	37·980	+35·153	1·00	...	...
...	38·293	+23·758	− 4	m	...
*	+38·676	+56·035	1·20	45.10108	10·3
...	38·744	−53·214	− 3	...	...
...	38·905	−34·129	0·65	...	...
*	39·293	−19·208	1·00	46.10167	10·3
...	40·474	+17·429	− 3	...	...
321					
...	+42·444	+36·423	− 5	m	...
...	42·698	+39·540	− 5	m	...
...	43·234	+23·309	0·80	...	...
*	43·430	−21·257	1·00	46.10168	9·8
...	43·665	−11·223	− 4	...	...
...	+43·722	+12·746	0·65	...	...
...	43·916	−12·725	0·90	...	...
...	44·000	+10·089	0·65	...	...
*	45·518	−49·321	1·00	...	...
...	46·649	+34·142	− 2	...	...
331					
...	+46·668	+49·177	− 2	...	...
...	46·691	+35·218	− 5	...	...
...	46·719	+15·041	− 5	m	...
...	47·068	+45·537	− 4	...	...
...	47·114	+38·877	1·00	...	...
...	+47·313	+49·508	− 5	m	...
...	47·530	−48·554	− 4	...	...
*	47·729	+51·671	1·15	45.10110	9·8
...	47·777	−27·500	0·70	...	...
...	48·318	+ 9·254	− 4	...	...
341					
...	+49·677	+29·171	− 1	...	...
...	50·185	−37·452	0·90	...	...
...	50·214	−24·400	0·90	...	...
...	50·848	+28·201	− 5	e	...
*	51·060	+30·827	1·30	45.10111	8·6
...	+51·678	−21·985	− 5	e	...
...	51·904	−22·420	− 1	...	...
*	52·396	+38·657	1·15	45.10112	10·3
...	52·589	−20·282	0·65	...	...
...	52·754	+44·428	− 3	...	...
351					
S *	+52·900	+59·295	2·10	45.10113	8·4
...	53·337	− 5·723	0·70	...	...
...	53·579	−59·232	1·00	...	...
...	54·348	+15·382	− 3	...	...
...	55·155	+40·062	0·80	...	...
...	+55·157	+34·986	− 2	...	...
...	55·466	−55·345	1·00	...	...
...	56·060	−22·361	− 1	...	...
...	56·198	−30·755	− 4	e	...
...	56·356	+22·161	− 3	...	...

199. 47°·126, obscured by réseau.
221, 223. C.P.D., mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
361–365					
361					
...	+56′·597	−15′·899	− 4	°e	...
...	56·626	− 9·049	1·00	...	...
*	57·774	+10·977	1·00	...	...
...	59·115	− 1·461	− 4	...	...
...	59·353	+13·856	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. ...	C.P.D. No.	C.P.D. Mag.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. ...	C.P.D. No.	C.P.D. Mag.

1–40					
1					
‡	−60′·111	−21′·512	1·00	46.10168	9·8
...	59·906	−12·970	− 1	...	...
...	59·101	+48·977	− 4	...	...
...	58·660	+33·947	− 4	...	...
...	58·656	+35·037	− 5	...	...
...	−58·609	+45·351	− 4	...	...
...	58·338	+38·691	− 1	...	...
*	58·113	+51·506	1·05	45.10110	9·8
...	57·146	−49·513	1·00	...	...
...	56·200	+ 9·133	− 2	...	...
11					
...	−55·567	−27·626	− 2	...	...
...	55·483	+29·083	− 1	...	...
...	54·264	+28·147	− 5	E	...
*	54·142	+30·772	1·30	45.10111	8·6
...	53·241	−24·447	1·00	...	...
S *	−53·186	+59·290	2·40	45.10113	8·4
*	53·034	+38·638	1·00	45.10112	10·3
...	52·866	+44·426	− 5	...	...
...	52·859	−37·489	0·95	...	...
...	51·860	−21·977	− 5	E	...
21					
...	−51·608	−22·410	− 2	...	...
...	51·001	−20·265	− 2	...	...
...	50·936	−13·445	− 5	M	...
...	50·716	− 5·682	0·75	...	...
...	50·361	+15·439	− 5	...	...
...	−50·341	+40·126	1·00	...	...
...	50·181	+35·050	− 4	...	...
...	48·783	−59·161	1·00	...	...
...	48·573	+22·278	− 3	...	...
...	47·455	−22·223	0·70	...	...
31					
...	−47·305	− 8·903	1·00	...	...
...	47·123	−15·748	− 4	E	...
...	47·076	−30·613	− 4	E	...
...	47·008	−55·216	1·00	...	...
*	46·801	+11·146	1·00	...	...
...	−45·323	+14·079	− 4	...	...
...	45·091	− 1·238	− 3	...	...
...	43·715	+ 7·717	− 3	...	...
...	43·599	−33·831	− 4	M	...
...	43·368	−13·940	− 5	M	...

41–80					
41					
...	−42′·954	+17′·810	− 4	°M	...
...	42·523	−22·005	− 3	...	...
...	42·409	−38·708	− 4	M	...
...	42·165	+ 0·918	− 3	...	...
...	41·905	+54·148	− 5	...	...
S *	−41·267	+30·426	2·05	45.10114	8·2
...	40·965	+21·098	− 1	...	...
...	40·690	−42·295	− 5	...	...
...	40·677	+34·281	0·70	...	...
...	40·392	−32·073	− 3	...	...
51					
...	−40·116	+23·260	0·80	...	...
...	39·817	−18·743	− 5	...	...
...	39·651	+15·597	− 4	...	...
...	39·473	−33·197	− 2	...	...
*	38·959	+ 8·422	1·10	45.10115	9·6
...	−38·943	−17·740	0·90	...	...
...	38·840	+36·769	0·90	...	...
...	38·662	− 6·653	− 5	M	...
...	38·157	+33·754	− 5	M	...
...	38·150	−23·082	0·95	46.10169	10·6
61					
...	−38·063	+30·506	− 2	...	...
...	37·736	+32·288	− 5	M	...
...	37·130	+22·005	− 4	...	...
*	36·966	− 0·705	1·00	46.10170	10·3
*	36·271	+ 9·049	1·00	45.10116	10·4
*	−35·171	+44·564	1·05	45.10117	9·8
‡	35·019	−25·021	1·00	46.10171	9·8
*	34·317	− 3·454	2·00	46.10172	9·0
...	34·145	− 4·933	0·70	...	...
...	33·893	− 4·651	0·90	...	...
71					
...	−32·793	+55·331	1·00	...	...
*	31·456	− 0·867	1·00	46.10173	10·4
...	30·882	+40·624	− 5	M	...
...	30·781	+24·673	0·70	...	...
...	30·622	+53·871	− 5	...	...
...	−29·931	−55·255	0·85	...	...
...	29·878	+48·112	− 4	...	...
...	29·878	− 9·312	0·70	...	...
...	29·415	−23·162	0·80	...	...
...	28·967	−20·572	0·70	...	...

81–120					
81					
...	−28′·722	−35′·428	− 4	°M	...
...	28·373	+ 8·427	1·00	45.10118	10·6
...	28·267	−29·917	− 4	M	...
...	26·982	−11·263	0·75	...	...
...	25·914	+13·597	0·65	...	...
...	−25·886	+30·025	− 5	M	...
†	25·351	+27·593	− 3	...	...
‡	25·282	−43·832	1·05	46.10174	10·4
S *	24·836	−11·658	4·00	46.10175	7·2
...	24·065	+30·067	0·90	...	...
91					
...	−23·937	−59·226	− 1	...	...
...	23·827	+57·969	1·10	45.10122	10·6
...	23·556	−23·998	− 4	...	...
...	23·459	+46·860	− 4	...	...
...	23·144	−45·393	− 4	M	...
...	−22·371	+33·650	0·80	...	...
*	22·122	−38·756	1·00	46.10176	10·4
...	21·875	+12·051	− 3	...	...
...	21·329	+50·256	− 4	...	...
...	21·124	+40·013	0·65	...	...
101					
...	−20·997	− 0·410	− 4	M	...
...	20·658	−42·467	− 2	...	...
...	20·625	+51·153	− 2	...	...
...	20·410	−11·849	− 5	M	...
...	20·390	−12·381	− 4	...	...
...	−19·989	+ 7·408	− 2	...	...
...	19·317	+26·227	− 5	M	...
...	18·480	+30·438	− 5	M	...
...	17·695	+ 4·309	0·80	...	...
*	17·567	−46·551	0·95	46.10177	10·2
111					
*	−17·409	−33·902	1·20	46.10178	9·8
*	17·239	−51·532	1·00	46.10179	10·6
...	17·179	−52·035	0·90	...	...
...	16·830	−59·342	− 2	...	...
...	16·701	−16·949	− 5	...	...
...	−15·023	−49·327	− 5	...	...
S *	13·887	+12·979	1·40	45.10124	9·5
...	13·790	+21·960	− 5	M	...
...	13·423	−34·826	− 5	...	...
*	13·010	− 4·975	1·15	46.10180	9·3

L measured from 1, 51, 106, 152, 197, 245.
C ,, ,, 27, 76, 130, 176, 215, 272.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
121–180					
121	′	′		°	
S *	−12·802	+40·887	1·20	45.10125	9·5
...	12·588	+52·856	− 5	M	...
...	12·523	+35·208	− 5	M	...
...	12·015	−12·208	− 2	...	...
...	11·888	−28·726	0·70	...	...
...	−11·836	+ 2·996	− 4	...	...
...	11·623	+ 4·551	− 5	...	...
...	10·950	+15·393	− 3	...	...
*	10·804	−31·092	1·00	46.10181	10·2
...	9·597	+42·635	− 3	...	...
131					
...	− 8·552	+41·690	− 2	...	...
...	7·750	+10·688	− 1	...	...
...	7·422	− 7·309	− 4	M *m*	...
...	7·056	−40·587	0·80	...	...
...	6·470	+30·113	− 5	M *m*	...
*	− 5·769	+53·189	1·25	45.10127	9·5
S *	5·568	−38·973	2·00	46.10182	8·8
...	4·884	+29·686	− 4	...	...
...	4·319	+23·837	− 1	...	...
...	4·294	+56·541	− 1	...	...
141					
...	− 4·055	+35·544	− 4	...	...
...	3·963	−18·227	− 3	...	...
...	3·094	−25·676	0·65	...	...
...	2·399	+11·987	− 5	M	...
...	2·336	+ 9·776	− 1	45.10128	10·6
...	− 2·168	+ 2·006	− 5	M	...
...	1·994	−40·988	− 3	...	...
...	1·068	− 1·942	− 1	...	...
...	0·573	− 3·267	− 5	M *m*	...
...	0·462	+18·668	− 4	M	...
151					
†	− 0·360	−43·143	− 3	...	...
...	+ 0·328	−48·290	0·85	...	...
...	0·401	+36·348	− 2	...	...
...	0·638	−24·880	− 4	...	...
...	0·648	+50·641	− 5	M	...
*	+ 2·425	+44·538	0·90	45.10129	10·4
...	2·564	+49·849	− 3	...	...
*	2·967	−28·441	1·05	46.10183	9·8
...	3·213	+ 0·704	0·95	M	...
*	4·175	−44·251	1·00	46.10184	10·3
161					
...	+ 4·242	−13·486	0·90	46.10185	10·6
...	4·343	+ 6·074	− 5	M	...
...	5·052	−14·852	− 5	M *m*	...
...	6·070	+ 2·494	− 5	...	...
...	6·100	−41·019	− 3	...	...
...	+ 6·678	+22·395	0·70	...	...
...	6·893	+27·212	− 2	...	...
...	6·916	+27·411	− 2	...	...
...	7·043	+11·753	0·70	...	...
...	8·431	−53·637	− 5	M	...
171					
*	+ 8·561	−55·895	1·00	47. 9662	10·0
*	8·617	+35·180	1·30	45.10130	9·3
*	9·133	−31·517	1·00	46.10186	10·2
...	9·248	+ 3·990	− 5	...	...
...	9·554	−16·510	− 5	*m*	...
†	+ 9·664	−59·294	− 4	...	...
...	10·727	+45·619	− 3	...	...
...	11·181	−13·447	− 4	...	...
...	11·865	− 6·458	− 3	...	...
...	12·538	+29·096	− 4	...	...
181–240					
181	′	′		°	
...	+12·603	+10·267	− 4	...	...
...	13·185	−47·762	− 5	*m*	...
...	13·743	−40·439	− 2	...	...
...	14·453	+12·635	− 4	...	...
...	16·281	+56·730	− 4	...	...
...	+16·322	−46·654	0·90	...	...
...	16·917	+15·711	− 5	...	...
...	17·490	−45·341	− 3	*a*	...
...	17·556	+ 1·282	− 4	...	...
S ‡	17·672	−40·018	2·00	46.10187	8·2
191					
...	+17·897	−19·972	− 1	...	...
...	18·624	−49·018	− 5	*m*	...
...	18·711	+ 9·685	− 4	...	...
S *	18·908	+17·410	3·40	45.10131	7·4
...	19·474	− 1·080	− 3	...	...
...	+19·501	+23·672	− 5	...	...
†	20·319	−45·028	0·90	...	...
...	20·350	+45·015	− 5	...	...
...	21·064	+31·881	− 5	...	...
...	21·323	−27·741	− 2	...	...
201					
...	+21·812	−21·965	0·75	...	...
...	22·745	+31·037	− 5	...	...
...	23·291	−36·910	− 2	...	...
...	23·604	−47·274	− 5	*m*	...
*	24·087	−21·587	1·20	46.10188	9·5
...	+24·463	−41·746	− 4	*m*	...
...	24·897	+58·194	− 1	...	...
...	25·402	+35·615	0·90	...	...
*	26·011	−13·723	1·00	46.10189	10·4
..	26·255	−29·240	− 5	*m*	...
211					
...	+26·307	+ 9·053	− 5	...	...
...	26·308	−41·887	0·70	...	...
*	27·599	−57·971	1·10	47. 9671	10·2
...	27·949	−49·079	0·90	...	...
‡	29·561	+22·679	1·20	45.10132	9·5
*	+30·783	−52·622	1·00	...	...
...	30·998	+22·112	− 5	...	...
*	31·518	−50·379	1·10	46.10190	10·2
...	31·603	−46·303	− 4	*m*	...
...	32·164	− 8·434	− 2	...	..
221					
...	+32·261	+14·524	− 1	...	...
...	32·646	−10·435	− 5	*m*	...
...	33·173	+ 4·367	− 5	...	...
...	33·402	−19·701	− 3	...	...
...	33·604	− 7·145	0·70	...	...
...	+33·820	−51·784	1·00	...	...
†	34·552	+11·787	− 3	...	...
...	34·625	+11·644	− 3	...	...
S *	35·056	+ 5·827	2·80	46.10191	7·8
...	35·728	−26·592	− 3	...	...
231					
...	+36·153	+47·473	− 5	*m*	...
...	36·323	+17·078	− 1	...	...
*	36·324	+51·663	1·30	45.10133	9·4
‡	37·468	+49·701	1·20	45.10134	9·8
...	37·529	+ 1·030	0·70	...	...
SN *	+37·539	+33·168	3·40	45.10135	7·4
*	37·580	+21·278	2·00	45.10136	8·4
...	37·591	+22·862	0·70	..	...
*	37·647	−52·422	1·20	46.10192	9·5
...	38·299	−50·430	− 2	*a*	...
241–300					
241	′	′		°	
...	+38·408	−11·740	− 3	...	...
...	38·473	+31·631	0·80	...	...
...	38·566	−27·359	− 5	*m*	...
...	38·871	+31·267	0·65	...	...
...	39·792	−39·584	− 3	...	...
*	+39·908	−35·160	1·00	46.10193	10·6
...	39·979	+37·975	0·80	...	...
...	40·098	−24·073	− 5	*m*	...
*	40·238	+17·249	1·00	45.10137	10·2
...	40·959	+13·543	0·70	...	...
251					
...	+41·277	+46·337	− 5	...	...
...	41·630	+37·685	− 4	...	...
...	42·793	+40·347	− 5	*m*	...
...	42·793	+33·911	− 5	...	...
...	42·887	−12·992	0·65	...	...
...	+43·134	− 2·154	− 2	...	...
...	43·244	+38·228	− 5	...	...
...	43·709	−45·292	− 4	...	...
...	43·764	−23·861	− 2	...	...
S *	43·950	−14·301	3·00	46.10194	7·7
261					
†	+44·461	+49·353	− 1	...	...
...	44·635	+18·677	− 5	...	...
...	44·998	+43·334	− 4	...	...
...	45·453	+19·017	− 5	...	...
...	46·627	−16·367	− 5	*e*	...
...	+47·518	+34·333	− 5	...	...
*	47·534	+ 1·527	1·05	46.10195	9·8
...	47·570	+ 4·159	− 2	...	...
...	47·900	−27·661	− 4	...	...
*	48·893	+19·025	1·00	....	...
271					
*	+49·366	−14·389	1·00	46.10196	9·3
†	49·602	− 5·021	− 3	...	...
...	49·900	−15·131	− 1	...	...
*	50·424	+ 5·327	1·30	46.10197	9·5
...	50·480	+17·159	− 5	...	...
*	+50·547	+23·274	1·00	45.10138	10·3
...	51·761	− 1·971	− 5	*e*	...
*	51·808	−33·189	1·40	46.10198	9·0
...	51·965	+47·518	0·65	...	...
...	52·648	− 4·010	− 5	*e*	...
281					
...	+53·244	− 6·051	0·95	...	...
...	53·805	−21·246	0·75	...	...
...	53·816	+26·519	− 5	...	...
...	54·041	+14·562	− 4	...	...
...	54·636	+42·589	− 3	...	...
...	+55·079	+ 7·153	0·70	...	...
...	55·168	+ 7·224	− 5	...	...
S *	55·846	−55·476	2·60	47. 9680	8·0
...	56·185	−38·699	0·90	...	...
†	56·484	−25·051	0·70	...	...
291					
*	+56·944	+11·620	1·00	45.10139	10·6
*	57·122	−27·499	1·10	46.10199	9·8
...	57·901	+12·925	− 3	...	...
...	58·218	+40·094	− 5	...	...
...	58·895	−13·627	− 3	...	...
...	+59·008	−29·877	− 5	*e*	...
...	59·068	+36·035	− 2	...	...
...	59·103	−21·991	− 2	...	...
...	59·269	−45·703	− 3	*e*	...
...	59·392	+20·626	− 5	...	...

236. Var. L=5·5—8·9.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1–60					
1	′	′		°	
S ‡	−59·796	−14·551	3·00	46.10194	7·7
...	59·714	−24·105	− 4	...	...
...	59·366	+18 798	− 5	...	...
...	59·102	−45·543	− 5	...	...
...	57·781	+34·176	− 5	...	...
...	−57·071	−16·521	− 5	E	...
...	56·776	+ 4·023	− 4	...	...
*	56·739	+ 1·390	1·00	46.10195	9·8
...	55·934	+18·920	0·95	...	...
...	55·870	+31·229	− 5	...	...
11					
...	−55·454	−27·776	− 5	...	...
...	54·469	− 5·089	0·75	...	...
*	54·412	+23·219	1·00	45.10138	10·3
*	54·407	−14·461	1·20	46.10196	9·3
...	54·273	+17·119	− 5	...	...
*	−53·978	+ 5·276	1·20	46.10197	9·5
...	53·827	−15·182	− 2	...	...
...	53·734	+47·494	− 1	...	...
...	53·187	−38·943	− 5	M	...
...	52·704	+28·667	− 5	...	...
21					
...	−52·457	+27·717	− 5	...	...
...	52 401	− 1·970	− 5	E	...
...	51·448	− 3·984	− 5	E	...
*	51·364	−33·187	1·40	46.10198	9·0
...	51·251	+26·567	− 5	...	...
...	−50·920	+42·652	− 4	...	...
...	50·791	− 6·006	0·85	...	...
...	50·640	+14·625	− 5	...	...
...	49·762	−21·177	0·70	...	...
...	49·388	+ 7·258	0·80	...	...
31					
...	−49·298	+ 7·327	− 4	...	...
...	48·136	+37·125	− 5	...	...
*	47·652	+11·778	1·00	45.10139	10·6
...	47·280	+40·286	− 4	...	...
...	46·960	−24·895	0·70	...	...
...	−46·822	−38·545	0·90	...	...
...	46·727	+13·124	− 3	...	...
S *	46·638	−55·332	2·40	47. 9680	8·0
...	46·425	+20·338	− 5	M	...
...	46·292	+36·235	− 1	...	...
41					
*	−46·247	−27·329	1·05	46.10199	9·8
...	46·053	+55·428	− 1	...	...
...	45·478	+20·855	− 4	...	...
...	45·432	−43·323	− 5	M	...
...	44·903	−13·391	− 2	...	...
...	−44·641	+38·561	− 1	...	...
...	44·633	+12·641	0·90	...	...
...	44·441	−21·757	− 2	...	...
...	44·284	−29·637	− 4	E	...
...	44·026	− 7·644	0·75	...	...
51					
...	−43·569	+ 8·032	− 5	M	...
...	43·505	−45·452	− 4	E	...
...	43·296	−31·865	− 5	M	...
...	42·708	−11·841	− 2	...	...
...	42·341	+38·521	− 1	...	...
...	−42·319	+13·684	− 5	...	...
...	41·896	+ 5·247	− 4	...	...
...	41·857	−53·394	1·00	46.10200	10·6
...	41·594	+35·735	− 5	M	...
...	41·247	−28·037	− 4	M	...
61–120					
61	′	′		°	
*	−41·050	−26·531	1·25	46.10201	9·6
...	40·831	+58·256	0·90	45.10140	10·6
...	40·771	+11·599	0·70	...	...
...	40·356	− 7·278	− 5	M	...
...	40·303	−18·470	− 1	A	...
...	−40·106	−33·599	0·65	...	...
...	39·897	−29·429	− 5	M	...
...	39·539	−40·509	− 3	A	...
...	38·588	−22·993	− 5	M	...
*	38·533	−27·888	1·00	46.10202	10·0
71					
...	−38·357	+ 5·606	0·80	...	...
...	38·130	−39·055	0·70	...	...
...	37·767	− 4·050	0·90	46.10203	10·6
...	37·400	+42·162	0·90	...	...
...	37·315	−32·413	0·65	...	...
...	−36·555	+54·739	− 4	...	...
...	34·276	+11·726	− 4	...	...
...	34·224	+21·353	0·95	...	...
...	34·220	−48·006	− 4	...	...
...	33·919	+ 4·101	− 3	...	...
81					
...	−33·759	+54·228	− 5	...	...
...	33·470	− 3·927	− 4	M	...
...	33·190	−21·190	− 5	M	...
*	33·022	−28·888	1·00	46.10204	9·6
...	32·509	+37·270	− 5	...	...
...	−32·249	+21·403	− 5	M	...
...	31·342	−38·181	− 5	M	...
...	30·521	+32·651	− 5	...	...
...	30·452	+37·712	− 5	...	...
...	30·379	+28·677	− 5	...	...
91					
...	−30·252	−57·219	− 5	M	...
*	30·179	+20·644	1·00	45.10142	10·6
...	29·737	+ 8·584	0·65	...	...
...	28·860	+ 8·225	− 4	...	...
...	28·561	+28·688	− 5	...	...
*	−28·480	−41·795	1·00	46.10205	10·6
*	28·416	−45·450	1·00	...	...
...	27·934	−21·111	− 4	M	...
...	27·816	−23·897	− 3	A	...
...	27·693	− 9·024	− 3	...	...
101					
...	−27·612	+16·529	− 3	...	...
...	27·596	−41·130	− 5	M	...
...	26·933	−20·219	− 5	M	...
...	26·641	−58·176	− 5	M	...
...	26·143	+47·708	0·80	...	...
...	−26·100	+51·345	0·85	...	...
...	25·858	−50·726	− 5	M	...
...	25·797	−52·666	− 4	M	...
...	25·782	− 1·356	− 2	...	...
...	25·634	− 4·218	− 5	M	...
111					
...	−25·553	− 6·284	0·85	...	...
†	24·948	+50·480	0·75	...	...
*	24·821	−23·758	1·40	46.10206	9·0
...	24·676	+25·400	− 4	...	...
*	24·619	− 9·946	1·00	46.10207	10·0
...	−24·560	−28·008	− 2	...	...
...	24·553	−27·883	− 5	M	...
...	24·300	+ 1·297	0·70	...	...
...	24·172	+19·792	0·70	...	...
...	23·872	+39·215	0·75	...	...
121–180					
121	′	′		°	
...	−23·851	−13·862	− 4	M	...
†	23·474	+55·012	− 4	...	...
...	23·337	+16·823	0·65	...	...
*	23·028	− 2·521	1·00	...	...
...	22·768	−14·294	− 4	...	...
...	−22·497	−51·047	− 3	...	...
...	22·227	+53·363	− 5	...	...
*	21·124	+41·726	0·90	...	...
...	20·762	+17·519	− 4	...	...
...	20·722	−27·787	− 4	M	...
131					
...	−20·601	−23·299	− 5	M	...
...	20·590	−34·901	− 4	M	...
...	19·651	+25·404	0·85	...	...
...	19·611	−58·428	− 1	...	...
...	19·541	−42·227	0·80	...	...
...	−19·321	−29·700	0·85	...	...
...	18·852	−42·946	− 1	...	...
...	18·319	−18·086	− 5	M	...
...	18·138	+20·499	− 5	...	...
...	17·939	−27·950	− 4	M	...
141					
...	−17·340	+32·086	− 5	...	...
...	17·284	−53·112	0·90	...	...
...	16·905	−47·092	− 5	M	...
...	16·827	−45·815	− 5	...	...
...	16·754	+18·936	− 4	...	...
...	−16·619	−33·657	− 3	...	...
...	16·421	+ 3·969	0·85	...	...
...	16·418	−54·275	− 5	M	...
...	16·285	+16·746	− 4	...	...
...	16·125	−23·864	− 5	M	...
151					
...	−16·117	+19·772	− 5	...	...
...	16·111	+50·932	0·90	...	...
...	16·025	+ 4·496	− 5	M	...
...	15·353	−36·174	− 5	M	...
*	15·188	+33·332	1·80	45.10144	8·8
*	−14·416	−49·240	1·00	46.10208	9·8
...	13·535	−14·482	0·90	46.10209	10·6
...	13·356	−32·727	0·70	...	...
...	12·599	−32·019	0·65	...	...
S *	12·279	+24·495	4·00	45.10145	6·8
161					
...	−12·068	−58·711	− 1	...	...
...	11·995	−19·077	− 5	M	...
...	11·993	+52·645	− 5	...	...
...	11·910	−13·073	0·70	...	...
S *	11·718	−14·036	2·00	46.10210	8·4
...	−11·684	+59·172	− 4	...	...
†	11·661	−29·867	0·70	...	...
...	11·140	+35·855	− 5	M	...
*	10·702	−17·069	1·20	46.10211	9·5
...	10·660	+49·677	− 5	...	...
171					
...	− 9·497	−20·645	− 3	A	...
S *	9·426	−35·990	2·20	46.10212	7·9
...	9·146	−42·304	− 4	M	...
...	8·780	+42·440	− 4	...	...
...	8·751	−42·075	− 1	...	...
*	− 8·557	−45·618	1·25	46.10213	9·8
...	8·312	+ 9·216	− 4	...	...
...	8·104	−58·544	0·80	...	...
...	8·055	−45·100	− 5	M *m*	...
...	7·637	+46·219	− 5	...	...

L measured from 1, 67, 133, 221, 295, 371.
C „ „ 29, 93, 171, 258, 331, 401.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
181–240					
181					
...	− 7′580	−37′082	− 5	M m	...
...	7·546	−12·392	− 3	m	...
...	7·516	− 6·361	0·75	...	...
...	7·410	+41·700	− 4	...	...
...	7·355	−32·033	− 5	M m	...
...	− 7·153	+51·505	− 5	...	...
...	6·597	+31·609	0·70	...	...
...	6·445	+12·121	− 1	...	...
...	6·174	+39·168	− 5	...	...
*	6·117	− 6·238	1·00	46.10214	10·2
191					
...	− 5·830	−41·402	− 5	M m	...
...	5·706	−22·023	− 5	M m	...
...	5·446	+36·472	0·70	...	...
...	5·267	+53·545	− 3	...	...
†	5·097	+18·700	− 5	...	...
‡	− 5·049	+15·880	1·10	45.10146	9·8
...	4·983	+48·381	− 4	...	...
...	4·883	− 1·533	0·85	...	...
...	4·621	+36·490	− 5	...	...
*	4·556	−53·599	1·00	47. 9696	10·6
201					
...	− 4·299	−55·522	− 5	M m	...
...	4·036	−57·955	0·80	...	...
...	3·990	−49·894	0·95	...	...
*	3·703	+20·628	1·25	45.10147	9·4
...	3·603	+ 7·338	− 3	...	...
...	− 3·574	−41·465	0·70	...	...
*	3·396	−43·403	1·40	46.10215	9·0
...	3·248	− 3·197	− 5	M m	...
...	3·096	−20·573	− 5	M m	...
...	2·487	−49·443	− 5	M m	...
211					
...	− 1·675	− 0·359	− 2	m	...
...	1·595	−46·831	− 1	...	...
...	1·453	−33·038	0·80	...	...
...	1·230	+34·859	− 4	...	...
...	0·979	+44·331	− 3	...	...
...	− 0·804	+24·190	− 5	...	...
...	0·715	−42·519	− 5	M m	...
...	0·445	−37·746	− 5	M m	...
S *	0·421	+58·253	1·60	45.10148	8·8
...	− 0·361	−20·867	− 2	...	...
221					
*	+ 0·178	−30·492	1·00	46.10217	9·5
*	0·206	−29·763	4·00	46.10216	7·4
...	0·498	−28·861	− 5	M m	...
...	0·591	+25·917	− 4	...	...
...	0·605	+39·161	− 5	...	...
S *	+ 0·800	+43·344	2·65	45.10149	8·0
...	0·890	+31·373	0·90	...	...
...	1·697	+ 4·392	− 3	...	...
...	2·099	+20·333	− 5	M m	...
...	2·647	+40·078	− 5	...	...
231					
...	+ 2·827	+26·873	− 5	...	...
...	3·093	−38·204	− 5	M m	...
...	3·171	+11·706	− 5	...	...
...	3·415	−12·640	− 5	M m	...
...	3·466	+35·208	− 5	...	...
...	+ 3·499	+ 1·380	0·65	...	...
...	3·769	+48·134	− 5	...	...
...	3·779	+43·816	− 5	...	...
...	4·005	− 4·344	− 5	M m	...
*	4·186	−41·511	1·00	46.10218	9·8

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
241–300					
241					
...	+ 4′509	−37′019	− 5	M m	...
...	4·719	+18·380	− 5	...	...
‡	4·793	+45·264	2·90	45.10150	8·2
...	5·965	−53·238	− 5	M m	...
...	6·114	+33·463	− 4	...	...
...	+ 6·445	− 5·493	− 1	...	...
†	6·523	+10·120	− 3	...	...
...	6·892	−50·807	− 5	M m	...
...	6·912	+23·285	0·70	...	...
...	7·703	+40·623	0·90	...	...
251					
...	+ 7·843	−18·335	− 5	M m	...
...	8·362	+13·243	− 2	...	...
...	8·473	−37·395	− 5	m	...
...	8·580	−56·349	0·95	...	...
...	8·824	− 7·916	− 5	m	...
...	+ 9·066	+45·145	− 5	...	...
...	9·364	−38·798	0·65	...	...
...	10·792	−30·542	− 1	...	...
...	10·867	+56·735	− 3	...	...
...	10·936	−32·255	− 5	m	...
261					
...	+11·422	−38·047	− 5	m	...
...	11·463	+51·329	0·80	...	...
...	11·515	−26·698	0·70	...	...
...	11·735	+33·168	− 5	...	...
...	11·805	+49·813	0·90	...	...
*	+11·807	+ 2·311	1·40	46.10219	9·4
...	11·997	−45·514	0·90	...	...
...	12·661	−10·405	− 2	...	...
...	12·747	−37·323	− 5	m	...
...	12·759	+34·879	− 5	...	...
271					
...	+12·802	+ 6·938	− 4	...	...
...	13·110	+41·241	− 5	...	...
...	13·455	+49·370	− 5	...	...
...	14·073	−46·725	0·90	...	...
...	14·534	− 0·464	− 4	m	...
...	+14·707	+40·638	− 4	...	...
...	15·009	−42·562	− 3	...	.
...	15·455	−49·859	0·75	...	...
...	15·591	+12·427	− 5	m	...
...	15·683	−14·541	− 3	...	...
281					
*	+15·684	−24·667	1·00	46.10220	10·2
...	16·103	−23·390	− 4	m	...
...	16·243	−40·102	− 4	m	...
...	16·959	−54·924	− 2	c	...
...	17·091	−37·687	− 5	m	...
...	+17·188	+ 4·340	− 2	...	...
...	17·934	+ 5·343	− 5	m	...
*	18·000	+20·669	1·35	45.10151	9·5
...	18·400	+51·066	− 2	...	...
...	18·706	+43·065	0·70	...	...
291					
...	+19·012	+29·103	− 4	...	...
...	19·377	−45·554	− 5	m	...
S ‡	19·780	−15·770	1·40	46.10221	9·0
†	19·841	− 7·874	− 4	m	...
†	19·935	− 3·816	− 5	m	...
...	+20·007	+54·537	− 4	...	...
...	20·388	+42·113	− 3	...	...
...	21·237	+18·900	− 4	...	...
...	21·261	−23·558	− 3	...	...
...	21·301	−20·246	− 5	m	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
301–360					
301					
...	+22′244	+ 6′714	− 5	...	...
...	22·863	+57·263	1·00	45.10152	10·4
...	22·961	+24·894	− 3	...	...
*	23·522	−16·876	1·00	46.10222	10·6
...	23·703	+19·392	0·80	...	...
...	+23·814	−53·265	− 5	m	...
...	24·139	+52·968	− 4	...	...
...	24·667	+ 9·319	− 5	...	...
...	24·682	−10·673	− 1	...	...
‡	24·721	−32·266	1·00	46.10223	9·6
311					
...	+25·151	+15·151	− 5	...	...
...	25·204	−22·104	− 5	...	...
*	25·218	+26·739	1·00	45.10153	10·2
...	25·571	−33·814	− 4	...	...
...	25·947	− 0·405	0·90	...	...
...	+26·240	−34·954	0·75	...	...
S *	26·410	−48·043	1·30	46.10224	9·2
...	26·437	+ 3·141	− 5	...	...
...	26·445	−43·529	− 5	m	...
...	26·526	+25·408	− 5	...	...
321					
...	+26·779	−51·233	− 5	m	...
...	27·239	+27·630	− 1	...	...
*	27·286	+31·065	1·00	45.10154	9·8
...	27·357	+58·447	− 4	...	...
...	27·476	−15·679	− 5	m	...
...	+28·624	−32·242	− 4	...	...
...	28·758	+16·411	− 3	...	...
...	28·815	−20·328	− 5	m	...
...	29·226	+48·592	− 4	...	...
...	29·587	+32·797	0·95	...	...
331					
...	+29·961	+24·008	− 3	...	...
...	30·623	−18·158	− 5	m	...
†	30·812	−24·813	− 3	...	...
...	30·938	− 3·976	− 5	m	...
...	31·076	−30·898	− 5	m	...
...	+31·125	−50·848	− 5	m	...
...	31·210	+43·365	0·80	...	...
...	31·225	−57·486	− 5	m	...
...	31·396	−58·688	1·00	...	...
...	31·402	+22·898	− 4	...	...
341					
...	+31·629	+49·109	− 1	...	...
...	32·086	+22·148	− 5	m	...
...	32·201	− 2·377	− 5	m	...
...	32·298	− 2·792	− 5	m	...
...	32·425	−10·205	− 1	...	...
...	+32·929	− 1·658	0·70	...	...
...	33·264	−25·734	− 4	m	...
...	33·295	−40·063	− 4	m	...
...	33·322	+21·640	0·95	...	...
...	33·741	+58·842	− 5	...	...
351					
...	+33·785	−12·999	− 5	m	...
...	34·443	+17·417	0·65	...	...
...	34·464	+53·138	− 5	...	...
*	35·081	+51·903	1·40	45.10155	9·6
...	35·090	+24·355	− 3	...	...
...	+35·210	−42·897	− 4	...	...
...	35·367	+34·071	− 4	...	...
...	35·902	−48·767	− 3	b	...
...	36·207	−24·144	− 3	a	...
...	36·339	+29·572	0·80	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
361–390					
361					
...	+36·853	− 0·801	− 5	*a*	...
...	36·941	− 0·822	− 3	*a*	...
...	37·108	−43·010	− 5	*m*	...
...	37·376	+52·531	− 3	...	...
...	37·763	−33·845	1·00	...	...
*	+37·779	−22·499	1·00	...	...
...	37·812	+41·901	0·70	...	...
S *	37·909	− 1·047	1·90	46.10225	8·6
...	38·902	+ 8·769	− 4	...	...
...	39·684	+ 0·434	− 5	*m*	...
371					
‡	+39·864	−32·171	1·00	46.10226	10·0
...	40·272	+ 0·698	− 5	...	...
*	40·421	−13·532	1·00	46.10227	10·6
...	40·752	−42·922	− 5	*m*	...
...	40·890	− 2·749	− 5	*m*	...
...	+41·277	−12·720	0·70	...	...
α*	41·335	− 0·070	1·00	46.10228	9·8
...	41·530	+26·543	− 5	...	...
...	41·662	−31·386	− 4	...	...
...	41·894	+30·806	− 3	...	...
381					
...	+41·965	+31·075	− 5	...	...
*	43·588	−19·040	0·95	46.10229	10·4
...	44·108	+28·304	− 5	...	...
...	44·189	+ 0·730	− 2	...	...
...	44·215	−45·063	− 4	*m*	...
...	+44·392	+19·809	0·90	...	...
†	44·836	+42·245	− 5	...	...
...	45·048	−58·340	− 4	...	...
...	45·398	+16·987	− 5	...	...
...	45·772	−45·365	− 4	...	...
391–420					
391					
...	+45·844	+31·722	− 2	...	...
...	46·607	− 2·224	− 2	...	...
...	47·088	− 6·492	− 5	*e*	...
*	47·966	− 3·960	1·00	46.10230	10·4
...	48·502	+26·692	− 4	...	...
*	+48·616	+ 0·732	1·00	46.10231	10·4
...	49·042	− 6·242	− 4	*e*	...
...	49·079	−30·001	− 4	...	...
...	49·228	−45·235	− 5	*m*	...
...	49·532	+ 2·320	− 2	...	...
401					
‡	+49·887	+40·439	1·15	45.10156	9·8
...	49·928	−54·246	− 5	*m*	...
...	49·954	+15·765	− 4	...	...
...	50·222	+18·272	0·70	...	...
...	50·261	−15·085	0·80	...	...
...	+50·424	+31·414	− 3	...	...
*	50·858	−16·481	1·00	...	...
*	50·914	−48·816	1·20	46.10233	10·3
S *	51·003	+ 1·296	2·00	46.10232	8·8
...	51·590	+55·280	− 4	*e*	...
411					
...	+51·636	−40·050	− 3	...	...
...	51·977	−22·221	− 4	*m*	...
...	52·357	−55·172	− 5	*m*	...
*	52·448	−20·855	2·00	46.10234	8·8
...	52·687	−10·681	− 3	...	...
*	+53·005	−33·607	1·10	46.10235	10·0
*	53·497	−22·918	1·15	46.10236	10·0
...	53·562	+35·952	0·65	...	...
...	54·217	− 4·206	− 4	*e*	...
†	54·693	−22·709	0·65	...	...
421–438					
421					
...	+55·004	+ 8·309	− 4	...	...
...	55·052	−20·337	− 5	*m*	...
...	55·113	−30·729	− 5	*m*	...
...	55·483	+45·916	− 5	...	...
*	55·856	+30·470	1·20	45.10157	9·8
...	+55·916	− 9·804	0·70	...	...
...	56·511	−23·441	− 5	*m*	...
S *	57·084	−43·723	1·20	46.10237	9·6
...	57·372	+ 8·500	− 1	...	...
...	57·474	+35·151	− 3	...	...
431					
...	+57·913	+51·146	− 3	...	...
...	58·127	−48·135	− 1	...	...
...	58·353	+25·445	− 5	...	...
†	58·452	+10·009	− 5	...	...
*	58·469	+ 4·429	1·40	46.10238	9·5
...	+58·962	+29·691	− 5	*m*	...
S *	59·122	−23·895	1·60	46.10239	8·8
...	59·423	−31·383	− 3	...	...

−46° No. 130 D,−2 1903·69 21h 30m

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1–20					
I					
‡	−60·023	−19·292	1·00	46.10229	10·4
...	59·383	+31·500	− 5	...	...
...	57·559	− 2·398	− 4	...	...
...	56·943	− 6·650	− 5	E	...
*	56·140	− 4·090	1·00	46.10230	10·4
*	−55·632	+ 0·626	1·00	46.10231	10·4
*	55·608	+40·334	1·10	45.10156	9·8
...	54·997	− 6·341	− 5	E	...
...	54·760	+ 2·240	− 2	...	...
...	54·587	+18·197	− 4	...	...
II					
...	−54·383	+55·240	− 5	E	...
...	54·214	−30·082	− 5	...	...
...	53·490	−15·136	0·80	...	...
S *	53·262	+ 1·258	2·00	46.10232	8·8
...	52·861	−16·522	0·95	...	...
...	−51·793	+35·966	− 2	...	...
...	51·778	−48·834	1·00	46.10233	10·3
...	51·348	−40·044	− 5	...	...
...	51·206	−10·668	− 2	...	...
*	51·123	−20·827	2·00	46.10234	8·8
21–40					
21					
‡	−50·167	−33·562	1·05	46.10235	10·0
*	50·014	−22·860	1·15	46.10236	10·0
...	49·900	− 4·135	− 5	E	...
...	49·493	+ 8·381	− 5	...	...
...	49·336	+30·560	0·80	45.10157	9·8
...	−48·819	−22·607	0·80	...	...
...	48·004	− 9·685	0·65	...	...
...	47·926	+51·279	− 5	...	...
...	47·856	+35·290	− 4	...	...
...	47·138	+ 8·660	0·70	...	...
31					
...	−46·683	+25·611	− 5	...	...
...	46·088	+10·192	− 4	...	...
*	45·901	+ 4·623	1·25	46.10238	9·5
S *	45·790	−43·538	1·20	46.10237	9·6
...	44·598	−47·922	− 1	...	...
S *	−44·362	−23·669	2·00	46.10239	8·8
...	43·830	−31·138	− 3	...	...
...	43·283	−23·562	− 2	...	...
...	43·006	−29·423	− 4	M	...
...	42·389	+15·395	− 3	...	...
41–60					
41					
...	−42·153	−15·826	1·00	46.10240	10·6
†	42·075	+ 9·934	0·80	...	...
...	41·645	− 9·760	− 4	...	...
*	41·154	− 8·725	1·60	46.10241	8·8
...	40·040	+48·687	− 4	...	...
...	−39·885	+13·367	− 4	...	...
...	38·267	−11·414	− 5	...	...
*	38·098	−27·014	1·00	46.10242	9·8
*	37·808	−35·712	1·00	46.10243	10·4
*	37·367	+ 6·371	1·00	46.10244	9·8
51					
...	−36·604	+27·590	0·75	...	...
*	36·313	+ 2·520	1·00	46.10245	9·8
...	36·136	−24·510	− 5	M	...
...	36·097	+29·746	− 5	...	...
...	35·357	+48·271	− 5	...	...
...	−35·323	−13·936	0·80	...	...
...	33·617	−53·461	− 5	...	...
*	32·948	−25·694	2·00	46.10246	8·8
...	32·903	+39·432	0·75	...	...
SN*	32·558	+42·402	4·00	45.10158	6·9

L measured from 1, 45, 88, 136, 170, 213.
C „ „ 22, 63, 108, 147, 188, 238.

60. Remeasure 1914, $x = 32''\cdot569$.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
61–120					
61					
*	−30·865	−35·089	1·00	46.10247	10·0
...	30·453	+15·375	− 5	...	...
...	29·588	+16·253	− 3	...	...
...	29·350	−35·650	0·90	...	...
...	28·760	−37·568	− 5	M	...
...	−28·577	+46·596	0·65	...	...
...	28·504	+22·060	− 4	...	...
...	28·075	+49·540	− 5	M	...
...	28·050	+51·247	− 3	...	...
...	27·585	− 6·772	− 4	...	...
71					
*	−27·347	−20·400	1·30	46.10248	9·4
...	26·515	+17·623	− 5	...	...
...	26·388	+40·969	− 5	...	...
†	25·833	+44·891	− 5	...	...
...	24·449	−19·624	− 3	...	...
...	−24·358	+41·272	− 5	...	...
*	23·943	+35·001	1·00	45.10159	10·6
...	23·387	+22·632	0·70	...	...
...	23·231	−36·170	0·70	...	...
*	23·148	−29·100	1·10	46.10249	10·3
81					
...	−22·261	+10·950	− 5	...	...
...	21·507	−53·102	− 3	A	...
...	21·443	+47·989	0·75	...	...
...	21·199	+20·125	− 4	...	...
S *	21·059	+54·310	2·00	45.10160	8·8
...	−21·035	−23·404	− 5	M	...
...	20·731	+ 6·743	− 2	...	...
...	19·836	+25·403	0·65	...	...
...	19·500	−17·550	− 3	...	...
...	19·241	−56·529	− 5	...	...
91					
...	−18·838	−47·578	− 4	...	...
...	18·584	+34·704	− 5	...	...
*	18·381	+16·121	0·90	...	...
*	18·277	−25·421	1·20	46.10250	9·5
...	17·490	+46·945	0·95	...	...
*	−16·724	−40·668	1·40	46.10251	9·5
...	16·252	+49·484	0·95	45.10161	10·4
...	15·735	+ 3·006	0·80	...	...
†	15·314	+22·970	− 5	...	...
S ‡	15·184	+33·435	2·40	45.10162	7·8
101					
...	−14·514	+46·268	− 5	...	...
...	13·911	−40·811	0·90	...	...
...	12·639	−42·266	− 5	...	...
...	12·567	+28·647	0·75	...	...
...	12·467	+ 6·363	0·70	...	...
...	−11·038	−23·200	0·80	...	...
*	10·514	+ 7·997	1·00	45.10163	10·2
†	10·168	−27·745	− 4	...	...
*	9·970	−22·696	1·05	46.10252	10·2
...	9·777	+27·357	− 1	...	...
111					
...	− 9·769	− 5·817	0·80	...	...
*	9·346	+37·953	1·20	45.10164	9·6
...	8·940	− 1·847	− 5	M	...
...	8·931	+26·987	− 5	...	...
...	8·748	+42·924	− 2	...	...
...	− 8·046	−50·057	− 4	...	...
...	8·006	−35·623	− 4	...	...
...	7·403	+36·257	− 5	...	...
...	6·763	+50·018	− 4	...	...
...	6·078	+14·708	− 1	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
121–180					
121					
†	− 4·921	−14·941	0·95	46.10253	9·8
...	4·349	+28·496	− 3	...	...
...	4·316	−15·364	− 1	...	...
...	3·553	−42·861	0·95	...	...
*	3·265	−32·674	1·00	46.10254	10·4
...	− 3·136	+15·727	− 5	*m*	...
...	2·912	−22·079	− 5	M *m*	...
...	2·583	−36·687	− 4	...	...
*	2·443	+46·086	1·15	45.10165	9·6
...	2·343	−50·181	− 4	...	...
131					
...	− 1·781	+52·375	0·90	45.10166	10·0
...	1·461	−26·170	− 4	M	...
...	1·198	−27·117	− 1	...	...
...	0·791	+ 3·842	− 1	...	...
*	0·423	− 5·617	1·50	46.10255	9·0
*	− 0·101	−11·972	1·00	46.10256	9·6
...	+ 2·021	+47·251	− 4	...	...
...	2·785	+50·549	− 5	*m*	...
...	3·545	−15·136	0·90	...	...
...	3·789	−24·723	0·90	...	...
141					
...	+ 3·935	+49·732	− 4	...	...
...	4·364	+51·661	− 5	...	...
*	5·156	−10·367	2·20	46.10257	8·2
*	5·730	+39·653	1·70	45.10167	8·6
...	5·909	− 3·029	− 4	M	...
...	+ 9·428	−36·359	− 5	*m*	...
...	10·860	+53·751	− 5	...	...
S *	12·008	−29·363	2·00	46.10258	8·4
...	12·484	− 1·634	− 4	*m*	...
S *	12·902	− 1·876	4·00	46.10259	6·8
151					
...	+12·957	−42·629	− 5	...	...
*	12·961	−16·365	1·20	46.10260	9·4
...	13·461	−54·188	− 4	...	...
...	13·660	+19·737	0·70	...	...
...	13·794	+36·451	1·00	45.10168	10·4
...	+15·190	−23·052	− 1	...	...
...	15·288	−38·558	− 5	*m*	...
...	15·825	−25·878	0·70	...	...
...	15·855	+55·502	− 2	...	...
S *	16·595	+37·880	1·65	45.10169	8·8
161					
...	+17·168	+51·832	− 1	...	...
...	17·246	−50·663	− 5	...	...
...	17·456	+54·411	0·80	...	...
*	17·763	+ 9·843	1·15	45.10170	10·0
...	17·766	−19·524	− 3	...	...
...	+18·110	+21·748	− 4	...	...
...	18·117	−10·694	− 3	...	...
*	19·069	+21·517	1·00	45.10171	10·0
...	19·165	+ 6·222	0·90	46.10261	10·4
...	21·082	+47·883	− 4	...	...
171					
*	+21·212	+24·040	1·05	45.10172	9·6
...	23·607	+22·067	− 5	...	...
...	23·856	−15·846	− 5	*m*	...
...	24·314	+34·731	− 2	...	...
...	25·438	+37·080	− 5	...	...
...	+26·121	−28·503	− 2	...	...
...	26·874	−10·285	− 1	...	...
...	27·060	+47·369	1·00	45.10173	10·4
...	27·143	−37·247	− 3	...	...
*	27·529	−32·978	2·00	46.10262	8·6

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
181–240					
181					
...	+27·622	+30·582	0·70	...	...
...	28·470	−24·700	− 5	*m*	...
...	28·474	−24·008	− 5	*m*	...
...	28·495	−42·667	− 3	...	...
...	28·942	+33·616	0·70	...	...
...	+29·307	+53·858	− 4	...	...
...	29·523	−43·459	0·65	...	...
†	29·681	+28·987	− 5	...	...
*	29·883	−29·159	2·00	46.10263	8·4
...	30·049	−18·802	1·00	...	...
191					
...	+30·690	+ 3·696	− 5	...	...
...	30·699	−37·045	0·75	...	...
S *	31·266	−46·499	2·00	46.10264	8·2
...	31·285	+49·628	− 1	...	...
...	31·326	+11·514	0·80	...	...
...	+31·410	+21·077	− 2	...	...
S *	33·011	+57·827	3·00	45.10174	7·4
...	33·256	+41·241	− 4	...	...
...	35·037	−10·757	0·90	46.10265	10·4
...	35·862	−41·792	− 5	*m*	...
201					
*	+36·274	−41·192	1·00	46.10266	10·4
...	36·305	−11·677	0·90	...	...
...	36·394	+13·395	0·95	...	...
*	36·833	+52·830	1·40	45.10175	9·0
*	36·994	+11·902	1·00	45.10176	10·4
...	+37·175	+25·427	− 4	...	...
...	37·244	+ 5·794	0·70	...	...
...	37·390	−40·271	− 5	...	...
...	37·803	−43·061	− 5	*m*	...
‡	38·942	−19·942	1·30	46.10267	9·0
211					
...	+39·251	+ 9·272	− 5	...	...
...	39·479	+56·815	− 4	...	...
...	40·051	−57·702	− 5	*m*	...
...	40·530	−33·196	− 4	...	...
...	41·370	+28·166	− 5	...	...
...	+41·752	−29·391	− 4	...	...
...	42·180	−58·892	− 5	...	...
...	42·718	−22·013	− 4	...	...
*	42·793	−11·117	1·30	46.10268	9·2
...	42·831	−30·042	− 4	...	...
221					
...	+42·940	− 6·655	1·00	...	...
...	43·470	+10·847	0·70	...	...
S *	44·107	−38·453	2·00	46.10270	8·5
...	44·175	−37·948	− 5	*m*	...
...	44·335	+59·433	− 1	45.10177	10·4
†	+44·482	+ 5·002	0·95	46.10269	10·4
S ‡	44·671	+12·225	1·00	45.10179	9·6
...	44·733	−27·925	0·75	...	...
...	44·989	−27·968	0·80	...	...
...	45·152	+40·088	1·00	45.10178	10·4
231					
...	+45·355	−26·954	0·90	...	...
*	45·639	−49·110	1·30	46.10271	9·6
...	46·195	− 0·016	− 5	*e*	...
...	46·776	+ 7·311	0·95	...	...
...	47·283	− 1·393	0·90	...	...
...	+48·164	+28·368	− 4	...	...
...	48·434	+35·217	− 2	...	...
...	49·829	+53·912	− 1	...	...
...	50·681	+ 0·146	− 4	...	...
...	50·777	+55·470	− 4	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
241–250					
241	′	′		°	
...	+51·337	−19·411	0·70	...	...
...	51·782	+ 5·238	0·80	46.10272	10·4
...	51·782	− 1·615	− 1	...	...
...	53·055	+27·087	− 5	...	...
*	53·449	+48·859	1·80	45.10180	8·8
...	+53·557	−41·005	0·65	...	...
S *	55·224	−13·220	2·80	46.10273	7·8
...	55·437	+33·922	− 1	...	...
...	55·836	−27·914	− 5	...	...
*	56·662	−13·736	1·40	46.10274	9·4
251–256					
251	′	′		°	
...	+56·805	+20·289	0·90	45.10181	10·4
...	57·082	−58·904	− 3	...	...
...	57·491	−54·409	− 4	...	...
...	57·727	−13·031	− 4	...	...
...	58·215	+45·276	− 1	...	...
...	+58·903	−42 061	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1–40					
1	′	′		°	
†	−59·867	+ 4·775	0·90	46.10269	10·4
...	59·050	− 5·123	− 5	...	...
S *	58·891	−38·697	2·00	46.10270	8·5
...	58·605	−28·144	− 2	...	...
...	58·337	−28·186	− 1	...	...
...	−58·026	− 0·199	− 4	E	...
...	58·009	−27·158	− 1	...	...
...	57·667	+ 7·149	0·80	...	...
*	57·029	−49·314	1·40	46.10271	9·6
...	56·935	+28·235	− 5	...	...
11					
...	−56·893	− 1·550	0·75	...	...
...	56·881	+35·082	− 3	...	...
...	56·073	+53·831	− 1	...	...
...	55·187	+55·405	− 4	...	...
...	53·335	−32·548	− 5	M	...
...	−52·589	+ 5·228	0·95	46.10272	10·4
...	52·390	− 1·633	0·70	...	...
*	52·294	+48·890	2·10	45.10180	8·8
...	52·260	−19·431	0·70	...	...
...	52·151	−15·314	− 5	M	...
21					
...	−52·017	+27·089	− 4	...	...
...	50·337	+42·449	− 5	...	...
†	49·837	+34·020	0·70	...	...
...	49·377	−40·940	0·90	...	...
...	49·114	+41·949	− 5	...	...
...	−48·957	+25·116	− 5	...	...
S *	48·563	−13·120	2·30	46.10273	7·8
...	48·048	+20·426	0·90	45.10181	10·4
...	47·509	−27·777	− 5	...	...
...	47·421	+45·450	− 2	...	...
31					
...	−47·392	−17·875	− 5	M	...
*	47·121	−13·581	1·40	46.10274	9·4
...	46·080	−12·847	− 4	...	...
...	45·627	+45·856	− 4	...	...
...	45·275	−58·731	− 4	...	...
...	−45·016	−54·227	− 1	...	...
...	43·988	−41·829	− 5	...	...
...	43·608	+13·098	0·75	...	...
...	42·551	+24·669	− 2	...	...
...	42·243	+ 1·848	− 3	...	...
41–80					
41	′	′		°	
†	−42·034	−29·927	1·00	46.10275	10·4
*	41·841	−53·893	1·30	47. 9738	9·4
...	41·766	+53·492	1·00	45.10182	10·0
...	41·125	−44·323	− 4	...	...
...	40·559	+34·626	− 4	...	...
...	−39·879	+41·532	− 5	...	...
...	39·630	+37·643	− 2	...	...
*	39·097	+ 0·452	0·95	46.10276	10·2
...	38·864	−20·714	− 4	...	...
...	38·758	−18·047	− 5	...	...
51					
*	−38·524	+29·438	1·00	45.10184	10·0
S ‡	37·907	+35·027	1·40	45.10185	8·8
...	37·102	+56·417	− 4	...	...
*	36·200	+33·177	1·10	45.10186	9·6
*	36·150	− 0·643	1·15	46.10277	9·6
...	−35·577	+39·778	0·70	...	...
*	35·046	+29·174	1·15	45.10187	9·6
*	34·593	−34·483	1·20	46.10278	9·6
...	34·532	+30·922	0·75	...	...
...	34·274	−16·628	− 3	...	...
61					
...	−34·183	−37·026	0·70	...	...
...	34·051	−33·566	0·80	...	...
...	33·880	−16·397	0·70	...	...
...	32·585	+ 0·469	− 5	...	...
...	29·380	+28·174	− 4	...	...
...	−29·133	+52·038	− 5	...	...
...	28·753	−41·528	− 3	...	...
...	28·249	−38·045	− 4	M	...
...	27·550	−57·390	− 1	...	...
...	27·147	−33·165	− 4	M	...
71					
...	−26·837	−48·576	− 2	...	...
...	26·771	−56·437	− 2	...	...
...	26·407	−35·657	0·70	...	...
*	26·384	+19·461	1·15	45.10189	9·8
...	26·136	+22·015	− 5	...	...
†	−25·827	− 4·915	− 2	...	...
...	25·206	−39·569	− 5	M	...
...	24·621	+10·8c6	− 4	...	...
...	24·535	+43·102	0·70	...	...
...	24·424	−45·535	− 2	...	...
81–120					
81	′	′		°	
...	−24·058	−28·948	0·70	...	...
...	23·689	−26·075	− 5	M	...
...	23·603	− 3·610	− 5	...	...
...	23·571	+ 7·558	− 3	...	...
...	23·339	+25·999	− 3	...	...
...	−23·254	−49·357	− 3	...	...
...	22·755	+42·794	0·90	...	...
...	22·042	−12·956	0·70	46.10279	10·4
...	21·990	− 7·151	0·80	...	...
...	21·371	−40·099	− 3	...	...
91					
...	−21·279	−41·886	− 4	...	...
...	20·974	+41·720	0·90	...	...
...	19·592	−10·557	0·70	...	...
...	18·600	+14·633	− 5	...	...
...	17·652	−51·866	− 4	...	...
...	−17·619	−21·814	0·95	46.10280	10·4
...	17·094	+58·311	− 5	...	...
...	16·672	−18·067	− 5	M	...
...	16·663	+ 3·613	− 5	...	...
...	16·000	−57·504	− 5	...	...
101					
*	−14·377	+37·690	0·95	45.10191	10·4
...	12·837	+36·286	− 5	...	...
...	12·066	+35·302	0·90	45.10192	10·4
S ‡	11·890	−54·867	1·40	47. 9749	8·6
...	11·083	+40·054	0·85	45.10193	10·2
...	−10·209	+39·631	0·90	...	...
‡	10·117	− 9·988	1·00	46.10281	9·6
S *	9·878	− 5·407	1·15	46.10282	9·3
...	8·186	+47·484	− 5	M	...
*	7·875	−52·907	1·30	46.10283	9·1
111					
...	− 7·729	+19·795	− 5	...	...
...	7·213	−53·697	− 4	...	...
...	7·085	−45·849	− 5	*m*	...
*	6·145	+23·653	1·00	45.10194	10·0
...	5·672	+ 4·023	0·90	46.10284	10·4
...	− 5·211	+32·088	− 2	...	...
†	4·996	−11·949	− 5	...	...
...	4·316	+37·929	− 5	...	...
...	4·260	+22·779	− 3	...	...
...	4·167	+30·040	0·95	45.10195	10·4

L measured from 1, 93, 167.
C ,, ,, 46, 134, 216.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
121–170					
121	′	′	°		
...	− 4·079	+ 7·718	− 5	...	...
...	3·954	+44·219	0·90	...	...
*	3·664	+31·104	1·00	45.10196	10·0
...	3·584	−36·217	0·80	...	...
...	3·144	−25·655	− 5	*m*	...
*	− 2·551	+37·769	1·00	45.10197	9·4
S *	2·490	+23·101	1·45	45.10198	8·8
...	2·257	−18·061	− 2	...	...
...	1·969	−22·997	0·70	...	...
*	1·816	+52·977	1·15	45.10199	9·3
131					
*	− 1·563	−13·511	1·00	46.10285	10·4
...	1·297	+32·061	− 4	...	...
...	− 0·469	− 8·289	− 3	...	...
...	+ 1·193	−13·907	− 4	...	...
*	2·501	−42·119	1·00	46.10286	10·4
...	+ 3·480	−32·237	− 4	M	...
S *	3·945	−27·774	1·50	46.10287	9·0
*	4·325	−51·025	2·70	46.10288	8·0
...	4·876	−49·999	− 3	...	...
...	5·342	−41·575	− 5	M *m*	...
141					
...	+ 5·799	−27·422	− 5	M *m*	...
...	5·926	+ 4·331	− 2	...	...
*	6·418	+41·310	1·20	45.10201	9·4
...	6·668	+24·332	0·70	...	...
S ‡	7·469	−54·733	1·50	47. 9755	8·6
...	+ 8·700	−36·861	0·90	46.10289	10·4
...	9·329	+38·166	− 5	...	...
*	10·115	− 7·923	1·00	46.10290	10·0
...	10·544	−14·257	0·90	...	...
...	11·277	+ 5·644	0·65	...	...
151					
...	+11·302	−46·741	− 2	...	...
...	11·502	+39·228	0·85	...	...
...	12·032	+53·017	0·90	45.10202	10·4
...	13·070	− 3·945	0·70	...	...
...	13·165	−24·586	− 5	*m*	...
*	+13·916	−38·467	1·00	46.10291	10·4
...	14·665	−46·931	− 3	...	...
*	16·001	+42·717	1·40	45.10204	8·6
...	16·208	− 6·742	− 1	...	...
S *	16·213	+32·572	3·00	45.10205	7·8
161					
...	+16·951	−35·009	0·65	...	...
...	17·116	+26·634	− 5	...	...
...	17·243	−26·649	− 5	*m*	...
...	17·888	−44·106	− 5	*m*	...
...	18·192	−34·569	0·75	...	...
*	+18·694	+35·616	1·20	45.10206	9·4
*	20·706	+33·586	1·00	45.10207	9·6
*	21·173	−43·770	1·00	46.10292	10·2
...	21·707	−31·180	− 2	...	...
...	21·845	− 9·214	0·75	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
171–220					
171	′	′	°		
...	+22·005	+31·078	− 3	...	...
...	24·339	− 2·218	− 4	...	...
*	24·560	−20·327	1·00	46.10293	9·4
*	24·602	+29·263	0·95	45.10208	10·4
†	24·936	+39·205	0·85	45.10209	10·4
*	+25·076	− 8·950	1·00	46.10294	10·2
...	25·251	−14·399	− 4	...	...
...	25·459	+17·111	− 3	...	...
*	26·574	+13·498	0·95	45.10210	10·2
...	26·999	+43·303	− 5	...	...
181					
...	+27·775	+26·483	− 5	...	...
...	27·892	+ 7·023	− 4	...	...
*	27·921	−38·748	1·00	46.10295	9·6
...	28·122	+28·194	0·90	...	...
...	28·205	+ 3·678	− 4	...	...
...	+28·465	−41·653	− 3	...	...
...	28·553	+30·602	− 3	...	...
*	28·798	−42·503	1·10	46.10296	9·4
*	29·473	+54·805	1·00	45.10211	9·6
...	29·488	− 0·364	− 5	*m*	...
191					
...	+29·693	−50·762	− 4	...	...
†	29·818	+21·364	− 2	...	...
...	29·965	−53·524	− 5	...	...
...	30·021	−21·219	0·70	...	...
*	30·187	+35·516	1·00	45.10212	9·8
*	+30·551	+39·543	1·20	45.10213	9·3
*	30·671	+18·617	0·80	...	...
...	30·706	−32·945	− 4	...	...
...	31·668	+41·086	0·65	...	...
...	32·508	+46·781	− 5	...	...
201					
*	+33·245	+ 9·224	1·00	45.10214	10·0
...	33·276	−37·148	− 4	...	...
...	33·493	+36·704	− 5	...	...
...	34·685	+10·796	− 4	...	...
...	35·108	+25·143	− 5	*m*	...
...	+35·302	+19·797	− 5	...	...
...	35·432	+59·414	− 5	...	...
*	35·487	−52·383	1·25	46.10298	9·6
*	35·577	−27·578	1·40	46.10297	9·0
...	35·610	−22·918	− 5	...	...
211					
...	+36·536	−16·119	− 5	*m*	...
...	37·435	−23·112	− 5	...	...
*	38·763	+26·257	1·10	45.10216	9·3
*	38·847	−35·300	1·25	46.10299	9·4
...	38·979	+47·233	0·65	45.10217	10·4
†	+39·897	−17·645	− 4	...	...
...	40·804	−15·374	− 1	...	...
...	40·835	− 7·552	− 2	...	...
*	40·945	−15·402	1·40	46.10300	8·8
...	42·060	+47·974	− 5	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
221–254					
221	′	′	°		
...	+42·111	+ 8·968	− 4	...	...
...	42·124	+50·483	− 1	...	...
...	42·324	−17·783	− 3	...	...
‡	44·043	+49·988	0·90	45.10218	10·0
...	44·263	− 9·688	− 5	*m*	...
S ‡	+44·958	−14·651	1·80	46.10301	8·5
S *	45·561	+43·411	2·00	45.10219	8·5
...	46·224	−49·641	0·90	46.10302	10·4
...	46·453	−40·922	− 1	...	...
...	46·992	−45·350	0·90	...	...
231					
...	+47·042	+55·537	− 1	...	...
...	47·165	−43·344	− 2	...	...
...	47·270	−18·186	− 3	...	...
...	47·939	−46·020	0·85	...	...
*	47·963	+ 8·906	1·00	45.10220	10·0
...	+48·709	+ 7·820	− 5	...	...
*	49·596	+39·319	1·40	45.10221	9·3
...	51·866	−26·790	0·65	...	...
...	52·354	−36·476	− 1	...	...
...	52·400	+17·908	− 4	...	...
241					
...	+52·908	−11·884	0·90	46.10303	10·4
...	53·038	+48·689	− 4	...	...
...	53·764	+26·536	− 5	...	...
*	53·961	−46·922	1·25	46.10304	10·0
...	54·592	+ 8·394	− 4	...	...
*	+55·661	+14·823	1·00	45.10222	10·4
...	55·860	−26·015	− 5	...	...
...	56·022	− 7·905	− 5	*m*	...
...	57·565	+44·110	− 1	...	...
...	57·682	−39·955	0·80	46.10305	10·4
251					
...	+57·756	−27·669	− 2	...	...
*	58·153	+27·801	1·05	45.10223	10·0
...	58·194	−41·984	− 1	...	...
...	59·106	+10·792	− 5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
1–60					
1					
*	−60·018	+43·183	2·00	45.10219	8·5
...	58·925	+55·344	− 5	...	...
S‡	58·802	−14·865	1·40	46.10301	8·5
...	56·544	+ 8·766	0·90	45.10220	10·0
...	56·495	−41·089	− 5	...	...
†	−56·450	−49·798	− 4	46.10302	10·4
...	56·400	−18·332	− 5	...	...
*	55·861	+39·215	1·10	45.10221	9·3
...	55·810	−45·489	− 5	...	...
...	55·699	−43·491	− 5	...	...
11					
...	−54·845	−46·127	− 5	...	...
...	52·398	+17·906	− 5	...	...
...	51·530	−26·793	− 5	...	...
...	50·954	−11·864	0·70	46.10303	10·4
...	50·739	−36·455	− 5	...	...
...	−49·037	+14·905	0·80	45.10222	10·4
...	48·796	−46·837	− 1	46.10304	10·0
...	48·053	+44·245	− 5	...	...
*	46·954	+27·969	1·00	45.10223	10·0
...	45·637	−27·487	− 5	...	...
21					
†	−45·304	−39·766	− 2	46.10305	10·4
*	45.097	+31·252	1·00	45.10224	9·3
...	44·725	−41·771	− 5	...	...
...	44·443	+ 8·471	− 5	...	...
...	43·638	−20·554	0·80	46.10306	10·4
...	−40·452	− 4·185	− 5	...	...
†	40·292	−18·925	− 5	...	...
...	39·948	−51·177	− 4	...	...
...	39·936	− 5·223	0·90	46.10307	10·0
...	39·374	+39·468	− 5	...	...
31					
...	−39·129	+21·211	− 5	...	...
...	38·477	+ 8·604	− 5	...	...
...	37·458	−49·508	− 4	...	...
S*	37·046	+12·036	1·20	45.10225	8·6
*	36·699	−51·986	1·30	46.10308	9·3
...	−36·560	−24·958	− 5	M	...
...	36·335	−38·373	− 4	...	...
...	36·034	+15·334	0·90	45.10226	10·4
S*	35·723	−29·509	1·00	46.10309	9·3
‡	35·259	+23·866	1·00	45.10227	9·0
41					
*	−35·148	+31·889	1·00	45.10228	9·6
...	34·488	−45·351	− 5	...	...
...	33·740	+10·531	− 5	...	...
...	33·710	+32·905	0·90	...	...
*	32·663	−43·198	1·00	46.10310	9·6
...	−32·591	+46·356	− 4	...	...
...	30·467	−27·609	− 5	...	...
...	29·266	+15·388	− 5	...	...
...	29·039	−44·003	0·70	...	...
...	28·387	+43·695	− 5	...	...
51					
...	−27·976	−14·747	− 1	46.10311	10·4
...	27·200	+40·424	− 5	...	...
...	26·980	−16·337	0·80	46.10312	10·4
...	26·284	+31·380	− 1	...	...
...	25·563	−19·701	0·65	...	...
‡	−25·280	+36·335	1·00	45.10229	9·6
...	25·207	+ 1·188	− 3	...	...
...	25·003	−22·150	− 5	...	...
...	24·698	−37·313	− 5	M	...
...	22·010	−17·940	0·65	46.10313	10·4

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
61–120					
61					
...	−21·972	+52·094	0·80	45.10230	10.4
...	21·338	−45·786	− 5	...	...
...	20·981	−23·480	− 5	...	...
...	20·768	−53·606	− 5	...	...
...	18·933	+23·361	0·85	45.10231	10·0
S*	−18·195	+43·116	1·20	45.10232	8·8
...	17·971	−38·012	− 3	...	...
...	17·910	+35·285	− 5	...	...
...	16·933	−11·155	− 3	...	...
...	16·111	+34·492	0·90	45.10233	10·2
71					
...	−16·045	−22·472	− 5	M	...
...	15·799	+24·148	0·75	45.10234	10·4
...	15·634	− 2·119	0·65	...	...
...	14·198	−18·263	− 1	...	...
...	13·886	−22·015	− 5	...	...
...	−13·796	+22·485	− 5	...	...
...	12·638	+36·047	− 2	...	...
*	11·873	+50·011	1·05	45.10235	9·3
...	11·534	−26·044	− 5	M	...
...	10·916	+37·908	− 5	...	...
81					
*	−10·890	+46·578	1·00	45.10236	9·6
...	10·782	+ 7·450	− 5	...	...
...	10·607	+17·851	0·65	...	...
*	10·565	−38·361	1·05	46.10314	9·4
...	9·723	−27·146	0·90	46.10315	10·2
...	− 9·537	+49·625	− 1	...	...
...	7·744	+19·584	− 4	...	...
†	7·687	+20·046	0·70	45.10237	10·4
...	7·650	−30·659	0·90	46.10316	10·4
...	5·969	+19·394	− 5	*m*	...
91					
...	− 5·254	−14·710	− 2	46.10317	10·4
...	5·241	+29·220	− 3	...	...
S*	5·214	+16·762	2·00	45.10238	8·0
...	4·618	+46·320	− 3	...	...
...	4·407	+ 3·528	− 2	...	...
...	− 4·222	− 1·385	− 5	M *m*	...
...	3·569	−39·290	− 3	...	...
*	3·417	+51·875	1·05	45.10239	9·6
...	3·157	− 7·747	− 4	*m*	...
*	2·531	−44·178	1·15	46.10318	9·3
101					
...	− 2·345	−45·837	− 4	...	...
...	2·111	−21·637	− 4	...	...
...	1·022	+54·325	− 1	...	...
...	0·561	−45·763	− 4	M	...
*	− 0·525	+47·986	1·05	45.10240	9·6
...	+ 0·119	+13·399	− 2	...	...
...	0·410	+25·542	− 5	...	...
...	1·127	+24·546	− 4	...	...
...	1·914	−40·958	− 5	...	...
...	2·769	+ 4·623	− 5	...	...
111					
*	+ 3·361	+ 9·867	1·00	45.10241	9·8
...	3·405	−58·236	− 1	47. 9792	10·0
*	3·694	−50·392	1·00	46.10319	10·0
...	3·900	+42·060	− 5	...	...
...	4·046	+49·586	0·70	...	...
S*	+ 4·324	−57·184	2·40	47. 9793	7·6
...	4·490	+ 4·018	0·70	...	...
*	4·787	+48·936	1·00	45.10242	10·2
...	6·016	+49·182	− 3	...	...
...	6·061	−54·117	− 1	47. 9795	10·4

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	−2.	No.	Mag.
121–180					
121					
...	+ 6·177	+56·057	− 5	...	...
...	8·802	+16·781	− 5	...	...
*	9·866	+ 6·680	0·95	46.10320	9·6
...	9·944	−58·906	− 5	...	...
...	9·973	−52·239	− 4	...	...
S*	+10·090	+ 6·465	1·20	46.10321	9·4
*	10·167	−43·914	0·95	46.10322	10·0
...	10·781	−12·354	0·70	46.10323	10·2
...	11·100	+10·342	− 5	...	...
S*	11·972	−21·567	1·35	46.10324	8·4
131					
...	+11·975	+29·479	− 5	...	...
...	11·976	−46·267	− 5	...	...
...	12·583	+45·450	− 5	...	...
...	12·708	−10·048	− 2	...	...
...	13·273	+39·109	− 5	...	...
...	+13·596	−17·367	0·70	...	...
...	14·847	−58·069	1·00	47. 9799	10·0
*	15·443	+28·331	0·90	45.10243	10·0
...	15·603	−57·590	− 5	...	...
†	17·119	−14·942	− 5	*m*	...
141					
...	+18·168	−25·564	− 5	*m*	...
...	18·421	+ 1·758	− 5	...	...
...	18·444	+42·061	− 4	...	...
...	19·223	−14·817	− 5	...	...
...	19·500	−17·559	− 4	...	...
...	+20·067	+57·300	− 5	...	...
...	20·419	+36·346	− 5	...	...
...	20·588	−34·143	− 5	*m*	...
...	20·965	+26·394	− 5	...	...
...	21·327	−48·740	− 1	46.10325	10·4
151					
...	+22·215	−17·279	− 5	...	...
...	22·739	− 3·695	0·65	...	...
...	23·120	−37·123	0·85	46.10326	10·4
S*	23·288	+45·987	1·90	45.10244	8·4
S*	23·992	−13·310	2·45	46.10327	7·6
...	+23·997	+25·628	− 5	...	...
...	24·456	+37·987	− 5	...	...
...	25·134	+16·640	− 5	...	...
...	25·258	+33·462	0·70	45.10245	10·4
...	25·641	−12·225	0·70	...	...
161					
...	+25·764	−35·561	− 4	...	...
...	26·225	+27·427	− 5	...	...
...	28·629	−24·325	− 5	*m*	...
...	29·202	−30·774	− 5	...	...
...	29·346	+59·230	− 4	...	...
...	+29·410	−46·432	− 5	...	...
...	30·544	−23·374	− 3	...	...
...	30·830	+21·303	0·70	45.10246	10·4
S*	30·858	−49·376	1·50	46.10328	8·2
...	33·069	+21·758	− 2	...	...
171					
...	+33·420	+15·338	− 4	...	...
...	33·473	+18·200	0·80	45.10247	10·2
...	34·807	+23·878	− 1	...	...
...	35·419	−47·844	− 5	...	...
...	35·875	+23·398	− 2	...	...
*	+36·035	− 6·276	1·10	46.10329	9·6
...	36·159	− 1·789	− 5	*m*	...
...	36·164	−37·549	− 1	...	...
*	36·730	+48·210	1·05	45.10249	10·0
...	36·842	+53·336	− 4	...	...

L measured from 1, 106.
C ,, ,, 48, 167.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
181–200					
181					
...	+37·316	+40·498	0·75	45.10250	10·4
...	38·188	− 0·429	− 4	...	...
...	38·936	−54·368	− 4	...	...
...	39·189	+27·742	− 4	...	...
*	39·240	−44·205	1·60	46.10330	8·8
*	+40·017	−20·209	1·00	46.10331	9·6
*	40·353	+11·603	0·90	45.10252	10·2
...	40·548	+52·023	0·85	45.10251	10·0
*	40·912	+43·859	1·00	45.10253	9·6
*	40·945	−18·227	0·90	46.10332	10·0
191					
...	+45·186	+48·025	− 5	...	...
*	45·795	−25·569	1·00	46.10333	9·8
...	47·299	−48·930	− 1	46.10334	10·4
...	47·715	+29·652	− 5	...	...
...	48·195	+13·829	− 5	...	...
...	+48·934	−41·038	− 5	*e*	...
...	51·499	+17·721	− 3	...	...
*	51·587	+51·497	1·20	45.10255	9·3
...	51·911	+40·638	− 4	...	...
*	52·305	−31·528	1·00	46.10335	9·6

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
201–212					
201					
S *	+52·342	−28·401	1·20	46.10336	9·0
...	52·703	+24·028	− 3	...	...
...	52·941	+ 3·475	− 1	...	...
S *	53·386	+ 6·792	1·05	46.10337	9·3
...	53·409	−31·108	− 3	...	...
*	+54·383	+25·849	1·00	45.10256	9·6
...	54·842	+59·406	− 3	...	...
...	55·176	−29·297	− 3	...	...
...	56·933	+ 2·537	0·65	46.10338	10·4
...	57·128	+23·520	− 5	...	...
211					
S *	+57·164	−52·451	1·40	46.10339	9·3
...	59·178	−18·834	0·90	46.10340	10·0

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. ...	C.P.D. No.	C.P.D. Mag.

1–30					
1					
...	−59·549	− 5·174	− 5	M	...
...	58·439	+17·470	− 5	M	...
...	58·016	+43·251	− 5	M	...
...	57·904	+43·282	− 5	M	...
*	57·628	−25·758	1·10	46.10333	9·8
...	−57·436	+29·494	− 4	...	...
...	56·464	+13·695	− 4	...	...
...	56·131	−55·071	− 5	...	...
...	56·057	−12·833	− 4	M	...
...	55·738	−45·127	− 5	M	...
11					
*	−55·387	−49·058	1·00	46.10334	10·4
*	54·259	+51·453	1·20	45.10255	9·3
...	54·000	−41·108	− 4	E	...
...	53·985	−32·159	− 5	M	...
...	53·593	+40·611	− 4	...	...
...	−53·296	+17·691	0·70	...	...
...	52·282	+24·034	0·75	...	...
...	51·734	−26·939	− 5	M	...
...	51·399	+ 3·499	0·90	...	...
...	51·247	+59·472	− 1	...	...
21					
S *	−51·059	+ 6·824	1·20	46.10337	9·3
S *	50·997	−28·378	1·20	46.10336	9·0
*	50·940	−31·508	1·00	46.10335	9·6
...	50·846	+35·454	− 4	M	...
*	50·654	+25·896	1·00	45.10256	9·6
...	−50·076	+25·753	− 4	...	...
†	49·843	−31·046	0·70	...	...
...	48·937	−37·909	− 5	M	...
...	48·696	−10·185	− 4	M	...
...	48·142	−29·190	0·75	...	...

31–60					
31					
...	−47·832	+23·652	− 4	...	...
...	47·369	+ 2·688	0·90	46.10338	10·4
...	47·030	−41·461	− 5	M	...
S *	45·418	−52·256	1·30	46.10339	9·3
...	45·272	+41·023	− 1	...	...
...	−44·829	−17·044	− 5	M	...
*	44·463	−18·606	1·00	46.10340	10·0
...	44·244	+46·458	− 1	...	...
...	44·189	+34·071	− 3	...	...
*	43·467	− 2·835	0·90	46.10341	10·4
41					
...	−43·023	+47·637	− 4	...	...
...	43·014	− 6·653	− 5	M	...
...	41·603	− 0·487	− 5	M	...
...	41·574	−41·015	− 5	M	...
*	40·624	−15·225	1·00	46.10342	9·8
*	−40·312	− 0·938	1·00	46.10344	10·2
*	40·017	−31·352	1·40	46.10343	8·8
...	39·224	+58·226	− 4	...	...
...	39·043	−37·294	0·80	...	...
...	38·937	+10·916	− 5	...	...
51					
...	−38·885	+11·018	− 5	...	...
...	38·755	−13·239	− 3	A	...
...	38·512	+13·138	− 1	...	...
...	38·322	−20·788	0·80	...	...
...	37·958	−18·955	− 3	A	...
...	−37·547	−24·868	0·75	...	...
...	36·674	+27·545	− 3	...	...
*	36·462	−30·360	1·15	46.10345	10·0
...	36·358	+ 7·072	− 5	...	...
...	36·151	+21·383	− 2	...	...

61–90					
61					
*	−36·082	+13·497	1·40	45.10257	9·0
...	36·018	+12·013	− 1	...	...
...	35·238	+44·086	− 5	M	...
...	35·031	+41·047	− 5	M	...
†	34·971	− 2·658	− 2	...	...
†	−34·892	−45·247	− 1	...	...
...	34·844	+20·551	− 2	...	...
...	33·784	− 7·388	− 5	M	...
...	33·647	− 8·915	− 5	M	...
...	33·367	−37·985	− 4	M	...
71					
†	−33·053	+54·891	− 5	M	...
*	32·782	−12·457	1·70	46.10346	8·8
†	32·614	+49·819	− 4	...	...
...	32·494	−35·888	− 3	A	...
...	32·382	−17·662	− 5	M	...
...	−32·201	−59·183	0·65	47. 9818	10·4
...	31·229	−55·741	− 5	M	...
...	31·169	−28·146	− 4	M	...
...	31·164	+16·265	− 5	...	...
...	29·926	−23·867	0·70	...	...
81					
...	−29·725	+14·206	− 4	...	...
...	29·675	−40·810	− 4	M	...
...	29·559	−55·569	− 4	M	...
...	29·419	−27·233	− 5	M	...
*	28·821	−31·443	1·05	46.10347	10·0
S *	−28·033	−36·679	2·20	46.10348	8·4
...	27·963	+43·242	0·90	...	...
...	26·906	+36·966	− 5	...	...
...	26·881	+26·424	− 5	M	...
...	26·563	−11·362	− 5	M	...

L measured from 1, 105, 220.
C „ „ 48, 161, 268.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
91–150					
91					
...	−25·997	+57·303	− 5	...	...
...	25·659	−34·402	0·80	46.10349	10·4
...	25·487	−27·176	− 5	M	...
...	25·459	−12·299	− 5	M	...
...	24·522	− 5·534	− 5	M	...
*	−24·362	+ 2·115	1·10	46.10350	9·8
...	24·012	−59·280	− 1	...	...
...	23·297	+40·326	0·80	...	...
...	22·974	−12·888	− 4	M	...
...	21·414	+58·297	− 4	...	...
101					
...	−21·251	+46·829	0·85	...	...
...	21·088	+50·624	− 5	...	...
*	20·791	−27·810	1·10	46.10351	9·6
‡	20·048	−34·958	0·85	46.10352	10·4
†	19·959	−23·410	− 5	M	...
...	−19·624	−24·163	− 2	...	...
...	19·560	−50·775	− 3	...	...
...	19·414	−59·748	− 5	M	...
...	18·694	+38·615	0·70	...	...
...	18·255	+40·801	0·90	45.10259	10·4
111					
...	−17·553	+48·125	− 4	...	...
...	17·536	−59·425	− 4	...	...
...	17·213	−54·240	− 5	M	...
...	16·655	+ 7·800	− 5	...	...
...	16·437	+17·905	− 5	...	...
...	−15·799	−44·764	− 2	...	...
*	15·715	−12·697	1·00	46.10353	10·4
*	15·585	+ 1·601	2·00	46.10354	8·4
...	15·312	− 3·251	− 4	M	...
S ‡	15·037	−14·473	2·55	46.10355	7·9
121					
...	−14·732	−43·629	− 2	...	...
...	14·247	−48·450	− 5	M	...
...	14·084	+26·731	− 3	...	...
...	13·753	+14·084	− 5	...	...
...	13·729	−13·380	− 2	...	...
*	−13·137	−39·813	1·00	...	...
†	12·760	+24·980	− 4	...	...
...	12·545	− 0·484	1·00	...	...
...	12·351	+39·514	− 5	...	...
...	12·161	+27·053	− 5	...	...
131					
...	−11·730	+34·599	− 1	...	...
...	11·573	−42·131	− 4	...	...
*	11·560	−40·605	1·00	46.10356	9·8
...	11·192	+49·420	− 2	...	...
...	11·106	−39·263	− 5	...	...
*	−11·098	+57·585	1·20	45.10260	9·8
*	10·531	+26·844	0·90	...	...
...	9·521	+38·807	− 3	...	...
...	9·221	−51·125	− 3	...	...
...	8·334	+33·522	0·65	...	...
141					
...	− 7·815	−27·039	− 4	*m*	...
...	7·383	+38·537	− 2	...	...
...	7·224	+30·903	− 5	*m*	...
...	6·727	−39·714	− 4	M *m*	...
...	6·264	−51·875	− 5	M *m*	...
...	− 4·398	+20·737	0·75	...	...
...	3·719	−18·375	− 5	M *m*	...
...	3·333	+ 7·105	− 5	...	...
†	2·847	−19·964	− 5	M *m*	...
...	2·757	+ 4·616	− 4	...	...
151–210					
151					
...	− 2·612	+19·223	0·95	...	...
...	2·448	+26·492	− 5	...	...
...	2·421	+24·118	− 4	...	...
*	2·145	−49·477	1·00	...	...
S *	1·610	+58·609	2·55	45.10261	7·7
* [	− 1·062	−33·001	1·00	...	...
...	0·972	−33·006	− 5	A *b*	...
...	0·579	+26·387	− 5	...	...
...	0·475	+ 7·987	− 5	...	...
...	− 0·396	−31·541	− 5	M *m*	...
161					
*	+ 0·599	+10·519	1·00	...	...
*	1·370	−38·363	1·20	46.10357	9·4
...	1·577	−48·884	− 4	*m*	...
...	1·901	−12·158	− 5	M *m*	...
...	3·528	−42·291	− 3	*m*	...
...	+ 3·654	+11·287	− 4	...	...
...	3·671	+21·886	− 4	...	...
...	3·815	+13·953	0·65	...	...
...	3·860	−18·369	− 5	*m*	...
*	4·377	+ 3·321	1·00	46.10358	9·8
171					
...	+ 4·519	−27·340	0·80	...	...
...	4·607	+26·420	− 4	...	...
†	4·974	−58·145	0·90	...	...
S *	5·030	+ 7·669	1·60	45.10262	8·3
...	5·374	−29·725	0·90	...	...
...	+ 5·446	−29·537	− 5	M *m*	...
...	5·728	+49·557	− 5	...	...
...	6·037	−53·123	− 1	...	...
...	6·484	+ 4·134	− 5	*m*	...
...	6·802	+ 2·878	0·75	...	...
181					
...	+ 7·039	+44·272	0·65	...	...
...	7·355	+ 9·670	− 5	*m*	...
...	7·371	+50·931	− 5	...	...
...	8·474	+36·936	− 2	...	...
...	8·642	−10·406	− 4	*m*	...
...	+ 8·785	+25·924	0·90	...	...
*	9·795	−35·417	1·20	46.10359	9·8
...	9·839	−48·527	0·90	...	...
...	10·701	−42·382	− 4	*m*	...
*	11·420	+11·455	1·05	...	...
191					
...	+11·555	+21·323	− 4	...	...
...	11·558	−28·910	− 4	*m*	...
N	11·670	+21·085	− 2	*a*	...
...	12·878	+15·795	− 5	...	...
...	12·996	+33·576	− 5	*m*	...
...	+13·482	−44·774	− 5	*m*	...
...	13·530	−33·586	− 3	*a*	...
...	14·004	−25·728	− 5	*m*	...
...	14·576	+59·070	1·00	...	...
...	14·679	+ 7·498	− 1	...	...
201					
...	+14·787	+19·431	− 5	...	...
...	15·435	−52·805	− 4	*m*	...
...	16·022	−58·060	− 5	*m*	...
...	16·335	−22·377	0·80	...	...
...	16·616	+40·443	0·70	...	...
...	+16·702	−57·778	− 4	*m*	...
...	16·969	−51·715	− 4	*m*	...
...	17·079	−25·384	− 4	*m*	...
...	17·093	− 4·023	− 5	*m*	...
S *	17·293	−32·028	1·20	46.10360	9·2
211–270					
211					
...	+17·392	−42·135	0·75	...	...
...	17·767	− 8·869	− 4	*m*	...
...	18·563	− 6·742	− 5	*m*	...
...	18·897	−26·812	− 3	*a*	...
...	19·128	−23·926	− 5	*m*	...
...	+19·231	+20·325	0·70	...	...
...	19·338	−10·727	− 4	*m*	...
...	19·436	− 8·990	− 5	*m*	...
...	19·440	−56·266	− 5	*m*	...
†	19·993	−40·289	− 4	*m*	...
221					
...	+21·233	+42·690	− 5	*m*	...
...	21·426	+49·118	− 5	*m*	...
...	21·972	+25·849	− 3	...	...
...	22·515	−58·757	0·70	...	...
*	22·644	−46·846	0·90	...	...
...	+22·662	−37·879	− 2	...	...
*	23·168	+47·160	1·30	45.10263	9·0
...	23·272	+30·695	0·95	...	...
S *	23·709	+47·097	2·00	45.10264	8·0
...	23·714	−53·069	0·90	...	...
231					
...	+23·783	+50·920	− 4	...	...
...	24·765	− 8·500	0·90	...	...
*	25·073	+55·409	2·00	45.10265	8·4
...	25·381	+42·342	− 4	...	...
...	25·771	−28·973	− 5	*m*	...
...	+26·184	− 1·886	− 5	*m*	...
...	26·472	−16·036	0·70	...	...
...	26·529	+36·398	− 4	...	...
...	26·534	+24·252	− 5	...	...
...	27·136	−21·513	− 5	*m*	...
241					
...	+28·546	−10·522	0·70	...	...
...	28·978	−38·597	− 4	*m*	...
*	28·986	+16·583	1·00	...	...
...	29·069	−26·958	0·80	...	...
...	29·077	−39·656	− 3	*a*	...
...	+30·113	−49·797	− 5	*m*	...
...	30·706	−32·319	− 5	*m*	...
...	31·453	+50·472	− 4	...	...
*	31·665	+36·150	1·00	...	...
...	31·831	+50·822	− 3	...	...
251					
...	+31·903	+ 8·355	− 5	...	...
...	32·315	−41·856	0·70	...	...
*	33·212	+42·044	0·95	...	...
...	33·250	−25·366	− 5	*m*	...
*	33·256	−22·484	1·00	...	...
...	+33·392	−24·994	− 5	*m*	...
...	34·168	+10·823	0·70	...	...
...	34·209	−20·830	− 5	*m*	...
...	34·514	−26·442	− 5	*m*	...
*	35·149	+38·964	0·95	...	...
261					
*	+35·690	− 8·832	1·40	46.10361	8·8
...	36·931	−17·623	− 5	*m*	...
†	36·952	+24·883	0·80	...	...
...	38·083	+53·993	− 5	...	...
...	38·192	−27·376	0·70	...	...
S *	+39·016	−22·529	1·35	46.10362	8·8
†	39·848	−54·240	− 4	*m*	...
...	39·962	+13·170	− 2	...	...
...	40·119	−29·422	− 5	*m*	...
...	40·142	+31·877	− 4	...	...

193. 45°·133, obscured by fault.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
271–290					
271	′	′		°	
*	+40·747	+55·408	1·15	...	...
...	40·896	+22·804	− 5	*m*	...
...	40·941	+49·756	− 1	...	...
...	41·352	+26·082	0·90	...	...
...	42·342	+27·302	0·65	...	...
...	+42·669	− 7·337	− 1	...	...
...	44·005	−36·834	− 4	*m*	...
...	44·199	−15·732	− 5	*m*	...
*	44·341	−44·469	1·25	46.10363	9·4
...	44·412	− 3·772	− 3	*e*	...
281					
...	+44·988	−10·720	− 1	*e*	...
...	45·136	+ 8·364	− 5	*m*	...
*	45·455	− 7·126	1·00	46.10364	9·8
...	45·940	−57·061	− 1	...	...
...	46·497	+17·534	− 4	...	...
...	+46·616	+10·427	0·70	...	...
...	46·994	−29·223	− 3	*e*	...
*	47·153	−29·192	0·95	46.10365	9·8
...	47·440	+ 6·939	− 5	*m*	...
...	47·471	+ 3·695	− 5	*m*	...
291–310					
291	′	′		°	
...	+48·095	−25·153	0·70	...	...
...	48·193	−17·737	− 5	*m*	...
*	48·933	+35·727	1·20	45.10266	9·8
...	49·210	+36·987	− 3	...	...
...	49·725	−36·396	− 1	...	...
...	+50·523	−22·062	− 1	...	...
...	50·531	+39·648	− 1	...	...
...	50·755	− 6·266	− 4	*e*	...
...	51·214	−12·518	− 3	*e*	...
...	51·555	−23·889	0·75	...	...
301					
...	+51·578	−37·677	− 2	*e*	...
...	51·723	+ 6·938	− 2	...	...
*	51·765	−18·648	1·05	...	...
*	52·936	+24·840	1·00	45.10267	9·8
...	53·105	+43·337	− 5	...	...
...	+53·147	+39·096	− 5	...	...
...	53·445	−57·145	− 5	*m*	...
...	53·907	+ 2·336	− 4	...	...
...	53·991	+24·317	− 3	...	...
...	54·419	+36·504	− 4	...	...
311–322					
311	′	′		°	
†	+54·785	+ 2·517	− 5	...	...
...	55·488	+12·313	− 5	*m*	...
*	55·855	+ 2·366	1·15	46.10366	9·8
...	57·345	+39·087	− 1	...	...
...	58·032	−34·045	− 2	...	...
S *	+58·104	+45·192	2·80	45.10268	7·5
...	58·117	−36·858	1·00	...	...
...	58·503	−15·636	0·80	...	...
...	58·852	−19·861	− 4	*e*	...
...	58·976	+23·229	− 5	*m*	...
321					
...	+59·348	−45·723	0·75	...	...
...	59·597	−31·897	1·00	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
1–30					
1	′	′		°	
...	−59·690	− 4·013	− 5	E	...
...	58·906	−10·941	− 5	E	...
...	58·531	− 7·326	0·90	46.10364	9·8
*	58·473	−44·689	1·15	46.10363	9·4
...	57·933	+10·252	− 4	...	...
...	−56·481	−57·226	− 5	...	...
*	56·411	+35·602	1·00	45.10266	9·8
...	56·304	−29·367	− 5	E	...
...	56·142	−29·326	− 2	46.10365	9·8
...	55·333	−25·262	− 4	...	...
11					
...	−53·348	−36·449	− 4	...	...
...	53·280	− 6·306	− 5	E	...
...	53·004	−22·096	− 4	...	...
...	52·724	+ 6·920	− 4	...	...
...	52·626	−12·537	− 5	E	...
...	−52·077	+24·852	0·80	45.10267	9·8
...	51·918	−23·890	− 3	...	...
*	51·878	−18·653	0·90	...	...
...	51·449	−37·665	− 5	E	...
...	51·006	+24·371	− 5	...	...
21					
...	−50·947	+36·557	− 5	...	...
*	48·449	+ 2·483	0·90	46.10366	9·8
...	48·125	+39·223	− 4	...	...
S *	47·538	+45·350	2·10	45.10268	7·5
...	45·230	−15·417	− 3	...	...
...	−45·123	−33·834	− 5	...	...
†	44·954	−36·638	− 2	...	...
...	44·760	−19·644	− 5	E	...
S *	44·441	+17·877	1·10	45.10269	9·2
...	43·847	+ 8·089	− 2	...	...
31–60					
31	′	′		°	
...	−43·620	−31·633	− 2	...	...
...	43·444	−45·456	− 3	...	...
...	41·602	+46·286	− 1	...	...
...	41·577	+31·387	− 4	...	...
...	40·482	+57·582	− 3	...	...
...	−39·811	+ 7·864	− 2	...	...
...	38·875	−24·681	− 3	...	...
...	38·664	+ 1·609	− 2	...	...
...	38·547	+ 9·257	0·65	...	...
...	37·429	+23·321	− 4	...	...
41					
...	−35·059	+ 7·143	− 5	...	...
‡	34·954	+31·148	1·00	45.10270	9·8
...	34·198	−33·200	− 3	...	...
...	32·360	+55·331	− 3	...	...
...	31·826	− 2·752	− 5	M	...
*	−31·541	+12·053	1·40	45.10271	8·6
...	30·618	+ 5·466	− 5	...	...
...	30·441	+19·582	− 5	...	...
...	29·333	−53·959	− 3	...	...
...	28·411	+36·242	− 5	...	...
51					
...	−28·120	−18·862	0·65	...	...
...	28·038	+36·396	0·70	...	...
...	28·020	− 3·048	− 5	M	...
...	26·906	+14·724	− 1	...	...
...	26·547	+25·461	− 5	...	...
...	−26·226	+24·277	− 5	...	...
*	26·135	−43·254	1·00	46.10367	9·8
*	25·478	−18·657	0·95	46.10368	9·6
...	25·091	+ 3·277	0·80	...	...
...	24·165	−11·921	− 5	M	...
61–90					
61	′	′		°A	
...	−24·100	−41·084	− 5		...
S *	24·016	+ 9·479	1·40	45.10272	8·7
S *	23·935	−18·143	2·10	46.10369	7·5
...	23·903	+47·521	− 5	...	...
*	23·795	−24·432	1·60	46.10370	8·4
...	−23·593	−15·695	0·85	...	...
*	23·580	−30·844	1·00	46.10371	9·4
*	22·158	−58·083	1·40	47. 9837	9·4
...	21·476	+34·281	0·80	...	...
S *	20·453	+47·561	1·50	45.10274	8·3
71					
*	−20·438	+17·339	1·20	45.10273	9·6
...	20·177	+58·312	− 2	...	...
...	19·506	−57·076	0·85	...	...
...	19·354	+42·961	− 4	...	...
...	19·127	− 1·947	− 4	...	...
...	−18·781	−59·395	1·00	47. 9838	9·8
...	18·705	+39·057	0·70	...	...
...	18·156	+30·432	0·65	...	...
...	17·723	+42·627	− 5	...	...
...	17·650	−13·279	− 4	...	...
81					
...	−17·509	+55·785	− 4	...	...
...	16·713	−40·438	− 4	B	...
...	16·121	+37·840	0·75	...	...
...	15·801	−21·714	0·75	...	...
...	15·193	−27·069	0·65	...	...
...	−14·886	− 4·258	− 5	M	...
...	13·585	−39·995	− 5	A	...
...	13·024	−34·703	− 4	...	...
...	12·203	+25·227	0·80	45.10276	9·8
S *	11·993	−59·141	1·20	47. 9840	8·6

C measured from 1, 111.
NM ,, ,, 49, 156.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
91–130					
91					
...	−11·514	+45·096	− 5	...	...
*	10·894	−51·857	1·00	46.10372	9·6
...	10·621	−51·395	− 4	...	...
*	10·118	− 6·540	0·90	46.10373	9·8
...	8·125	+16·242	0·80	...	...
...	− 7·763	+33·910	− 4	...	...
...	7·302	− 7·553	0·75	46.10374	9·8
...	5·730	−13·961	0·80	46.10375	9·8
...	5·515	+24·451	− 4	...	...
*	5·508	+12·830	1·00	...	...
101					
...	− 5·116	+24·260	− 4	...	...
...	4·814	+24·627	0·65	...	...
...	4·654	−50·706	− 5	...	...
...	4·320	−50·108	− 4	...	...
*	3·498	−18·742	1·60	46.10376	9·0
...	− 3·054	+16·664	− 5	...	...
...	2·881	−51·218	− 5	B *m*	...
...	2·415	+45·358	− 5	...	...
*	2·098	−20·402	1·40	46.10377	9·2
...	− 1·650	+14·242	− 5	...	...
111					
S *	+ 0·905	+27·496	1·05	45.10278	9·4
...	4·351	− 2·693	− 2	...	...
N	6·084	+16·758	− 4	...	...
...	6·164	−52·702	− 2	...	...
...	6·315	+19·291	− 5	...	...
...	+ 6·372	−56·795	− 5	M *a*	...
*	6·657	+56·771	1·15	45.10280	9·4
...	8·604	+23·646	− 4	...	...
...	9·254	+46·767	− 5	...	...
†	9·956	− 0·161	0·65	46.10378	9·8
121					
...	+11·105	−46·313	− 5	*a*	...
*	11·746	−43·561	1·00	46.10379	9·2
...	11·891	+45·416	− 5	...	...
...	12·043	+13·579	0·70	...	...
*	12·459	+45·482	1·00	45.10281	9·6
...	+12·630	+14·428	− 2	...	...
...	12·693	−24·358	− 5	*m*	...
...	12·855	+26·268	0·65	...	...
...	13·023	−42·698	− 1	...	...
...	14·249	+10·967	− 5	...	...
131–170					
131					
†	+14·278	−59·721	− 5	...	...
...	16·647	+18·704	− 5	...	...
...	16·724	−52·628	− 4	...	...
...	18·189	+ 6·469	− 3	...	...
*	18·271	−50·167	1·20	46.10380	8·7
...	+19·121	−34·726	− 2	...	...
...	19·132	+31·340	− 5	...	...
S *	19·819	−47·164	1·40	46.10381	8·5
...	20·566	+33·377	− 5	...	...
...	20·868	− 4·149	0·75	...	...
141					
...	+20·951	− 2·735	0·65	...	...
...	22·513	−11·671	0·95	46.10382	9·8
...	22·597	−36·245	− 3	...	...
...	23·287	−26·396	0·90	46.10383	9·8
...	24·920	+22·524	− 3	...	...
*	+25·954	−38·314	2·40	46.10384	7·2
...	26·149	+ 4·562	0·95	46.10385	9·8
...	26·777	−44·175	− 3	...	...
...	27·210	− 4·295	− 5	...	...
...	27·462	+59·714	− 4	...	...
151					
...	+28·593	+11·146	− 3	...	...
...	28·881	+44·822	− 5	...	...
...	28·982	+25·518	− 5	...	...
...	29·075	+36·859	0·85	...	...
S *	29·751	−23·121	1·00	46.10386	9·4
...	+30·257	−22·459	− 5	*a*	...
...	30·669	+ 6·056	− 1	...	...
S *	31·686	+21·843	0·95	45.10282	9·6
...	31·791	+13·641	− 3	...	...
...	33·368	−30·084	− 5	*a*	...
161					
...	+33·596	−18·446	− 5	*m*	...
...	33·608	−31·167	− 5	*b*	...
...	34·636	−49·589	0·90	46.10387	9·8
*	35·059	−17·153	0·90	46.10388	9·8
†	36·654	+35·048	0·70	...	...
...	+37·268	+ 9·069	0·80	45.10283	9·8
...	38·955	+31·649	− 2	...	...
...	40·345	−37·074	− 5	*b*	...
...	41·182	−37·715	− 5	*b*	...
*	42·074	−58·061	1·10	47. 9849	9·8
171–195					
171					
...	+42·205	−50·158	0·70	...	...
...	42·602	+47·424	− 5	...	...
...	42·825	+50·358	0·65	...	...
...	43·146	−58·514	− 5	*b*	...
...	43·581	+41·805	0·70	...	...
...	+45·692	+56·249	1·10	45.10284	9·8
...	46·684	−40·403	− 4	...	...
*	47·008	−49·982	1·40	46.10389	9·8
...	47·609	+39·677	− 5	...	...
...	48·618	−39·860	− 5	*e*	...
181					
...	+49·388	+ 1·086	− 1	...	...
...	49·920	+42·309	1·10	45.10285	9·8
...	51·595	−48·974	− 5	*e*	...
...	52·256	−35·014	0·65	...	...
...	53·122	− 8·149	− 5	...	...
...	+53·441	+19·900	0·65	...	...
*	53·777	+ 6·544	1·00	46.10390	9·8
*	54·469	−13·838	1·00	46.10391	9·8
...	55·021	+26·971	− 5	...	...
S *	55·611	−37·802	1·10	46.10392	9·4
191					
...	+55·939	+11·340	− 5	...	...
...	56·229	−35·166	− 5	*a*	...
*	56·601	−19·647	1·00	46.10393	9·8
...	57·517	+26·983	0·65	...	...
...	58·888	−26·660	− 4	...	...

113. 45°·133, suspected double; 45·134, no note of duplicity.

−46° No. 135 D,−1 1903·67 22h 20m

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
1–10					
1					
...	−57·859	+39·513	− 5	...	...
...	56·287	−40·574	− 4	...	...
*	55·654	−50·139	1·25	46.10389	9·8
*	55·636	+42·207	1·00	45.10285	9·8
...	55·135	+25·790	− 5	...	...
...	−54·878	+ 0·995	0·75	...	...
...	54·348	−39·955	− 5	E	...
†	51·421	+19·910	0·80	...	...
...	51·108	−48·975	− 5	E	...
*	50·894	−35·000	1·00	...	...
11–20					
11					
...	−50·841	− 8·125	− 4	...	...
*	50·662	+ 6·583	1·00	46.10390	9·8
*	49·326	−13·768	1·00	46.10391	9·8
...	48·654	+11·442	− 3	...	...
...	47·572	+27·133	0·80	...	...
S *	−47·428	−37·686	1·15	46.10392	9·4
...	47·245	+ 0·858	− 5	M	...
*	47·023	−19·499	1·00	46.10393	9·8
...	45·981	−11·167	− 5	M	...
...	44·621	+34·504	− 5	M	...
21–30					
21					
	−44·522	−26·445	0·70	...	...
...	42·840	+31·138	− 3	...	...
...	41·606	+38·808	− 4	...	...
...	39·970	− 4·871	0·65	...	...
...	38·517	+22·604	− 2	...	...
S *	−38·119	+28·129	1·20	45.10286	9·4
...	38·116	−40·692	− 1	...	...
...	37·827	+37·404	− 2	...	...
...	37·695	−50·684	− 5	M	...
...	37·266	+ 0·752	− 4	...	...

L measured from 1, 116.
C „ „ 33, 167.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
31–90					
31					
...	−36′478	−19′633	− 1	°A	...
*	35·452	−23·550	1·80	46.10394	8·7
*	34·907	−27·298	3·00	46.10395	7·2
*	34·321	−50·448	1·80	46.10396	8·6
...	34·237	−24·232	− 5	M	...
*	−34·217	−40·376	2·50	46.10397	7·7
...	33·795	+18·324	− 4	M	...
*	32·698	+22·061	2·80	45.10287	7·4
...	32·373	+39·272	0·75	...	...
...	31·899	+36·777	− 5	M	...
41					
S *	−31·087	−26·047	5·00	46.10398	5·7
...	29·932	−24·287	− 3	M	...
†	29·410	−14·966	− 1	...	...
S *	28·795	+10·606	3·00	45.10288	7·5
*	28·627	−14·360	1·05	...	...
...	−28·036	+40·470	0·65	...	...
...	27·444	+ 5·292	− 1	...	...
*	27·001	+30·482	1·00	45.10289	9·8
*	26·830	+ 6·473	1·10	46.10399	9·8
*	26·695	−10·339	1·15	46.10400	9·6
51					
...	−26·520	−48·891	− 4	M	...
...	26·350	−23·820	− 1	...	...
...	25·830	−47·466	− 2	...	...
...	25·467	+15·353	− 2	...	...
†	25·071	+31·901	− 3	M	...
†	−24·517	− 9·939	− 4	...	...
...	24·032	− 9·743	− 5	M	...
...	23·946	−35·497	− 3	M	...
...	23·676	+49·159	0·70	...	...
...	23·475	−19·755	− 3	M	...
61					
...	−23·455	+ 3·331	0·95	...	...
...	23·261	+12·199	− 3	...	...
...	23·168	+55·964	− 3	...	...
...	22·181	+48·142	0·90	...	...
...	21·587	+42·770	− 5	...	...
...	−21·087	+30·446	0·90	...	...
*	20·864	−12·412	1·40	46.10401	9·0
*	20·743	−57·433	1·20	47. 9854	9·8
...	20·372	+ 7·418	− 1	...	...
...	19·867	+45·867	− 3	...	...
71					
...	−19·285	−40·163	− 3	M	...
*	18·971	−51·319	1·25	46.10402	9·8
†	18·861	+34·895	0·65	...	...
...	18·375	+47·491	− 2	...	...
...	17·537	−17·360	− 3	...	...
...	−17·227	−15·691	− 3	...	...
*	17·087	+41·551	1·00	45.10290	9·8
*	16·871	−54·243	1·20	47. 9857	9·8
...	16·228	+34·368	− 4	...	...
...	15·657	+27·369	− 3	...	...
81					
...	−15·484	−33·439	0·70	...	...
...	15·345	+13·130	0·70	...	...
...	14·269	+18·225	− 2	...	...
*	13·815	+39·586	1·30	45.10291	9·4
*	13·486	−20·530	1·60	46.10403	8·6
...	−13·249	+ 2·122	0·75	...	...
*	12·668	+30·565	1·00	...	...
...	11·250	+ 5·597	0·70	...	...
...	11·135	−13·606	− 4	...	...
*	9·868	+12·431	2·20	45.10292	8·3

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
91–150					
91					
...	− 8′495	+35′196	− 5	°M	...
...	6·857	+53·923	0·85	...	...
...	6·832	+ 0·597	− 5	M *m*	...
...	6·783	− 2·598	− 5	M *m*	...
*	6·656	+38·667	0·95	...	...
...	− 6·201	+15·804	− 5	*m*	...
...	6·164	−33·574	− 5	M *m*	...
...	6·060	−47·602	− 3	...	...
...	5·848	− 4·861	0·90	...	...
...	5·626	+38·243	0·85	...	...
101					
*	− 4·800	+11·980	1·00		
*	4·662	+12·041	0·80	45.10294	9·6
...	3·935	−22·256	− 5	M *m*	...
...	3·355	+53·381	− 5	*m*	...
...	3·333	+48·779	− 5	M	...
...	− 3·328	+27·520	− 4	...	...
...	2·977	− 5·702	− 4	M *m*	...
...	2·821	+20·561	0·80	...	...
...	2·491	− 2·346	− 5	M *m*	...
*	1·968	−47·794	1·10	...	...
111					
...	− 1·299	−29·241	− 5	M *m*	...
*	1·270	+22·773	3·30	45.10295	7·4
*	1·100	+ 6·328	1·10	46.10404	9·8
...	0·750	+51·625	− 4	...	...
†	− 0·227	−23·318	− 1	...	...
...	+ 0·242	−47·636	0·90	...	...
...	0·468	−19·688	− 5	M *m*	...
S *	0·699	+29·627	2·80	45.10296	8·0
...	1·010	−29·581	− 2	...	...
...	2·115	+32·497	0·70	...	...
121					
...	+ 2·298	+ 6·498	− 5	*m*	...
*	2·791	−57·791	1·30	47. 9862	9·4
...	2·864	−15·691	− 4	...	...
S *	3·001	−38·759	1·20	46.10405	9·2
*	3·008	−58·698	1·25	47. 9863	9·4
*	+ 3·309	+30·338	1·15	45.10297	9·4
...	4·531	−33·857	− 4	...	...
...	6·695	−35·118	− 5	M *m*	...
...	6·823	−53·081	− 2	...	...
...	6·942	−43·737	− 5	M *m*	...
131					
...	+ 7·432	+38·809	− 3	...	...
S *	7·808	− 7·632	3·00	46.10406	7·6
...	7·830	+26·225	− 5	...	...
...	8·139	−36·619	− 2	M	...
...	9·629	−16·188	− 3	...	...
...	+11·115	+28·226	− 5	...	...
...	11·898	+41·412	− 4	...	...
...	12·114	−18·894	− 5	*m*	...
*	12·116	+ 4·099	1·00	46.10407	9·8
*	13·317	+36·111	1·00	...	...
141					
...	+13·419	+36·332	0·70	...	...
...	14·263	+17·130	− 5	...	...
...	14·416	−39·565	− 5	*m*	...
†	14·733	−45·718	0·70	...	...
...	15·650	−34·555	0·80	...	...
...	+16·950	+19·556	− 4	...	...
*	17·038	+52·017	1·10	45.10298	9·6
...	17·324	− 3·001	− 4	...	...
...	17·569	−42·842	− 2	...	...
...	18·035	− 8·889	− 2	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
151–210					
151					
...	+18′107	+40′972	0·95	°	...
...	18·184	−19·284	− 5	*m*	...
...	18·500	+11·580	− 5	...	...
...	18·530	−26·211	− 5	*m*	...
...	18·980	+44·975	− 4	...	...
...	+19·300	−11·123	− 5	*m*	...
...	19·413	−23·954	− 3	...	...
...	19·545	−10·328	− 2	...	...
...	20·518	+35·164	− 3	...	...
N * [	22·245	+47·729	1·40	45.10299	9·0
161					
...	+24·165	−16·489	− 5	*m*	...
...	24·221	+47·671	− 3	...	...
...	25·474	+ 6·329	0·80	...	...
...	25·604	−36·611	− 1	...	...
...	25·668	+18·807	− 5	...	...
*	+28·324	+29·791	1·00	45.10300	9·8
*	30·765	− 4·794	1·40	46.10408	8·8
...	31·009	+42·202	− 5	*m*	...
...	31·097	−53·311	− 5	*m*	...
...	31·162	+13·653	− 4	...	...
171					
...	+31·297	−53·942	− 4	*m*	...
...	32·759	+47·534	0·95	...	...
...	33·047	+15·064	− 3	...	...
...	33·215	−53·507	− 5	*m*	...
...	33·291	+47·439	− 1	...	...
*	+33·582	+25·578	1·15	45.10301	9·6
...	33·787	+ 7·050	0·70	...	...
...	34·198	−31·568	− 5	*m*	...
...	35·151	−57·039	− 4	*m*	...
...	35·580	+ 1·526	− 4	*m*	...
181					
...	+36·224	−55·881	− 5	*m*	...
...	37·120	− 8·429	− 5	*m*	...
...	37·176	−51·766	− 5	*m*	...
...	37·379	+28·104	− 5	*m*	...
...	37·869	+57·452	− 1	...	...
*	+37·999	+33·152	1·00	...	...
†	38·846	+29·855	− 3	...	...
S *	39·363	−35·421	3·00	46.10409	7·2
S *	39·917	+ 1·398	1·20	46.10410	9·0
...	40·328	−56·416	− 5	*m*	...
191					
*	+40·524	+44·308	1·20	45.10302	9·4
...	41·160	− 9·116	− 5	*m*	...
...	41·517	+16·355	− 5	...	...
...	42·956	−47·283	− 5	*m*	...
*	43·780	−27·456	1·00	46.10411	9·8
...	+44·183	+33·868	− 4	...	...
...	45·969	−14·422	− 3	...	...
...	46·037	+36·364	− 4	...	...
...	46·129	−35·010	− 4	*e*	...
*	46·302	+ 1·023	1·00	...	...
201					
...	+46·619	+25·941	− 3	...	...
...	46·793	−48·432	− 5	*m*	...
...	47·694	−14·531	− 5	*m*	...
*	47·749	+22·243	1·00	...	...
...	47·795	+ 8·524	− 4	...	...
...	+47·804	−45·559	− 1	*e*	...
*	48·617	−58·582	1·40	47. 9872	9·8
...	48·768	− 8·168	− 4	*e*	...
...	49·060	−12·744	− 4	*e*	...
...	49·124	+20·763	0·70	...	...

160. Mass. 45°·135, two stars.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
211–220					
211	′	′		°	
...	+49·298	+ 7·032	− 5	*m*	...
...	49·595	−26·073	− 1	...	...
...	49·917	+ 1·174	0·95	46.10412	9·8
...	51·224	+13·006	− 4	...	...
...	52·311	−30·481	0·65	...	...
...	+53·188	+11·430	− 2	...	...
*	53·473	+14·389	1·10	45.10303	9·8
S *	54·520	−48·342	1·40	46.10413	9·0
...	54·755	+13·483	0·75	...	...
...	54·938	+23·672	− 2	...	...
221–229					
221	′	′		°	
...	+55·269	+10·622	− 4	...	...
...	55·404	− 9·640	0·90	...	...
...	55·497	+36·589	− 5	...	...
...	56·747	−37·246	− 3	...	...
*	57·199	−17·543	1·25	46.10414	9·8
...	+58·016	+ 7·638	0·80	...	...
...	58·032	+32·422	1·00	...	...
*	58·527	−22·515	1·40	46.10415	9·4
*	59·454	−30·136	1·40	46.10416	9·1

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. ...	C.P.D. No.	C.P.D. Mag.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
1–40					
1	′	′		°	
*	−59·582	−27·701	1·00	46.10411	9·8
...	59·333	+36·141	− 5	...	...
...	58·421	+25·747	− 5	...	...
...	57·959	+ 0·854	1·00	...	...
...	57·813	−14·605	− 3	...	...
...	−57·183	+22·095	1·00	...	...
...	57·002	−35·185	− 5	E	...
...	56·700	+ 8·376	− 5	...	...
...	55·765	+20·661	− 1	...	...
...	55·209	− 8·263	− 5	E	...
11					
†	−54·997	−45·682	− 3	E	...
...	54·762	−12·834	− 5	E	...
...	54·339	+ 1·104	1·10	46.10412	9·8
...	53·809	−26·139	0·65	...	...
...	53·762	−58·656	1·15	47. 9872	9·8
...	−53·413	+12·967	− 4	...	...
...	51·402	+11·444	− 4	...	...
*	51·210	+14·423	1·00	45.10303	9·8
...	51·165	+55·453	− 4	...	...
...	50·964	−30·463	− 3	...	...
21					
†	−50·045	+23·736	− 4	...	...
...	49·902	+13·549	0·70	...	...
...	49·295	+10·713	− 4	...	...
...	48·534	− 9·535	0·85	...	...
S *	48·182	−48·241	1·45	46.10413	9·0
...	−47·224	+32·593	0·95	...	...
*	46·477	−17·376	1·15	46.10414	9·8
...	46·461	+ 7·825	0·85	...	...
...	46·319	−37·080	− 5	...	...
...	45·151	+53·214	− 5	...	...
31					
‡	−44·995	−22·298	1·00	46.10415	9·4
...	44·665	+41·507	− 4	...	...
...	44·232	+23·022	− 5	...	...
‡	43·817	−29·902	1·20	46.10416	9·1
...	43·515	−13·472	0·90	...	...
S ‡	−43·245	+ 5·009	1·30	46.10418	9·0
* [	42·911	−49·368	1·20	46.10417	9·1
* [	42·843	−49·368	1·10		
*	42·567	+44·224	1·00	45.10304	9·6
...	40·772	−17·630	− 4	M	...
41–80					
41	′	′		°	
*	−40·738	+52·287	1·25	45.10305	9·2
...	40·580	−11·527	0·90	...	...
...	40·521	−40·757	0·90	...	...
...	40·454	+16·011	− 5	...	...
...	39·473	−52·377	− 1	...	...
S *	−37·163	+28·674	1·60	45.10306	8·5
...	36·471	−47·653	− 5	M	...
...	35·720	−56·734	1·00	...	...
...	35·585	−34·661	− 3	...	...
...	35·325	−26·851	− 3	...	...
51					
†	−34·133	−59·685	− 3	...	...
...	33·169	+29·217	− 4	...	...
...	31·975	−47·883	− 2	...	...
...	31·858	+50·648	1·00	...	...
...	31·811	−51·655	0·65	...	...
...	−31·541	+40·255	− 3	...	...
...	31·235	+ 5·473	0·90	...	...
*	30·777	+29·605	1·00	45.10307	9·6
...	30·517	−49·570	− 4	M	...
...	29·258	+26·052	− 3	...	...
61					
...	−28·574	+29·252	0·70	...	...
...	28·240	−47·502	− 4	M	...
...	27·809	+58·854	− 4	...	...
...	27·168	−24·152	− 3	...	...
...	27·022	− 7·622	0·70	A	...
...	−25·298	−40·053	− 2	...	...
...	23·807	−10·112	− 5	M	...
...	21·766	−44·042	− 5	M	...
S *	21·747	+47·637	3·40	45.10308	7·2
...	20·942	+18·431	− 4	...	...
71					
†	−20·840	+39·949	− 2	...	...
*	20·776	+13·031	1·40	45.10309	9·4
...	20·474	−29·502	0·90	...	...
...	19·458	−26·903	− 4	...	...
...	18·848	+ 2·006	0·95	...	...
*	−16·917	−54·931	1·00	...	...
...	16·910	+15·777	− 4	...	...
*	16·150	−10·025	1·00	...	...
...	15·931	−24·261	0·95	...	...
...	15·855	+58·155	− 4	...	...
81–120					
81	′	′		°	
...	−15·473	−56·369	− 2	...	...
‡	15·042	+59·228	1·00	...	...
‡	15·017	−56·412	1·20	47. 9879	9·2
...	15·012	−30·002	− 4	...	...
...	14·678	+38·862	− 5	...	...
...	−14·463	−24·057	− 5	M	...
...	14·440	+48·595	− 1	...	...
...	14·327	+40·643	− 2	...	...
...	14·100	−28·400	1·00	...	...
...	14·072	−17·303	− 5	...	...
91					
...	−13·955	−20·134	− 2	...	...
*	13·891	+51·040	2·00	45.10310	8·6
...	13·530	+32·684	− 2	...	...
...	13·108	−28·064	− 5	M	...
S *	12·419	−18·093	3·20	46.10419	7·4
...	−10·951	+54·153	− 2	...	...
...	10·735	− 6·637	0·90	...	...
...	9·837	−27·514	1·00	...	...
...	8·636	−54·120	0·90	...	...
...	8·011	+17·150	0·85	...	...
101					
...	− 7·596	−22·319	− 4	...	...
...	7·309	+31·477	− 5	...	...
...	6·647	+ 9·906	0·90	...	...
*	6·218	− 7·759	1·00	46.10420	9·6
...	5·665	+25·423	0·95	...	...
...	− 5·271	+16·977	− 5	M	...
...	5·269	−25·841	1·00	...	...
...	4·775	+ 8·695	− 4	...	...
...	3·886	−38·744	− 5	M *m*	...
...	3·847	−49·997	− 5	M *m*	...
111					
...	− 3·750	+20·985	− 5	*m*	...
...	2·565	+56·798	− 4	...	...
...	1·521	+23·386	− 5	...	...
...	1·508	−21·430	− 5	M	...
...	1·353	−58·226	− 5	M *m*	...
†	− 0·215	− 6·664	− 1	...	...
...	+ 1·323	+11·194	− 1	*m*	...
*	1·598	−13·961	1·00	...	...
...	1·841	−47·926	− 2	...	...
*	1·998	− 7·910	1·00	...	...

L measured from 1, 74, 155.
C ,, ,, 45, 117, 185.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
121–160					
121	′	′		°	
...	+ 2·317	+36·746	0·80	...	...
...	3·308	−10·098	0·90	...	...
...	3·825	−23·779	− 3	M	...
...	4·977	− 4·412	0·85	...	...
...	5·278	+32·810	− 4	...	...
S *	+ 6·368	−58·617	1·40	47. 9881	9·0
...	6·599	−38·623	1·00	...	...
*	7·019	+14·295	1·30	45.10311	9·1
*	7·388	−51·669	1·00	46.10421	9·6
...	7·593	+48·566	− 3	...	...
131					
...	+ 8·194	− 6·303	− 5	*m*	...
...	8·284	+51·442	− 1	...	...
*	8·597	+ 7·665	1·35	46.10422	9·2
S *	8·693	+21·863	1·60	45.10312	8·6
...	9·559	−57·432	− 4	...	...
*	+ 9·565	+ 4·431	1·35	46.10423	9·2
...	9·785	+38·528	− 4	...	...
...	10·172	+28·113	− 1	...	...
...	11·431	+39·611	− 4	...	...
...	12·205	−20·150	− 4	...	...
141					
...	+12·257	−34·484	− 5	*m*	...
...	13·231	−41·369	− 3	...	...
...	13·614	+35·923	− 3	...	...
...	13·652	+49·690	− 5	...	...
*	14·357	−21·018	1·25	46.10424	9·6
S *	+14·651	+48·967	2·20	45.10313	8·1
...	14·672	+36·441	− 5	...	...
*	15·035	−48·764	1·10	46.10425	9·6
...	15·477	+14·184	0·65	...	...
...	15·671	−50·186	− 5	*m*	...
151					
*	+16·892	+54·651	1·50	45.10314	8·7
*	17·567	+ 5·514	1·10	46.10426	9·6
...	18·187	− 5·729	− 3	...	...
...	19·562	+58·382	− 5	...	...
...	20·071	−27·183	− 5	*m*	...
...	+23·107	− 1·274	− 4	...	...
...	23·561	+58·455	− 5	*m*	...
...	24·456	+ 4·464	− 5	...	...
...	24·602	+ 6·619	1·00	...	...
...	24·692	−24·773	0·70	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
161–200					
161	′	′		°	
...	+25·325	−50·601	− 5	*m*	...
...	25·331	− 2·993	− 5	*m*	...
...	27·036	+54·176	− 5	...	...
*	27·095	+52·730	1·90	45.10315	8·8
...	27·306	−49·057	− 5	*m*	...
...	+27·541	−21·195	0·70	...	...
*	27·745	− 2·051	1·00	...	...
...	28·776	−31·731	0·75	...	...
...	29·679	−40·809	0·90	...	...
...	30·520	−22·912	0·70	...	...
171					
...	+30·653	−11·499	− 5	*m*	...
...	30·999	+ 5·428	− 5	*m*	...
...	33·718	+51·512	− 5	*m*	...
*	34·073	+40·051	1·00	45.10316	9·6
†	34·674	−52·130	1·00	...	...
*	+35·144	+26·467	1·00	...	...
...	35·321	+26·626	− 5	...	...
*	35·557	+26·639	1·10	45.10317	9·6
...	35·567	−16·905	− 5	*m*	...
*	36·790	+43·809	2·00	45.10318	8·0
181					
...	+37·263	−22·470	0·75	...	...
...	37·594	−24·611	0·75	...	...
...	38·191	−13·410	− 3	...	...
*	39·069	−31·482	1·20	46.10427	9·1
...	40·522	+18·330	0·85	...	...
...	+41·145	−33·154	− 3	*m*	...
*	41·486	+33·029	1·00	...	...
*	41·678	−57·877	1·60	47. 9890	9·1
...	42·245	−43·890	− 1	...	...
...	43·525	+22·230	− 2	...	...
191					
...	+43·687	−26·558	1·00	...	...
...	43·930	−13·955	0·70	...	...
*	44·491	− 5·840	1·00	...	...
...	46·467	−23·943	− 3	...	...
...	46·963	−57·720	− 2	...	...
...	+47·042	+ 3·424	− 1	...	...
...	47·128	−41·461	0·95	...	...
...	47·552	+16·543	− 1	...	...
...	48·823	−20·479	− 3	*e*	...
...	49·080	− 1·553	1·00	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
201–229					
201	′	′		°	
‡	+49·672	−40·708	1·05	...	...
‡	49·726	+12·594	1·00	...	...
*	50·135	+48·488	1·05	45.10319	9·6
...	50·235	−37·098	− 3	*e*	...
*	50·673	− 5·600	1·25	46.10428	9·2
...	+51·323	+ 2·401	− 5	...	...
S *	51·430	− 1·958	2·40	46.10429	7·9
S *	51·608	−43·794	1·55	46.10430	8·8
S *	51·819	+16·195	2·60	45.10320	7·8
...	51·923	− 5·746	− 3	*e*	...
211					
...	+52·199	+26·225	0·70	...	...
...	52·627	+27·262	0·80	...	...
S *	52·644	+58·055	2·50	45.10321	8·2
*	52·678	+14·747	1·80	45.10322	8·4
...	53·269	+25·144	− 2	...	...
...	+53·280	+ 7·090	− 3	...	...
...	54·007	+42·432	− 5	*e*	...
...	54·374	−32·693	− 4	*e*	...
...	54·810	−32·239	0·85	...	...
...	55·840	−37·717	0·70	...	...
221					
...	+56·150	+40·459	− 5	...	...
...	56·355	+ 5·233	0·85	...	...
...	57·027	−11·976	0·95	...	...
*	57·283	− 3·221	1·10	46.10431	9·6
...	57·544	+14·567	− 5	...	...
...	+57·690	−28·045	0·95	...	...
...	58·275	+14·825	0·65	...	...
*	58·920	+27·120	1·00	45.10324	9·6
†	59·673	+11·254	− 5	*e*	...

	1–10				
1	′	′		°	
...	−59·862	−14·216	− 3	...	...
...	59·717	−26·821	0·75	...	...
...	59·561	− 6·074	0·85	...	...
...	57·298	+ 3·267	− 3	...	...
...	57·192	+16·394	− 2	...	...
...	−57·027	−24·106	− 4	...	...
...	55·784	−41·604	− 1	...	...
...	55·591	+48·408	0·85	45.10319	9·6
...	55·458	−57·858	− 5	...	...
...	55·086	− 1·639	0·65	...	...

	11–20				
11	′	′		°	
*	−54·891	+12·500	0·85	...	...
...	54·776	−20·574	− 4	E	...
S *	53·398	+58·037	2·30	45.10321	8·2
*	53·380	− 5·646	1·00	46.10428	9·2
...	53·271	−40·758	0·90	...	...
...	−53·006	+ 2·382	− 5	...	...
S *	52·906	+16·171	2·45	45.10320	7·8
...	52·849	+26·216	− 2	...	...
...	52·814	−37·140	− 4	E	...
S *	52·729	− 1·982	2·45	46.10429	7·9

	21–30				
21	′	′		°	
...	−52·451	+27·268	− 1	...	...
...	52·135	− 5·752	− 3	E	...
*	52·007	+14·760	1·50	45.10322	8·4
...	51·752	+25·170	− 3	...	...
...	51·545	+42·470	− 5	E	...
S *	−51·238	−43·791	1·40	46.10430	8·8
...	51·162	+ 7·124	− 3	...	...
...	49·359	+40·556	− 5	...	...
...	48·841	−32·621	− 4	E	...
...	48·414	−32·132	0·65	...	...

Measured by M.C. ; Standards by M.C. and C.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
31–90					
31					
...	−48·048	+ 5·363	− 1	...	...
...	47·972	+59·677	− 5	...	...
...	47·213	−37·589	− 1	...	...
...	47·147	+14·732	− 4	...	...
...	46·846	− 3·063	0·90	46.10431	9·6
...	−46·839	−11·815	0·65	...	...
†	46·411	+15·001	− 2	...	...
...	46·171	+27·327	0·85	45.10324	9·6
...	45·659	−27·855	0·70	...	...
...	44·929	+11·486	− 5	E	...
41					
...	−43·863	−34·999	− 5	M	...
...	43·133	−22·093	0·90	...	...
...	41·952	−33·126	− 5	M	...
...	41·235	−44·530	− 5	M	...
...	40·415	−10·376	− 3	...	...
...	−40·334	+41·508	− 4	...	...
...	39·395	+ 6·915	− 1	...	...
...	38·748	−16·779	0·90	...	...
...	38·591	−33·354	− 1	...	...
...	37·239	−37·170	0·90	...	...
51					
...	−37·238	−15·302	0·90	...	...
*	36·061	+55·798	1·00	45.10325	9·4
...	35·669	+36·427	− 4	...	...
...	34·775	−53·508	0·80	...	...
...	32·868	+35·746	− 5	M	...
...	−32·749	−58·367	− 1	...	...
...	32·734	+28·846	− 1	...	...
...	32·094	+15·240	− 4	...	...
...	32·004	−32·785	− 2	...	...
...	31·564	−35·712	− 4	A	...
61					
...	−30·685	−15·450	− 1	...	...
*	30·566	− 1·972	0·90	...	...
...	29·423	−36·513	− 4	...	...
*	29·286	−44·486	1·10	46.10432	9·2
...	29·267	+56·593	− 4	...	...
...	−28·626	−22·919	− 4	A	...
...	27·990	− 5·271	− 4	A	...
...	27·926	+37·101	0·80	...	...
...	27·577	−44·542	− 5	M	...
...	27·567	+35·782	− 5	M	...
71					
...	−26·175	−56·065	− 4	...	...
...	26·130	− 7·432	− 2	...	...
...	26·027	+13·317	0·75	...	...
...	25·222	+44·325	− 1	...	...
S*	24·791	+54·514	1·10	45.10326	9·1
*	−23·707	+ 3·429	1·10	46.10433	9·2
...	22·274	+39·805	− 3	...	...
†	22·086	+49·862	− 5	...	...
...	20·646	+53·059	− 5	...	...
...	20·248	+26·171	− 3	...	...
81					
...	−19·445	−28·385	− 5	...	...
...	19·389	−56·216	− 4	A	...
...	19·357	+51·433	− 2	...	...
...	18·365	+45·543	− 4	...	...
...	18·276	− 6·125	0·90	46.10434	9·6
S*	−17·917	+15·891	1·00	45.10327	9·4
...	17·272	+37·561	− 4	...	...
...	16·893	−28·610	− 5	M	...
*	14·071	−57·717	1·00	47. 9898	9·4
*	13·326	+51·844	1·00	45.10328	9·6
91–150					
91					
...	−12·976	+10·812	− 3	...	...
...	12·763	+17·413	− 4	...	...
...	11·774	+52·145	− 5	...	...
...	8·914	+35·857	0·90	45.10329	9·6
*	8·088	+49·686	0·95	45.10330	9·4
...	− 7·720	− 5·565	− 4	A *m*	...
S*	7·582	− 6·607	2·10	46.10435	8·2
...	7·234	− 3·678	− 5	M *m*	...
*	6·776	− 4·292	2·10	46.10436	8·2
...	6·115	−20·494	− 4	...	...
101					
...	− 6·082	−11·425	0·90	46.10437	9·6
...	5·821	+15·746	− 5	M *m*	...
...	5·705	+37·858	0·80	45.10331	9·6
...	5·430	+40·968	− 5	...	...
†	5·167	− 5·625	0·90	46.10438	9·6
...	− 4·202	−22·709	− 5	M *m*	...
...	3·410	−36·739	− 5	M *m*	...
...	3·015	−58·088	− 5	M	...
...	2·934	+43·096	− 4	M	...
...	2·309	+15·628	− 5	*m*	...
111					
‡	− 0·072	− 7·216	1·10	46.10439	9·4
...	− 0·072	−23·384	− 1	...	...
...	+ 0·223	−45·138	− 3	...	...
...	0·265	+57·083	0·70	...	...
...	1·095	− 1·186	− 4	M *a*	...
S*	+ 1·640	−53·121	1·70	47. 9901	8·7
S*	1·815	−22·078	2·95	46.10440	7·6
...	1·876	+ 3·731	0·70	46.10441	9·6
...	2·159	−18·289	− 4	M	...
...	2·647	−30·876	0·70	...	...
121					
*	+ 2·854	+16·357	1·10	45.10332	9·4
†	4·132	−39·875	− 2	...	...
*	4·308	−47·158	0·90	46.10442	9·6
†	4·755	−56·817	− 3	...	...
...	5·239	+ 1·372	− 4	M	...
...	+ 5·250	−26·238	− 2	...	...
...	5·888	−49·698	0·70	...	...
...	6·132	+47·526	− 1	...	...
...	6·309	+ 1·994	0·80	46.10443	9·6
*	6·324	−53·678	1·00	47. 9902	9·2
131					
...	+ 6·666	−48·072	− 5	M	...
...	6·682	−35·057	− 3	...	...
...	6·879	−58·099	− 3	...	...
*	7·303	−22·131	0·90	46.10444	9·6
...	7·349	−54·217	0·80	...	...
*	+ 8·400	+21·601	0·90	45.10333	9·6
...	8·512	− 9·606	− 2	...	...
...	8·660	− 7·785	− 2	...	...
...	9·134	−39·189	− 1	...	...
...	9·155	−23·775	− 5	...	...
141					
...	+ 9·577	+ 8·292	0·70	...	...
‡	9·792	−36·257	2·20	46.10445	8·1
†	9·905	+41·977	− 4	...	...
S*	10·478	+25·315	2·55	45.10334	7·6
...	11·279	− 1·167	0·80	...	...
...	+11·691	−27·967	− 4	...	...
...	11·890	−29·476	− 3	...	...
†	12·195	+19·899	0·90	45.10335	9·6
...	12·355	+46·976	− 3	...	...
†	12·675	+ 4·990	− 4	...	...
151–210					
151					
...	+12·806	+32·451	− 5	*m*	...
*	12·937	−48·756	0·90	46.10446	9·4
*	14·096	+26·873	1·00	45.10336	9·2
*	14·256	−21·484	0·90	46.10447	9·5
...	14·488	+22·984	− 1	...	...
*	+15·188	−51·479	1·00	46.10448	9·2
...	15·732	+25·950	− 3	...	...
...	16·139	+28·951	− 5	...	...
...	16·268	− 4·763	− 5	...	...
*	16·832	+30·412	3·30	45.10337	7·2
161					
...	+19·290	+32·726	0·65	...	...
...	21·979	+48·625	− 5	*m*	...
...	23·681	−47·105	− 5	*m*	...
...	23·748	+31·657	− 3	...	...
...	23·906	−22·149	− 4	...	...
...	+24·096	−14·272	− 1	...	...
...	25·323	−27·759	− 3	...	...
...	25·474	−35·131	0·65	...	...
...	25·686	+ 8·253	− 5	...	...
S*	26·260	+13·327	2·00	45.10338	7·9
171					
*	+26·753	+58·204	1·60	45.10339	8·4
*	26·991	−35·122	1·10	46.10449	9·0
...	27·018	+53·060	− 5	*m*	...
...	27·641	−47·690	− 3	...	...
...	28·466	−18·295	− 3	...	...
...	+30·348	−40·219	− 1	...	...
...	31·078	+ 7·240	− 5	*m*	...
...	31·127	+42·308	− 3	...	...
...	31·227	+47·981	0·75	...	...
*	31·360	−57·676	1·10	47. 9907	9·0
181					
...	+31·828	+50·572	− 5	*m*	...
...	31·842	−55·968	− 3	...	...
...	32·377	+58·679	− 4	...	...
S*	33·267	+52·106	2·00	45.10340	7·9
...	33·595	+21·198	− 2	...	...
...	+34·499	−36·473	0·70	...	...
...	34·513	−49·263	− 3	...	...
†	34·746	+50·367	− 4	...	...
...	35·494	−45·880	0·90	...	...
...	36·986	+32·292	− 2	...	...
191					
...	+37·138	−41·957	− 3	...	...
...	37·353	+29·451	− 1	...	...
...	37·367	−19·773	− 4	*a*	...
...	37·474	+ 7·326	− 2	...	...
...	38·829	−57·688	0·95	47. 9909	9·6
...	+39·471	− 5·264	− 4	...	...
...	39·577	+26·939	− 5	...	...
...	39·884	+38·906	− 4	...	...
...	40·006	+49·940	0·80	...	...
...	40·438	−48·616	0·85	...	...
201					
...	+40·792	−58·152	− 3	...	...
...	40·899	+37·712	− 1	...	...
...	41·111	−51·863	− 3	...	...
...	41·114	+49·204	0·80	...	...
...	41·558	−17·914	− 1	...	...
...	+41·976	−38·943	− 5	...	...
...	42·005	+51·425	0·80	...	...
*	42·658	−27·067	1·00	46.10450	9·4
S*	42·928	−17·146	1·15	46.10451	8·9
...	43·391	+50·909	0·80	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
211–220					
211	′	′		°	
†	+44·713	−20·771	− 4	...	...
†	44·748	+23·244	0·70	...	...
...	44·892	−19·430	− 5	*m*	...
*	45·041	+20·664	1·00	45.10342	9·2
...	47·010	+38·766	− 1	...	...
...	+47·275	+26·708	− 3	...	...
...	48·200	−52·902	0·90	47. 9912	9·6
...	48·243	−16·268	− 3	...	...
...	49·186	+ 8·642	− 5	...	...
...	50·101	−50·859	− 3	...	...
221–230					
221	′	′		°	
...	+52·339	−16·365	− 5	*e*	...
...	53·480	+17·500	− 5	*m*	...
...	54·599	+ 3·818	− 3	*e*	...
†	54·604	−24·933	− 3	...	...
...	55·074	+45·573	− 1	...	...
...	+55·849	+25·103	0·80	...	...
...	56·021	+30·306	0·80	...	...
...	56·023	−28·189	− 4	...	...
*	56·277	+43·518	2·00	45.10344	8·2
...	56·601	+ 7·376	− 1	...	...
231–238					
231	′	′		°	
...	+56·688	−55·280	− 5	*e*	...
...	56·855	+49·355	− 5	...	...
...	57·332	−50·791	− 2	...	...
...	57·414	+ 0·496	− 4	*e*	...
...	57·473	+34·391	0·80	...	...
...	+57·765	+50·379	− 5	...	...
...	57·953	−56·607	− 2	...	...
†	58·295	−39·858	− 2	...	...

1–40					
1	′	′		°	
*	−59·833	+20·414	1·10	45.10342	9·2
...	58·870	−20·998	− 2	...	...
...	58·427	+38·571	− 1	...	...
...	57·790	+26·527	− 2	...	...
...	55·478	−16·386	− 3	...	...
...	−55·305	+ 8·532	− 4	...	...
*	54·362	−53·003	0·95	47. 9912	9·6
...	52·514	−50·884	− 2	...	...
...	51·620	−38·914	− 5	M	...
...	51·365	−16·351	− 5	E	...
11					
...	−50·573	+45·634	− 1	...	...
...	49·772	+ 3·881	− 2	E	...
*	49·304	+43·610	1·80	45.10344	8·2
†	49·177	+25·209	0·90	...	...
...	49·160	+30·405	0·80	...	...
...	−48·925	+49·467	− 5	...	...
...	48·850	−24·854	− 1	...	...
...	48·474	+43·157	− 5	...	...
...	48·054	+50·515	− 4	...	...
...	47·853	+ 7·503	− 2	...	...
21					
...	−47·837	+34·529	0·80	...	...
...	47·320	−28·053	− 4	...	...
...	46·838	+ 0·660	− 4	E	...
...	46·509	+42·471	− 5	...	...
...	45·807	−55·079	− 4	E	...
...	−45·292	−50·587	0·80	...	...
...	44·967	+48·157	− 2	...	...
...	44·800	+42·924	− 5	M	...
...	44·699	−39·668	− 1	...	...
...	44·502	−56·377	0·90	...	...
31					
...	−43·964	+55·324	0·90	...	...
*	43·621	+28·075	1·40	45.10345	8·8
†	43·618	+35·155	− 4	...	...
...	43·302	−40·111	− 5	M	...
S *	42·185	+40·823	1·95	45.10346	8·0
*	−39·824	+33·953	1·00	45.10347	9·2
*	38·891	−42·207	1·20	46.10452	9·1
...	37·252	+57·349	− 5	...	...
†	37·121	+ 0·329	− 4	M	...
*	37·100	+13·881	0·85	45.10348	9·6
41–80					
41	′	′		°	
*	−35·625	+57·829	1·20	45.10349	9·2
...	35·367	+13·866	− 1	...	...
†	35·033	− 9·643	0·65	46.10454	9·6
S *	34·941	−31·469	2·65	46.10453	7·8
...	34·309	+54·976	− 5	M	...
...	−34·262	+11·342	− 3	...	...
*	33·697	+29·964	1·40	45.10350	8·5
*	33·547	−24·853	1·00	46.10455	9·4
*	32·178	−53·071	1·00	47. 9915	9·2
...	32·072	+ 9·040	0·70	...	...
51					
...	−31·951	−55·732	0·65	...	...
...	31·889	−31·120	− 4	A	...
...	31·738	−18·287	− 1	...	...
...	31·667	+16·716	− 5	M	...
...	30·857	− 7·792	− 3	...	...
‡	−30·160	−21·027	0·90	46.10456	9·6
*	29·281	+36·519	2·10	45.10351	8·0
...	29·105	+50·770	− 1	...	...
...	28·983	+21·153	0·80	...	...
...	28·579	+28·070	− 4	M	...
61					
...	−28·497	−54·268	0·85	...	...
...	28·435	− 0·936	− 5	M	...
...	27·787	−43·446	0·70	...	...
S *	26·732	+19·154	3·15	45.10352	7·3
S *	25·845	−53·834	1·70	47. 9916	8·2
...	−25·535	−17·736	− 4	...	...
*	25·526	−30·409	0·95	46.10457	9·5
...	25·188	+45·078	0·90	45.10353	9·6
...	24·805	+14·300	− 4	B	...
...	24·740	+15·376	− 4	...	...
71					
*	−24·448	+10·668	0·85	45.10354	9·6
...	23·632	− 7·164	− 4	M	...
...	23·576	+13·330	− 4	A	...
*	23·161	+35·561	2·00	45.10355	8·0
...	23·071	−55·782	− 5	M	...
...	−22·393	+38·680	− 3	...	...
...	22·265	+39·636	− 4	...	...
‡	21·371	−19·563	1·00	46.10458	9·2
‡	21·310	+45·198	0·90	45.10356	9·6
*	20·848	+21·014	1·10	45.10357	9·2
81–120					
81	′	′		°	
*	−20·791	−13·567	0·80	...	...
...	20·361	+24·488	0·70	...	...
*	19·096	−41·062	1·10	46.10459	9·1
...	18·053	+36·541	− 1	...	...
...	17·596	+47·589	− 4	...	...
...	−17·519	+10·495	− 5	M	...
...	17·139	−45·074	− 4	...	...
...	17·014	− 2·963	− 5	M	...
...	16·775	−28·691	− 1	...	...
*	16·419	− 3·786	1·10	46.10460	9·2
91					
S *	−16·017	−25·212	2·55	46.10461	7·9
†	15·209	−44·009	− 1	...	...
...	14·917	+57·485	− 4	...	...
...	14·810	+ 3·175	− 5	M	...
...	14·807	+11·089	− 4	A	...
*	−14·067	−58·342	1·00	47. 9917	9·2
...	13·959	+18·184	− 4	M	...
*	13·442	+29·906	1·20	45.10359	9·1
...	13·409	+26·107	− 4	B	...
...	12·257	+11·444	− 4	B	...
101					
*	−11·379	−56·803	1·40	47. 9919	8·6
...	11·113	+ 6·982	− 2	...	...
...	9·761	+40·903	0·65	...	...
*	9·104	+27·223	0·90	45.10360	9·5
...	8·803	+ 9·996	0·90	45.10361	9·6
...	− 8·060	−17·655	− 5	M *m*	...
...	7·647	+ 2·290	− 5	M *m*	...
...	7·574	−27·812	− 4	A *m*	...
...	7·418	+46·844	− 3	...	...
...	6·997	−11·761	− 5	M *m*	...
111					
...	− 6·817	+28·164	− 4	...	...
...	5·772	+44·359	− 4	B *m*	...
...	5·688	+39·698	− 2	...	...
...	5·138	− 4·777	− 4	M *m*	...
...	4·855	+12·679	− 3	...	...
...	− 4·480	+25·036	− 5	M *m*	...
...	3·884	+30·602	− 4	A *m*	...
...	3·513	−42·121	− 4	...	...
...	3·489	+ 6·021	0·65	...	...
S *	3·120	−51·673	3·00	46.10462	7·3

Measured by M.C.; Standards by M.C. and C.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
121–170					
121	′	′		°	
…	− 2·811	+15·126	0·65	…	…
…	1·688	−53·503	− 5	M *m*	…
…	1·496	+34·545	− 5	M *m*	…
*	0·729	+42·601	1·00	45.10362	9·4
…	− 0·209	−52·196	0·70	…	…
…	+ 0·098	+ 3·551	0·80	46.10463	9·6
…	0·171	− 1·269	− 5	M *m*	…
…	0·198	−16·650	− 5	M	…
…	0·287	+46·627	0·70	…	…
*	0·316	−27·990	1·10	46.10464	9·2
131					
…	+ 0·504	+ 6·588	− 2	…	…
…	0·828	+46·830	− 4	…	…
…	1·238	−50·588	− 2	…	…
…	1·795	−49·050	0·75	…	…
…	2·048	−16·001	0·85	46.10465	9·6
…	+ 2·124	−35·116	− 4	…	…
…	2·264	+46·063	− 3	…	…
†	3·991	− 4·633	− 4	M *m*	…
…	4·263	−40·528	− 3	…	…
…	4·275	−47·819	− 4	M	…
141					
†	+ 4·596	+33·658	− 3	…	…
…	5·004	−47·941	− 1	…	…
…	5·311	+46·148	− 5	M *m*	…
*	5·682	−57·064	1·00	47. 9924	9·6
…	6·412	−36·304	− 5	M *m*	…
…	+ 6·535	−23·698	− 5	M *m*	…
…	7·270	−30·837	− 3	…	…
…	8·194	+ 0·183	− 5	*m*	…
…	10·454	+23·005	− 1	…	…
…	10·620	+39·391	0·75	…	…
151					
…	+11·278	+59·731	− 2	…	…
…	11·668	−52·777	− 4	…	…
…	12·092	+35·813	0·65	…	…
…	12·509	−54·659	− 4	…	…
*	12·671	+14·607	1·00	45.10363	9·4
…	+12·984	−26·133	− 1	…	…
…	13·169	−23·641	− 2	…	…
…	13·458	−44·348	0·70	…	…
…	13·581	+12·612	− 4	…	…
*	13·687	−59·115	0·90	47. 9926	9·6
161					
S *	+13·762	+43·550	1·65	45.10364	8·2
…	14·131	−41·553	0·70	…	…
‡	14·649	− 1·312	1·00	46.10466	9·4
…	14·958	+ 0·631	− 4	*a*	…
…	15·544	−35·101	− 2	…	…
…	+16·388	+40·563	0·75	…	…
…	16·766	−58·602	− 1	…	…
*	17·393	−45·901	1·00	46.10467	9·4
…	18·183	−17·036	− 3	…	…
…	18·252	−58·255	− 2	…	…
171–220					
171	′	′		°	
…	+18·434	−35·200	− 3	…	…
…	19·074	−16·017	0·70	…	…
…	19·864	−42·906	− 2	…	…
*	19·923	+22·371	1·80	45.10365	8·3
…	19·972	+21·774	− 3	…	…
…	+20·881	− 1·166	− 5	*m*	…
*	21·279	−54·051	0·95	47. 9928	9·6
…	21·287	+55·052	− 5	…	…
…	22·557	+53·492	0·80	…	…
…	22·900	−48·509	− 3	…	…
181					
…	+22·947	+12·241	− 5	*m*	…
S *	23·099	+18·404	3·00	45.10366	7·3
…	23·705	− 5·098	0·70	46.10468	9·6
*	23·770	+43·661	0·95	45.10367	9·6
…	24·070	−28·773	− 1	…	…
S *	+24·152	−32·883	2·05	46.10469	8·0
…	24·360	−38·358	− 5	*m*	…
…	25·048	− 1·291	− 5	*m*	…
*	25·154	−33·434	1·60	46.10470	8·7
…	25·447	+49·799	− 5	*m*	…
191					
…	+25·994	+37·434	− 4	…	…
…	26·218	−16·511	− 1	…	…
*	26·274	−27·731	1·20	46.10471	9·0
*	26·722	+59·318	1·00	45.10368	9·2
*	27·454	− 1·922	0·95	46.10472	9·2
…	+28·652	−50·275	− 1	…	…
*	28·961	−12·892	1·00	46.10473	9·2
*	28·979	+44·787	0·90	45.10369	9·6
…	29·446	+21·101	− 1	…	…
‡	29·534	− 3·487	2·60	46.10474	7·6
201					
…	+31·769	−10·234	− 3	…	…
…	32·176	+13·763	− 5	*m*	…
…	32·215	+23·673	0·65	…	…
…	32·762	+12·299	− 3	…	…
*	32·942	−34·083	0·85	46.10475	9·6
…	+33·719	+ 8·464	− 4	…	…
…	33·872	+53·723	− 5	*m*	…
…	34·046	−44·192	− 4	…	…
S ‡	34·092	+ 0·346	2·40	46.10476	7·4
…	35·218	− 6·231	− 3	…	…
211					
…	+35·334	−48·088	0·65	…	…
…	35·347	−46·174	− 4	…	…
…	36·345	−31·092	− 4	…	…
*	36·634	+16·284	3·10	45.10371	6·6
…	37·036	−44·102	− 5	*m*	…
…	+37·286	−40·264	0·70	…	…
…	38·086	+11·191	− 4	…	…
…	38·413	− 3·142	− 5	*m*	…
…	38·682	−42·557	− 5	*m*	…
…	38·771	+57·400	− 3	…	…
221–264					
221	′	′		°	
…	+39·216	−29·002	− 4	…	…
†	39·550	−55·642	− 3	…	…
…	39·987	− 7·601	− 3	…	…
…	40·574	+ 5·744	− 4	…	…
…	41·086	+29·145	− 4	…	…
…	+41·480	−38·251	− 1	…	…
…	41·496	+ 3·758	− 3	…	…
…	41·732	−59·175	− 4	*a*	…
…	41·790	+ 1·153	− 3	…	…
†	42·194	−34·594	− 4	…	…
231					
…	+42·337	+41·396	− 4	…	…
…	43·170	−50·918	− 5	*m*	…
…	43·473	+24·595	− 5	*m*	…
…	43·615	−19·950	0·75	…	…
…	43·726	−45·850	− 1	…	…
*	+44·881	−44·911	0·90	…	…
…	45·624	−14·719	− 5	*e*	…
…	46·036	+38·983	− 5	*e*	…
*	46·347	+54·170	1·10	45.10372	9·2
*	46·777	+31·290	1·70	45.10373	8·2
241					
*	+47·657	+ 4·730	0·90	…	…
*	47·687	−58·580	1·60	47. 9932	8·9
…	48·432	−33·413	0·80	…	…
…	48·438	+10·475	− 5	*m*	…
…	48·890	−17·524	− 5	*m*	…
…	+49·665	−45·771	0·90	…	…
…	49·953	+56·250	− 5	…	…
…	51·007	+46·933	− 5	…	…
…	51·752	−31·312	− 5	*m*	…
…	51·974	−51·866	− 5	*m*	…
251					
…	+52·033	−30·546	− 5	*m*	…
…	52·142	−54·686	− 3	…	…
*	54·254	−48·465	1·10	46.10477	9·4
†	54·521	+21·363	− 1	…	…
…	54·719	+31·552	− 4	…	…
…	+54·785	−19·450	− 5	*m*	…
…	55·464	+32·802	− 1	…	…
*	55·686	−32·000	0·90	46.10479	9·6
*	55·799	+49·469	1·60	45.10374	8·8
*	55·880	+ 3·811	0·90	46.10478	9·6
261					
†	+55·980	− 4·658	− 3	…	…
*	56·500	+15·065	2·20	45.10375	7·4
…	56·911	+ 0·607	− 3	…	…
…	57·133	+51·154	− 3	…	…

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
1–60					
1					
...	−59·969	−20·206	0·80	...	...
*	59·567	+53·989	1·40	45.10372	9·2
...	59·391	+38·800	− 5	E	...
...	59·047	−46·092	− 3	...	...
*	58·420	+31·124	1·80	45.10373	8·2
...	−58·128	−14·904	− 5	E	...
...	57·907	−45·107	0·90	...	...
...	56·706	+ 4·607	0·90	...	...
...	56·017	+56·197	− 5	...	...
...	54·747	−33·505	0·65	...	...
11					
*	−54·689	−58·691	1·40	47. 9932	8·9
...	54·680	+46·906	− 5	...	...
...	53·086	−45·812	0·80	...	...
...	50·484	+31·645	− 4	...	...
...	50·370	+21·457	− 1	...	...
...	−50·341	−54·663	− 4	...	...
*	49·967	+49·585	1·30	45.10374	8·8
...	49·778	+32·913	− 1	...	...
...	48·688	+51·321	− 3	...	...
*	48·456	+ 3·945	0·90	46.10478	9·6
21					
*	−48·442	−48·370	1·00	46.10477	9·4
*	48·170	+15·213	2·20	45.10375	7·4
...	48·081	− 4·508	− 1	...	...
*	47·530	−31·855	0·90	46.10479	9·6
...	47·337	+ 0·778	− 3	...	...
...	−44·150	+37·127	0·70	...	...
...	44·061	+ 3·708	− 4	...	...
*	43·178	+47·727	1·40	45.10377	8·9
*	43·137	+28·183	1·70	45.10376	8·6
...	42·167	+48·546	− 5	...	...
31					
*	−41·867	−21·823	1·00	46.10480	9·4
...	41·342	−57·777	0·65	...	...
S*	41·287	+37·147	3·00	45.10378	6·9
...	41·058	−57·193	− 5	...	...
*	40·916	−33·034	0·85	...	...
...	−39·663	−14·849	− 5	A	...
...	39·465	+40·102	0·90	45.10379	9·6
...	37·391	−44·877	0·80	...	...
...	37·249	−52·072	− 4	...	...
...	37·019	+34·223	− 2	...	...
41					
...	−36·539	−50·503	− 5	A	...
...	35·432	+11·335	− 4	...	...
*	34·909	− 3·179	1·00	46.10481	9·4
...	34·548	+12·738	0·75	...	...
S*	34·023	+ 9·346	3·20	45.10380	6·7
†	−33·595	+ 5·347	− 2	...	...
S*	33·006	−37·541	1·25	46.10482	8·8
...	32·711	+43·121	− 3	...	...
...	31·719	−20·295	− 1	...	...
*	31·574	+10·695	1·00	45.10381	9·0
51					
...	−30·856	−40·647	− 5	...	...
...	30·652	−58·109	0·80	...	...
...	30·570	− 3·232	− 3	...	...
...	29·632	−23·112	− 2	...	...
...	27·856	+19·047	− 3	...	...
...	−26·878	−52·544	− 5	A	...
†	26·309	−49·412	− 3	...	...
...	26·217	+43·450	− 4	...	...
...	25·729	+49·051	0·65	...	...
...	25·365	+32·008	− 1	...	...
61–120					
61					
*	−24·510	+51·293	1·00	45.10382	9·5
*	23·551	+39·739	2·40	45.10383	8·0
*	22·889	− 5·881	1·00	46.10483	9·4
...	22·820	−13·792	− 3	...	...
...	22·693	+55·020	− 5	...	...
*	−22·637	−12·173	1·00	46.10484	9·4
...	21·198	−43·768	0·75	...	...
...	20·527	+50·956	− 5	...	...
‡	20·287	−11·077	1·00	46.10485	9·6
†	20·074	+50·232	− 3	...	...
71					
...	−19·936	−49·996	− 4	...	...
*	19·312	+51·982	1·40	45.10384	8·6
...	19·171	+ 6·200	− 3	...	...
...	18·469	−30·327	− 4	...	...
...	18·015	+52·825	− 2	...	...
...	−17·971	−12·729	0·80	46.10487	9·6
S*	17·854	−42·440	2·55	46.10486	7·4
...	17·700	+ 1·564	0·75	...	...
S*	17·451	+ 4·518	1·50	46.10488	8·7
*	16·619	−32·291	2·70	46.10489	7·6
81					
...	−16·207	+ 8·395	− 3	...	...
*	15·398	−28·712	1·00	46.10490	9·3
...	14·092	−32·935	0·85	...	...
...	11·102	+19·264	0·90	45.10385	9·6
...	10·744	+15·588	− 2	...	...
...	−10·244	−55·404	− 3	...	...
...	10·238	− 3·165	− 1	...	...
...	8·877	−55·149	− 2	...	...
...	8·574	− 2·745	0·65	46.10491	9·6
...	8·039	−21·903	− 5	A *m*	...
91					
...	− 7·944	+18·679	− 1	...	...
*	6·884	−37·679	1·20	46.10492	9·0
...	6·633	−27·858	0·70	...	...
...	5·115	+49·383	− 5	*m*	...
...	4·904	+18·207	− 4	*m*	...
...	− 4·489	+46·948	− 5	*m*	...
...	3·426	+21·567	− 4	...	...
...	2·984	−35·130	− 4	...	...
...	2·082	+13·368	− 5	B *m*	...
...	2·017	−32·754	− 4	...	...
101					
*	− 1·602	+47·643	1·20	45.10386	9·0
*	1·002	−15·766	1·50	46.10493	8·8
...	0·631	−22·738	− 3	...	...
...	− 0·529	+ 5·564	− 4	B *m*	...
*	+ 2·179	+ 9·384	0·90	...	...
S*	+ 2·259	−26·090	1·75	46.10494	8·4
...	2·706	+25·076	− 3	...	...
...	3·048	−51·856	− 4	...	...
*	3·382	−38·255	0·85	46.10495	9·6
...	3·406	+22·753	− 3	...	...
111					
...	+ 3·797	+25·134	− 3	...	...
*	4·798	+48·873	1·00	45.10388	9·5
...	5·061	−36·195	− 2	...	...
...	6·026	−28·037	0·65	...	...
...	6·143	−34·646	− 2	...	...
S*	+ 6·359	+54·011	1·90	45.10389	8·2
...	6·529	+55·767	− 1	...	...
*	7·484	− 2·154	0·95	46.10496	9·6
...	9·043	−17·963	0·90	...	...
...	10·616	+38·400	− 5	*a*	...
121–180					
121					
...	+10·777	−15·094	0·65	...	...
†	11·824	+25·273	− 1	...	...
...	12·655	+57·606	0·85	...	...
...	13·752	−24·799	− 3	...	...
...	14·115	−19·722	− 3	...	...
...	+14·971	−57·901	− 4	...	...
*	15·115	−13·523	1·10	46.10497	9·4
*	15·669	−22·975	2·60	46.10498	8·0
...	15·733	− 3·716	− 3	...	...
...	16·495	−52·121	0·80	...	...
131					
...	+17·407	−28·373	− 5	...	...
*	18·009	− 2·015	1·50	46.10499	8·8
...	18·079	+ 2·499	− 4	...	...
...	21·540	−30·229	− 1	...	...
...	22·629	−16·481	− 3	...	...
...	+22·830	+16·729	0·80	...	...
...	23·528	+32·779	0·65	...	...
...	23·965	+10·500	− 2	...	...
...	26·268	−35·375	− 5	*a*	...
...	26·527	−21·704	− 5	...	...
141					
...	+27·031	+ 5·976	− 5	*m*	...
...	27·603	−13·178	− 1	...	...
...	29·116	−55·488	− 3	...	...
†	29·548	+48·713	0·75	...	...
*	29·709	+56·463	1·05	45.10390	9·3
...	+29·801	−24·327	− 1	...	...
...	29·952	−38·380	− 1	...	...
...	30·334	+25·793	0·65	...	...
...	31·800	−39·262	0·80	...	...
...	31·874	+32·712	− 3	*a*	...
151					
...	+32·380	−30·110	− 4	...	...
...	34·418	− 6·118	− 1	...	...
...	34·814	−45·007	− 1	...	...
...	34·892	−55·735	− 5	...	...
S*	35·426	− 3·387	2·80	46.10500	7·8
†	+35·988	− 9·539	− 5	...	...
...	36·169	−19·445	0·70	...	...
...	36·407	−36·648	− 1	...	...
*	38·372	+48·476	1·10	45.10391	9·4
...	38·764	+ 4·759	0·85	46.10501	9·6
161					
...	+39·203	+43·911	− 5	...	...
...	39·397	+36·569	− 4	...	...
...	39·501	+42·257	0·65	...	...
...	39·985	+14·485	− 2	...	...
...	40·435	− 5·223	− 4	...	...
...	+41·682	−37·757	0·70	...	...
...	41·862	−29·717	− 5	*m*	...
*	41·975	+26·245	0·90	45.10392	9·6
...	42·514	+35·426	− 4	...	...
...	42·539	−23·218	0·70	...	...
171					
...	+45·714	−20·452	− 3	...	...
...	46·739	+ 4·801	− 5	*m*	...
...	46·803	−10·766	− 2	...	...
...	48·320	+29·719	− 4	*e*	...
...	49·055	−53·172	− 1	...	...
S*	+49·163	+12·340	5·40	45.10393	5·6
...	49·689	−43·121	− 5	*e*	...
f *	51·737	− 0·132	1·10	46.10502	8·8
...	52·044	−37·700	− 5	*e*	...
...	52·542	+46·873	0·90	...	...

Measured by M.C. ; Standards by M.C. and C.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −4.	C.P.D. No.	C.P.D. Mag.
181–190					
181	′	′		°	
...	+53·787	−17·790	− 3	...	...
...	53·931	−30·559	− 1	...	...
...	54·033	−48·565	− 3	...	...
...	54·757	− 1·835	0·65	...	...
*	55·215	−12·766	1·20	46.10503	9·0
...	+55·297	+29·492	− 4	*e*	...
*	56·304	+50·375	1·10	45.10394	9·4
*	58·146	−19·370	1·00	46.10504	9·2
...	58·418	−55·958	− 4	...	...
...	58·832	−33·335	− 1	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. ...	C.P.D. No.	C.P.D. Mag.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. ...	C.P.D. No.	C.P.D. Mag.

1–40					
1	′	′		°	
...	−57·863	−20·614	− 3	...	...
...	57·072	−10·916	− 2	...	...
...	56·843	+29·574	− 4	E	...
S*	55·421	+12·246	5·00	45.10393	5·6
...	55·173	+58·280	− 4	...	...
...	−53·501	−53·243	− 1	...	...
...	53·181	−43·163	− 5	E	...
...	53·160	+46·861	0·95	...	...
F*	52·468	− 0·144	1·35	46.10502	8·8
...	51·017	−37·679	− 5	E	...
11					
...	−50·638	+46·396	− 4	...	...
...	49·888	−17·731	− 2	...	...
...	49·871	+29·572	− 4	E	...
...	49·769	−49·410	− 5	M	...
*	49·513	+50·474	1·10	45.10394	9·4
...	−49·425	− 1·749	0·70	...	...
...	49·333	−30·479	0·70	...	...
...	48·671	−48·483	− 3	...	...
*	48·611	−12·655	1·20	46.10503	9·0
...	47·377	+23·911	− 5	M	...
21					
...	−47·054	+25·783	− 5	M	...
*	45·485	−19·170	1·00	46.10504	9·2
...	44·744	+ 7·659	− 5	M	...
...	44·368	−33·106	0·65	...	...
S*	44·337	−10·361	1·60	46.10505	8·4
...	−44·051	−55·735	− 3	...	...
*	43·624	+29·048	0·90	...	...
...	43·212	+38·813	0·65	...	...
*	42·150	−22·736	1·90	46.10506	8·2
...	42·087	+39·253	− 3	...	...
31					
†	−41·184	−10·035	− 1	...	...
...	40·482	+15·462	− 4	A	...
*	40·356	−27·055	1·30	46.10507	8·9
...	39·894	−26·770	− 4	...	...
S*	39·801	+43·732	2·60	45.10395	7·4
...	−39·789	+ 8·405	− 4	A	...
*	39·491	+19·140	1·80	45.10396	8·4
...	39·145	−12·077	− 5	M	...
...	38·508	−19·951	− 5	M	...
...	38·449	−10·259	− 4	A	...

41–80					
41	′	′		°	
...	−38·194	−35·131	− 5	M	...
...	38·052	−12·437	− 4	A	...
...	37·571	+41·439	0·80	45.10397	9·6
...	36·819	+20·977	− 3	...	...
...	36·796	+30·905	− 4	A	...
...	−36·794	+34·480	− 5	M	...
...	36·408	+ 3·668	− 5	M	...
...	36·299	+26·167	− 5	M	...
...	36·143	+27·031	− 5	M	...
...	35·628	+34·700	− 3	...	...
51					
...	−35·427	−36·935	0·80	...	...
...	35·381	+31·811	− 4	...	...
...	35·350	+36·571	− 2	...	...
...	34·175	−31·920	− 3	...	...
...	33·993	+44·973	− 4	A	...
...	−33·385	−57·875	− 4	...	...
...	33·294	−51·584	0·85	46.10508	9·6
*	32·375	+ 7·258	0·95	46.10509	9·6
...	32·134	−48·569	− 4	A	...
...	31·697	+33·535	− 4	A	...
61					
...	−31·673	+ 4·875	− 2	...	...
*	31·590	−59·377	1·20	47. 9954	9·4
*	29·966	− 0·853	1·80	46.10510	8·6
...	29·742	+20·955	− 4	...	...
*	29·220	+42·143	1·00	45.10399	9·2
...	−29·202	−22·507	− 2	...	...
*	28·583	+17·742	0·95	45.10400	9·5
S*	28·476	−35·610	1·10	46.10511	9·2
...	28·360	−53·947	0·85	...	...
...	27·364	+20·163	0·70	...	...
71					
...	−26·636	−21·357	− 4	...	...
...	26·595	− 2·817	0·90	...	...
...	26·376	−18·193	− 2	...	...
...	26·241	+ 7·108	− 5	M	...
...	25·621	+ 5·961	− 4	M	...
...	−25·596	−33·726	− 4	...	...
...	25·554	−52·949	0·95	47. 9956	9·5
*	25·507	+26·745	0·95	45.10402	9·6
†	25·057	+24·278	− 1	...	...
...	24·409	−49·413	− 4	...	...

81–120					
81	′	′		°	
...	−23·017	−35·261	0·70	...	...
S*	21·840	+23·135	1·20	45.10403	9·0
*	21·737	−11·396	1·90	46.10512	8·4
...	21·553	−16·953	− 1	...	...
...	20·643	+17·069	− 3	...	...
...	−19·535	+50·624	0·75	...	...
...	19·125	−50·676	0·75	...	...
*	18·458	−52·944	1·00	47. 9959	9·3
*	17·795	−57·260	0·90	47. 9960	9·6
*	15·048	+37·442	0·95	45.10404	9·6
91					
...	−15·011	−49·162	− 3	...	...
...	12·982	−29·341	− 4	...	...
...	12·881	−59·750	0·80	...	...
...	12·764	− 3·793	0·85	...	...
*	10·585	−34·811	0·90	46.10513	9·6
...	−10·013	−43·490	0·85	...	...
...	9·330	−33·508	− 5	...	...
...	9·317	+21·765	− 4	M	...
...	8·816	+ 2·344	− 1	...	...
...	7·884	−16·147	0·65	...	...
101					
...	− 6·766	+45·614	− 4	...	...
*	6·170	+40·641	0·85	45.10405	9·6
...	4·283	−17·663	− 5	*m*	...
*	3·891	+31·713	1·10	45.10406	9·3
...	3·552	+49·972	− 2	...	...
...	− 3·250	+28·253	0·75	...	...
...	1·555	−19·349	0·70	...	...
...	1·174	+51·109	− 3	...	...
...	− 1·143	−55·267	− 3	...	...
...	+ 0·047	− 2·960	0·70	...	...
111					
...	+ 0·119	+41·063	0·70	...	...
...	0·596	− 7·569	− 4	*m*	...
...	0·615	+36·431	− 2	...	...
...	0·762	−10·082	− 4	*m*	...
...	0·836	−38·606	− 4	...	...
...	+ 0·882	−46·336	− 4	A *m*	...
...	2·409	−34·841	0·70	...	...
...	2·445	−18·950	0·75	...	...
...	2·462	−32·956	− 4	M *b*	...
...	2·838	−11·266	− 1	...	...

Measured by M.C.; Standards by M.C. and C.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
121–160					
121					
...	+ 4′009	+11′644	0·75	...	...
...	4·347	−46·097	− 3	*m*	...
†	4·840	+58·514	0·70	...	...
*	5·660	−26·876	0·95	46.10514	9·6
*	5·895	−58·737	1·10	47. 9964	9·0
S *	+ 6·276	−35·276	1·80	46.10515	8·4
...	6·327	−58·938	− 4	...	...
...	6·432	+22·545	− 2	...	...
S *	6·951	+54·124	1·40	45.10407	8·8
...	8·295	+53·947	− 3	...	...
131					
*	+ 8·314	−25·202	1·70	46.10516	8·4
...	8·385	−11·058	0·90	46.10517	9·5
*	9·007	+ 4·631	1·80	46.10518	8·6
...	9·922	−42·113	− 5	*m*	...
...	10·185	+56·062	− 1	...	...
...	+10·968	+20·731	− 4	...	...
...	11·338	+53·150	− 1	...	...
...	11·370	+45·409	− 4	*a*	...
...	11·590	+37·956	− 4	*a*	...
*	11·630	+57·895	3·70	45.10408	7·0
141					
...	+11·900	+58·189	− 3	...	...
...	12·632	−11·663	− 5	...	...
...	14·071	−53·809	− 4	...	...
‡	14·813	+ 6·434	0·90	46.10519	9·6
...	15·199	− 7·461	− 2	...	...
S *	+15·973	−13·100	1·85	46.10520	8·6
...	16·840	−24·904	− 2	...	...
...	18·646	−25·499	0·75	...	...
...	19·189	−16·161	− 5	*m*	...
...	19·372	+23·387	− 4	...	...
151					
S *	+20·062	+13·162	2·90	45.10410	7·6
...	21·738	+ 0·300	− 4	*m*	...
...	22·117	+19·779	− 2	...	...
...	22·326	− 4·762	− 4	...	...
...	22·803	+23·831	− 3	...	...
*	+22·928	−36·422	0·95	46.10521	9·6
...	23·583	− 2·907	− 3	...	...
...	24·688	−36·980	− 4	*a*	...
...	25·056	+24·774	− 5	*m*	...
*	25·568	−33·265	0·95	46.10522	9·6
161–200					
161					
...	+25′608	+ 7′218	− 5	*m*	...
*	26·699	+28·081	1·00	45.10411	9·5
...	26·881	+43·372	− 5	*m*	...
...	28·168	+59·106	0·80	...	...
...	28·572	+13·464	− 4	...	...
*	+28·656	− 8·034	1·00	46.10523	9·2
*	29·816	+48·471	1·20	45.10412	9·2
...	30·134	+41·582	− 5	*m*	...
...	30·305	+43·659	− 1	...	...
...	31·744	−32·327	− 1	...	...
171					
...	+32·640	− 2·168	− 5	*m*	...
...	32·846	−15·406	− 1	...	...
...	33·562	−47·507	− 5	*m*	...
*	34·235	−42·732	1·70	46.10524	8·7
...	34·408	−10·207	− 3	...	...
*	+35·098	− 8·821	1·20	46.10525	9·4
...	35·284	− 5·905	0·70	...	...
...	35·506	+13·005	− 4	*b*	...
...	36·746	+45·463	− 1	...	...
...	36·765	−55·825	0·85	...	...
181					
...	+37·466	+12·470	− 3	*a*	...
*	38·543	−40·826	0·95	46.10526	9·6
*	38·832	−40·641	0·90	46.10527	9·6
*	38·999	+15·268	0·90	...	...
...	39·006	+52·743	0·80	...	...
*	+40·178	−32·689	1·00	46.10528	9·4
...	40·192	+41·654	− 4	*a*	...
...	40·750	+18·802	− 5	*m*	...
...	40·915	−16·721	− 5	*m*	...
...	41·852	+40·743	− 5	*m*	...
191					
S *	+42·494	−52·427	2·20	47. 9972	8·0
...	42·598	+44·284	0·75	...	...
...	43·199	+ 8·627	− 3	*a*	...
...	44·057	+45·594	− 4	*a*	...
...	44·132	+14·721	0·65	...	...
...	+45·294	−42·536	− 2	...	...
...	45·408	+14·009	− 1	...	...
...	45·656	−40·113	− 5	*m*	...
...	46·711	−36·337	− 5	*e*	...
...	47·182	−33·590	− 1	...	...
201–222					
201					
*	+47′458	+39′564	1·00	45.10413	9·6
...	47·898	+43·883	0·90	...	...
...	47·956	+24·033	− 4	...	...
...	48·745	+59·611	0·95	45.10414	9·6
...	50·303	+ 9·347	− 4	*e*	...
*	+50·507	− 2·387	0·90	...	...
...	50·751	−27·515	0·85	...	...
...	51·682	+ 3·709	− 1	...	...
...	52·540	+10·344	− 4	...	...
...	52·574	−19·343	0·85	...	...
211					
*	+52·952	−16·918	0·95	46.10529	9·6
...	53·955	− 1·141	− 5	*e*	...
...	54·108	+32·651	0·90	...	...
*	54·438	−39·795	1·00	...	...
...	54·441	+ 6·142	− 2	...	...
...	+55·054	−47·830	− 2	...	...
*	56·123	+ 4·901	0·90	...	...
†	57·101	+14·971	− 5	...	...
S *	57·407	−40·130	1·25	46.10530	9·2
...	58·013	− 9·373	− 4	...	...
221					
*	+59·496	+26·062	1·20	45.10415	9·2
...	59·507	−26·593	− 1	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
1–10					
1					
‡	−60′057	−52′729	2·00	47. 9972	8·0
...	59·267	+13·792	0·70	...	...
*	58·029	+39·395	1·00	45.10413	9·6
...	57·714	+43·738	0·85	...	...
...	57·588	−42·734	− 4	...	...
...	−57·371	+59·468	1·00	45.10414	9·6
...	57·037	+23·891	− 3	...	...
...	56·360	−36·491	− 5	E	...
...	55·972	−33·735	− 1	...	...
...	54·234	+ 9·293	− 4	E	...
11–20					
11					
*	−53′647	− 2′432	0·90	...	...
...	52·670	+ 3·693	− 1	...	...
...	52·603	−27·543	0·80	...	...
...	52·010	+10·351	− 4	...	...
*	51·157	+32·689	0·90	...	...
...	−51·030	−19·321	0·75	...	...
*	50·739	−16·881	1·00	46.10529	9·6
†	50·218	− 1·080	− 4	E	...
...	49·998	+ 6·197	− 2	...	...
...	48·535	−39·718	0·90	...	...
21–30					
21					
‡	−48′258	+ 5′035	0·80	...	...
...	47·670	−47·718	− 2	...	...
...	47·604	+15·117	− 4	...	...
...	45·929	− 9·186	− 4	...	...
*	45·571	+26·282	1·20	45.10415	9·2
S*	−45·557	−39·939	1·20	46.10530	9·2
...	44·160	− 9·694	− 1	...	...
...	43·897	−26·352	− 1	...	...
...	42·939	−31·191	− 2	...	...
S*	42·711	+32·301	2·40	45.10416	7·9

Measured by M.C.; Standards by M.C. and C.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
31–90					
31				°	
...	−40′899	+56′863	0·80	...	...
...	40·594	−30·094	− 2	...	...
*	39·906	+44·595	1·00	...	...
*	39·858	+30·515	1·00	45.10417	9·6
...	37·776	+18·597	− 1	...	...
...	−37·603	− 9·658	− 3	...	...
...	37·387	−39·201	0·80	...	...
...	34·624	−32·032	− 1	...	...
...	33·540	−14·852	− 3	...	...
...	33·489	+40·564	0·80	...	...
41					
...	−33·266	−38·709	0·70	...	...
...	32·442	− 5·770	− 2	...	...
...	31·715	−42·928	− 4	...	...
...	31·582	+58·229	− 5	M	...
...	31·017	−32·820	0·65	...	...
...	−31·006	+15·291	− 5	...	...
†	30·291	−46·446	− 3	...	...
...	30·097	+57·494	− 3	...	...
...	29·868	−19·217	− 4	M	...
...	29·764	+19·914	− 4	...	...
51					
...	−29·666	+14·232	− 2	...	...
...	29·087	+34·557	− 5	B	...
...	28·672	+39·144	− 4	...	...
*	28·464	−52·748	0·95	47. 9982	9·6
...	28·400	−20·239	0·80	...	...
...	−28·230	− 5·851	0·90	...	...
...	27·881	+38·891	− 3	...	...
...	27·621	−15·307	0·80	...	...
*	27·287	−31·431	1·00	46.10531	9·4
...	24·818	− 9·691	− 3	...	...
61					
...	−24·040	+43·919	− 4	...	...
S*	23·729	−10·252	1·10	46.10532	9·5
*	23·610	−58·395	0·90	...	...
S*	21·994	−35·581	1·00	46.10533	9·6
...	21·660	−23·690	0·70	...	...
†	−20·158	+ 5·072	− 5	...	...
...	20·006	− 0·023	− 1	α	...
...	19·660	−49·260	− 4	...	...
...	19·383	−48·094	− 4	...	...
...	18·605	− 2·101	0·80	...	...
71					
...	−17·995	−37·434	− 3	...	...
...	17·401	+40·825	− 1	...	...
...	17·079	−34·479	− 3	...	...
...	16·925	−10·478	− 4	A	...
*	16·915	+ 5·615	0·90	46.10534	9·6
...	−15·406	+25·528	− 3	...	...
...	14·440	+53·801	− 1	...	...
...	14·329	−18·245	− 4	A	...
*	14·230	−11·947	1·00	...	...
*	14·129	− 1·319	1·10	46.10535	9·6
81					
...	−14·033	−59·252	− 2	...	...
...	13·763	−50·828	− 5	M	...
*	13·281	+46·121	0·90	...	...
†	12·433	−19·916	− 3	...	...
...	12·082	−14·421	0·85	...	...
...	−11·832	+37·946	− 2	...	...
...	11·671	−56·154	− 4	A	...
...	11·652	+28·991	− 3	...	...
...	11·474	+ 5·440	− 2	...	...
S*	11·160	+17·901	1·90	45.10418	8·4
91–150					
91				°	
...	− 9·345	+26′888	0·65	...	...
*	8·189	+28·365	0·90	45.10419	9·6
...	8·011	−34·206	− 4	...	...
...	6·271	+ 5·933	− 5	M *m*	...
N*n*	5·487	+56·187	1·00	45.10420	9·4
*	− 4·136	+21·279	1·60	45.10422	8·8
...	4·076	+56·013	− 5	A *m*	...
...	3·085	−35·440	− 4	A *m*	...
...	3·079	+20·255	− 2	...	...
...	2·631	−40·886	− 5	A *m*	...
101					
...	− 2·561	+43·254	− 3	...	...
...	2·047	+16·100	0·90	45.10423	9·9
...	1·344	+59·325	− 5	...	...
...	0·846	−23·695	− 3	...	...
*	0·807	−52·002	1·00	47. 9989	9·6
...	− 0·719	+54·631	0·70	...	...
*	0·712	+ 1·758	1·50	46.10536	9·0
...	0·694	+44·922	− 3	...	...
...	0·558	+55·268	− 5	*m*	...
...	− 0·038	−40·096	0·80	...	...
111					
...	+ 0·226	−35·764	− 4	...	...
*	0·447	−38·349	1·20	46.10537	9·2
...	1·166	+41·736	− 3	...	...
...	1·176	−26·859	− 1	...	...
...	1·384	− 9·507	− 4	...	...
...	+ 1·482	−27·754	− 5	M *m*	...
...	2·359	−18·746	0·70	...	...
...	2·445	+46·778	− 3	...	...
...	2·637	−45·623	− 3	M	...
...	2·705	−26·091	− 4	M *a*	...
121					
...	+ 3·100	−17·543	0·80	...	...
...	4·286	−33·321	0·70	...	...
...	4·897	+38·014	− 3	...	...
...	6·199	+28·277	− 5	M	...
...	7·011	+42·845	− 5	*b*	...
...	+ 7·315	+54·068	− 5	...	...
S *	7·843	− 8·213	1·25	46.10538	9·6
...	8·019	−27·849	− 2	...	...
*	8·671	+41·695	0·95	45.10424	9·9
...	9·150	+49·127	− 2	...	...
131					
...	+ 9·423	−14·235	− 2	...	...
S *	10·425	−41·743	1·50	46.10539	8·8
...	10·810	−43·296	− 3	...	...
...	12·044	−40·656	− 4	*a*	...
...	12·085	−35·078	− 5	*m*	...
...	+12·201	+49·506	− 3	...	...
...	12·227	+29·551	− 4	...	...
*	12·238	−35·266	0·90	...	...
...	12·499	+58·652	− 5	...	...
...	12·804	−37·576	− 3	...	...
141					
...	+12·947	−38·915	0·75	...	...
...	13·401	−26·846	− 3	...	...
...	14·398	+28·761	− 5	...	...
...	16·090	−36·799	− 4	...	...
...	16·302	−21·310	− 3	...	...
*	+16·684	−28·388	1·00	46.10540	9·9
...	17·633	+36·134	− 5	α	...
...	17·665	− 2·393	0·65	...	...
...	17·879	− 1·764	0·75	...	...
...	18·531	+28·544	− 4	...	...
151–210					
151				°	
...	+18′889	+38′382	− 2	...	...
...	19·025	−34·495	− 1	...	...
...	19·414	−38·264	− 4	*m*	...
*	20·526	−27·394	1·00	46.10541	9·7
...	21·310	−22·408	− 5	*m*	...
...	+21·369	+25·725	− 5	*m*	...
...	21·625	+40·483	− 4	*b*	...
...	22·057	− 3·591	− 4	*m*	...
...	22·363	− 3·282	− 5	*m*	...
...	22·369	−51·863	− 5	*m*	...
161					
†	+22·629	+35·007	− 3	...	...
...	24·200	+34·635	− 3	...	...
...	24·785	−18·169	− 4	*m*	...
...	24·933	−27·606	− 3	*a*	...
...	25·943	−37·192	− 1	...	...
...	+26·403	−35·731	0·75	...	...
...	27·181	+47·915	− 5	*b*	...
...	27·241	+ 2·560	− 1	...	...
...	27·933	+58·130	− 3	...	...
...	28·066	+ 4·476	− 3	...	...
171					
...	+28·760	+41·236	− 5	*b*	...
†	29·653	−37·053	0·65	...	...
...	29·655	+ 8·305	− 1	...	...
*	29·661	+59·691	1·80	45.10426	8·8
...	30·129	−49·024	− 4	*a*	...
...	+30·439	+57·273	− 1	...	...
...	30·851	+57·828	− 4	...	...
*	32·123	+51·636	1·00	45.10427	9·7
...	32·681	+24·757	− 5	*m*	...
...	32·861	+59·585	− 5	*a*	...
181					
...	+34·193	− 5·115	− 2	...	...
...	34·404	+24·124	0·75	...	...
...	34·477	−31·784	− 1	...	...
...	35·145	+ 1·633	− 5	*m*	...
...	35·194	+ 9·126	− 5	*m*	...
...	+36·330	+44·102	0·70	...	...
...	37·054	+51·071	− 5	*a*	...
S*	37·737	+56·877	3·10	45.10428	7·1
...	38·184	−46·062	− 5	*m*	...
...	39·471	+ 6·962	− 5	*m*	...
191					
...	+40·633	−10·386	− 1	...	...
...	41·464	−23·014	− 1	...	...
...	41·586	+ 8·900	− 5	*m*	...
...	43·438	−36·587	− 4	*e*	...
...	43·467	+15·980	− 5	*m*	...
...	+43·888	+28·260	− 3	...	...
S*	44·129	−12·679	1·30	46.10542	9·4
...	44·180	+22·732	− 5	*m*	...
S*	45·194	−26·885	2·65	46.10543	7·4
*	45·382	+ 1·901	0·90	...	..
201					
*	+45·884	−14·087	1·00	46.10544	9·8
...	45·905	−23·320	− 3	...	...
...	46.579	− 2·918	− 5	*e*	...
...	47·189	−29·735	− 3	...	...
...	47.597	+53·498	0·85	...	...
...	+47·984	+28·932	− 5	*e*	...
...	48·021	−17·681	− 2	...	...
...	48·286	+45·691	− 4	...	...
...	48·379	+ 4·832	− 3	*e*	...
...	48·397	−25·379	− 5	*e*	...

95. Mass. 45°·140, 45°·141, two stars. C.P.D., brighter star.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
211–220					
211					
...	+49′786	−11′450	− 2	...	...
...	50·187	−42·191	− 5	*e*	...
...	50·705	−13·638	0·75	...	...
...	51·533	− 3·584	0·70	...	...
...	53·751	− 1·296	− 5	*e*	...
*	+55·220	+34·653	1·00	45.10429	9·8
...	55·572	−39·390	− 5	...	...
...	55·847	−54·221	− 5	...	...
...	57·101	+16·558	− 4	*e*	...
*	58·792	−15·061	0·95	46.10545	9·9

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
221–222					
221					
...	+58′874	+19′679	0·80	...	...
†	59·447	−10·390	− 3	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. ...	C.P.D. No.	C.P.D. Mag.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
1–40					
1					
S *	−59′710	−12′928	1·30	46.10542	9·4
...	59·648	−36·857	− 5	E	...
*	58·895	+ 1·688	1·00	...	...
...	58·314	+53·322	− 1	...	...
S *	58·161	−27·095	2·60	46.10543	7·4
*	−57·898	−14·274	1·00	46.10544	9·8
...	57·585	−23·500	− 3	...	...
...	57·553	− 3·096	− 5	E	...
...	57·380	+45·548	− 5	...	...
...	57·163	+28·770	− 5	E	...
11					
†	−56·107	−29·873	− 4	...	...
...	56·092	−17·944	− 5	M	...
...	55·990	+ 4·707	− 4	E	...
...	55·648	−17·801	− 3	...	...
...	55·041	−25·495	− 4	E	...
...	−54·076	−11·524	− 3	...	...
...	53·802	−16 297	− 5	M	...
...	53·101	−13·683	0·95	...	...
...	52·711	−42·232	− 5	E	...
...	52·586	− 3·607	0·85	...	...
21					
...	−50·435	− 1·243	− 5	E	...
*	50·084	+34·725	1·00	45.10429	9·8
...	48·975	−35·222	− 5	M	...
...	47·658	+16·716	− 5	E	...
...	47·437	−39·260	− 3	...	...
...	−46·697	−54·079	− 3	...	...
‡	45·982	+19·862	0·95	...	...
...	45·965	−54·654	− 5	M	...
*	44·985	−14·851	1·00	46.10545	9·9
...	44·983	−39·663	− 5	M	...
31					
...	−44·959	+27·770	− 3	...	...
...	44·514	− 3·272	− 3	...	...
...	44·462	−10·166	− 3	...	...
...	44·267	−35·062	− 5	M	...
...	42·838	+47·977	− 5	...	...
...	−42·717	−20·190	− 5	M	...
...	42·565	+56·601	− 3	...	...
...	42·518	+49·389	− 3	...	...
*	41·981	−34·169	1·00	46.10546	9·9
S *	41·979	+36·047	3·50	45.10431	6·7

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
41–80					
41					
...	−40′468	− 6′718	− 4	M	...
*	38·842	+37·248	1·20	45.10432	9·4
*	37·003	− 4·475	2·00	46.10547	7·7
*	36·801	−10·401	1·00	46.10548	9·8
...	35·825	−27·481	0·90	...	...
S ‡	−35·187	−42·823	1·40	46.10549	8·8
*	34·998	+28·469	1·00	45.10434	9·9
...	34·759	−42·988	− 5	M	...
...	34·333	−53·979	− 3	...	...
...	33·148	−56·441	− 5	M	...
51					
...	−32·961	+20·737	− 5	M	...
...	32·444	−48·938	− 5	M	...
*	32·340	− 9·677	1·40	46.10550	9·0
...	32·298	+22·346	− 5	M	...
...	31·817	−13·574	− 5	M	...
†	−30·195	+ 0·730	− 5	...	...
...	30·148	−35·622	− 5	M	...
*	29·946	+ 6·870	2·10	46.10551	8·2
...	29·416	−16·808	− 4	...	...
...	28·912	+19·729	− 5	...	...
61					
S *	−28·773	+19·454	3·75	45.10435	6·6
...	27·151	−27·448	− 5	M	...
...	26·968	−53·883	0·70	...	...
*	26·911	− 5·993	1·60	46.10552	8·4
...	26·858	− 0·779	− 5	M	...
...	−26·213	− 5·759	− 5	M	...
*	25·699	+38·744	1·00	45.10436	9·8
...	25·628	−25·068	− 5	M	...
...	25·539	−52·891	− 4	M	...
†	25·266	−33·988	− 4	...	...
71					
*	−24·942	+49·649	1·20	45.10437	9·2
...	23·946	+ 2·612	− 5	M	...
...	23·650	+27·886	0·90	...	...
...	23·152	−10·158	− 4	M	...
...	22·502	− 7·742	− 4	M	...
...	−21·713	−53·805	− 5	M	...
...	21·604	+15·486	− 5	M	...
...	21·464	+10·765	− 3	...	...
...	21·303	−33·810	− 3	...	...
...	20·931	+21·059	− 3	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −3.	C.P.D. No.	C.P.D. Mag.
81–120					
81					
...	−19′616	+48′846	− 5	M	...
...	17·188	−25·621	− 5	M	...
...	17·166	−56·872	− 2	...	...
...	16·816	−43·315	− 4	M	...
...	16·516	+35·707	0·80	45.10438	9·9
S *	−16·434	−12·111	2·00	46.10553	8·4
α	16·245	+ 0·214	0·95	46.10554	9·9
*	16·133	+23·821	1·05	45.10439	9·4
*	14·794	+12·267	1·00	45.10440	9·8
...	14·109	+40·959	0·85	...	...
91					
...	−13·119	+11·293	− 5	M	...
...	12·339	−33·311	− 2	...	...
...	12·052	+ 2·465	− 5	M	...
...	11·537	+ 3·269	− 5	M	...
...	11·054	−43·174	0·80	...	...
...	−10·861	− 5·980	− 3	...	...
*	10·515	−30·234	1·05	46.10555	9·8
...	10·108	+48·144	− 5	M	...
...	8·660	+25·940	0·85	...	...
...	8·439	−33·716	− 3	A	...
101					
...	− 8·271	−23·968	− 5	M	...
...	7·481	− 6·183	− 5	M *m*	...
...	7·446	−23·228	− 5	M *m*	...
...	7·371	+21·022	− 5	M *m*	...
...	7·250	+10·761	0·90	...	...
...	− 6·549	−14·146	0·85	...	...
...	6·455	−39·021	0·95	...	...
...	5·972	+51·564	− 5	*m*	...
*	5·811	−16 180	1·00	...	...
...	5·453	+21·123	− 5	M *m*	...
111					
*	− 5·426	−57·497	1·00	47.10010	9·9
...	4·965	+22·984	− 5	M *m*	...
*	4·516	+ 1·954	1·00	46.10556	9·9
...	4·342	−46·508	− 5	M *m*	...
...	3·328	+ 9·734	− 5	M *m*	...
...	− 3·227	+17·303	− 5	M *m*	...
...	3·180	+ 4·178	− 5	M *m*	...
...	2·434	−29·673	− 5	M *m*	...
...	2·157	+38·832	− 3	M *m*	...
*	1·951	−21·912	1·00	46.10557	9·7

L measured from 1, 81, 175.
C ,, ,, 42, 124, 223.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
121–170					
121					
...	− 1·841	+ 8·712	− 4	M m	...
...	1·022	+17·688	0·90	...	...
...	− 0·636	−23·927	0·80	...	...
*	+ 0·079	+ 2·489	1·00	46.10558	9·8
*	0·742	+22·438	1·00	45.10441	9·9
...	+ 1·084	−35·489	− 2	m	...
...	1·298	+48·065	− 4	...	...
*	1·320	− 9·393	1·05	46.10559	9·6
...	1·677	+22·645	− 4	M	...
*	2·123	+55·048	1·20	45.10442	9·2
131					
...	+ 2·150	−13·356	− 5	M m	...
...	3·084	+15·783	− 3	m	...
...	3·108	−41·900	− 5	M m	...
...	3·433	− 3·452	− 4	M	...
...	3·515	−11·124	− 5	M m	...
...	+ 3·693	+27·528	− 5	M m	...
...	3·825	+55·302	− 5	...	...
...	3·861	+41·136	− 5	M m	...
‡	4·663	+39·373	1·20	45.10443	9·4
...	5·103	+17·962	− 4	M	...
141					
*	+ 5·282	−42·505	1·20	46.10560	9·4
...	5·362	− 1·859	− 5	M m	...
...	6·806	+ 5·886	0·65	m	...
*:	8·043	−56·666	1·60	47.10015	8·8
...	9·018	+ 9·483	0·70	...	...
...	+ 9·231	+18·751	− 4	...	...
...	9·935	+43·177	− 5	m	...
*	10·386	− 4·276	1·30	46.10561	9·2
*	10·448	+18·621	1·00	45.10444	9·8
...	10·897	−15·015	− 3	...	...
151					
*	+11·348	+30·909	1·00	45.10445	9·8
*	11·482	+14·440	1·00	45.10446	9·9
...	11·545	−26·679	− 3	...	...
S *	12·359	+33·241	3·55	45.10447	7·0
...	12·720	+20·426	0·90	...	...
...	+12·782	−30·423	− 5	m	...
...	12·846	+42·142	− 5	m	...
*	13·570	−39·144	1·00	46.10562	9·8
...	13·964	−30·352	− 5	...	...
...	14·267	−10·445	− 1	...	...
161					
...	+14·304	+46·156	− 5	m	...
...	14·766	+ 2·052	− 4	m	...
...	14·913	−36·457	− 5	m	...
...	15·379	+29·769	− 5	m	...
...	15·539	+25·505	− 5	m	...
...	+16·494	− 0·147	− 5	m	...
...	16·924	+ 2·765	− 5	m	...
...	17·008	+34·228	− 3	...	...
...	17·050	+43·869	0·90	...	...
...	17·664	+42·575	− 5	m	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
171–220					
171					
...	+18·674	+ 3·912	− 2	...	...
...	19·084	+30·313	− 3	...	...
...	19·323	+27·073	− 5	m	...
S *	19·432	− 1·498	1·35	46.10563	9·0
...	19·945	−23·263	0·90	...	...
...	+20·119	−48·497	− 3	...	...
...	20·327	− 9·164	0·75	...	...
...	21·390	+28·383	0·90	...	...
...	21·439	+35·251	− 4	...	...
...	21·450	−50·115	− 4	m	...
181					
S *	+21·916	−50·735	1·35	46.10564	8·8
*	23·085	+30·842	1·25	45.10448	9·2
*	24·405	−24·753	1·00	46.10565	9·7
†	24·659	+44·588	− 5	m	...
...	24·665	+48·239	1·00	45.10449	9·9
*	+24·731	+16·030	1·00	45.10450	9·9
...	24·988	+ 2·809	− 5	m	...
...	25·115	−46·448	0·95	...	...
*	25·625	− 7·427	2·00	46.10566	8·5
*	25·700	− 2·834	6·00	46.10567	4·9
191					
...	+27·707	−29·657	− 5	m	...
...	27·964	−43·525	0·75	...	...
*	28·168	+16·757	1·00	45.10451	9·9
...	28·644	+ 3·398	0·85	...	...
...	29·005	−45·533	− 4	...	...
*	+29·102	−15·256	0·90	46.10568	9·9
*	29·258	+11·470	1·00	45.10452	9·9
*	29·466	−46·153	1·20	46.10569	9·4
...	31·005	−45·983	− 5	m	...
...	31·574	−12·682	0·80	...	...
201					
...	+32·069	−53·577	− 5	m	...
*	32·145	+10·863	1·20	45.10453	9·0
...	32·178	+14·525	0·70	...	...
...	32·235	+44·305	− 5	m	...
...	32·281	−54·156	− 5	m	...
...	+32·718	+14·242	0·80	...	...
...	32·788	+10·279	− 5	m	...
*	32·797	−57·192	1·20	47.10020	9·2
...	33·020	−52·871	− 5	m	...
...	33·103	+51·093	− 4	m	...
211					
...	+33·134	+10·125	− 1	...	...
...	33·311	+10·936	− 5	m	...
*	35·253	+11·497	1·90	45.10454	8·5
...	35·476	−31·362	0·80	...	...
...	35·769	−36·417	0·90	...	...
...	+36·659	−23·552	− 3	a	...
S *	36·928	−10·135	3·00	46.10570	7·2
...	38·076	+16·815	− 2	a	...
*	38·200	+ 2·517	1·00	46.10571	9·6
...	38·347	+58·676	− 5	...	...

Notes.	Co-ordinates. x	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
221–259					
221					
...	+38·363	−52·841	− 4	...	...
...	38·589	−10·035	− 3	...	...
...	40·075	−46·001	0·75	...	...
...	41·042	−44·114	− 3	...	...
...	41·651	−17·203	0·70	...	...
...	+41·798	+38·173	− 5	m	...
...	42·032	+32·685	− 5	m	...
...	42·077	+15·226	− 5	m	...
*	42·306	+21·764	1·00	...	...
...	42·316	+25·088	0·70	...	...
231					
*	+42·422	−16·176	1·10	46.10572	9·6
...	42·557	−45·449	− 5	m	...
...	42·981	−55·545	− 5	m	...
...	43·360	− 8·442	− 4	...	...
*	43·644	−53·094	1·60	47.10024	8·8
...	+44·247	−24·383	0·80	...	...
...	44·318	+30·238	− 5	m	...
...	44·436	+12·668	− 4	e	...
S ‡	44·540	+28·105	1·30	45.10455	9·0
...	46·860	+17·616	− 5	e	...
241					
...	+47·098	−27·995	− 5	e	...
*	49·006	+31·241	1·00	45.10456	9·9
...	49·242	−36·260	− 3	...	...
...	49·344	+11·953	− 4	e	...
...	50·605	+20·306	− 4	e	...
*	+50·632	+23·779	1·20	45.10457	9·0
...	51·925	+49·659	− 5	...	...
...	52·541	+30·860	− 4	...	...
...	52·622	−35·702	− 1	e	...
...	52·730	−56·385	− 5	e	...
251					
...	+52·903	−52·749	− 3	...	...
...	53·319	+28·464	− 1	...	...
...	53·574	− 5·660	− 5	m	...
...	53·866	−56·960	− 5	m	...
†	54·617	−42·304	0·95	...	...
...	+55·373	−19·833	− 3	...	...
...	56·814	+43·744	− 1	...	...
...	58·591	−50·121	1·00	46.10573	9·9
S ‡	59·215	+39·976	1·15	45.10458	9·2

Notes.	Co ordinates. x.	Co ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
	1–60				
1				°	
†	−60·190	+12·412	− 4	E	...
...	59·218	−24·619	0·90	...	...
*	58·905	−53·353	2·00	47.10024	8·8
...	57·913	+17·432	− 5	E	...
...	56·689	+49·230	− 3	M	...
...	−56·259	−28·138	− 5	E	...
*	56·202	+31·133	1·10	45.10456	9·9
†	55·260	+11·858	0·65	E	...
*	54·351	+23·721	1·60	45.10457	9·0
...	54·249	+20·253	0·65	E	...
11					
...	−53·848	+49·623	− 1	...	...
...	53·842	−36·340	− 3	...	...
...	52·654	+30·861	− 4	...	...
...	52·187	−48·875	− 5	M	...
...	51·801	+28·481	0·75	...	...
...	−50·467	−35·668	0·65	E	...
...	49·742	−56·360	− 5	E	...
...	49·657	−52·717	− 2	...	...
...	48·783	+43·870	1·00	...	...
*	48·289	−42·217	1·10	...	...
21					
...	−48·224	−19·732	0·65	...	...
...	48·005	−38·423	− 5	M	...
S *	46·283	+40·177	1·50	45.10458	9·2
...	44·685	+47·309	− 1	...	...
...	44·393	−25·412	− 5	M	...
‡	−44·072	−49·891	1·05	46.10573	9·9
...	43·511	+24·258	0·75	...	...
*	41·675	+44·403	1·05	45.10459	9·8
...	40·908	−32·981	− 5	M	...
...	40·786	−56·343	− 5	M	...
31					
...	−39·523	+24·649	0·70	...	...
...	38·232	−18·433	− 3	M	...
*	38·051	−29·165	1·10	46.10574	9·8
...	37·224	+37·369	0·70	...	...
...	37·087	−20·095	− 5	M	...
...	−36·674	− 7·810	− 3	...	...
...	36·399	+ 2·538	− 4	M	...
*	36·054	−48·343	1·00	...	...
...	35·989	+ 8·937	− 5	M	...
...	35·867	+30·949	− 5	M	...
41					
...	−35·056	+45·893	0·75	...	...
...	33·392	−39·644	− 5	M	...
...	32·401	−15·815	0·80	...	...
...	32·079	+10·516	0·75	...	...
*	31·723	−52·441	1·20	47.10028	9·9
*	−30·847	−17·385	1·15	46.10575	9·8
†	30·160	−42·056	− 5	M	...
...	29·511	+ 3·865	− 5	M	...
...	29·047	+26·766	− 5	M	...
...	28·715	+40·787	− 5	M	...
51					
*	−28·486	−56·193	1·50	47.10029	9·0
...	27·436	+ 1·838	− 4	...	...
...	27·257	−39·665	− 4	M	...
...	27·128	−58·814	− 4	...	...
...	24·440	+14·067	− 4	M	...
...	−23·800	+30·791	0·70	...	...
...	23·226	−52·746	0·65	...	...
S *	22·794	−52·114	3·40	47.10031	6·7
...	22·720	+33·729	− 3	...	...
...	21·551	+51.790	0·85	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
	61–120				
61				°	
*	−21·268	+17·162	2·60	45.10461	8·0
...	20·687	−43·251	− 5	M	...
...	20·151	+21·269	0·90	...	...
...	19·604	−15·138	− 5	...	...
...	19·436	+15·897	− 1	...	...
*	−18·823	+ 6·807	1·10	46.10576	9·8
*	18·469	−18·068	1·60	46·10577	9·2
...	17·429	−48·593	− 5	M	...
...	17·077	− 9·636	− 2	...	...
*	15·948	−28·683	1·30	46.10578	9·4
71					
...	−15·258	+26·850	− 4	...	...
S *	14·783	− 0·990	3·60	46.10579	7·6
...	14·435	+32·024	− 5	M	...
...	14·140	−56·139	0·85	...	...
S *	14·000	+21·668	4·00	45.10462	6·8
...	−12·929	−45·175	− 4	...	...
*	12·697	+ 9·390	1·00	45.10463	9·9
...	11·918	−41·859	− 1	...	...
...	11·784	+25·216	− 3	...	...
...	11·641	−23·547	− 4	...	...
81					
...	−11·372	+ 8·684	0·90	45.10464	9·9
...	11·285	− 4·480	− 5	M	...
...	11·263	−48·696	− 1	...	...
...	10·514	+21·194	− 5	...	...
‡	10·427	+59·640	1·40	45.10465	9·2
...	− 7·705	−25·275	− 5	*m*	...
...	6·653	+ 8·793	0·70	...	...
N ‡ [	5·418	+11·913	2·20	45.10467	8·2
...	4·899	+ 7·914	− 5	M *m*	...
...	4·834	+45·553	− 5	*m*	...
91					
...	− 3·715	−11·583	0·95	46.10580	9·8
...	3·695	+30·118	0·80	...	...
...	3·227	+ 3·988	0·70	...	...
...	2·877	−45·738	− 3	...	...
...	2·847	+38·333	0·70	...	...
...	− 2·791	−55·423	− 5	...	...
...	2·636	−34·536	− 4	...	...
...	− 1·650	+ 6·981	0·70	...	...
...	+ 0·325	− 5·653	0·70	...	...
*	0·661	+26·028	1·00	45.10468	9·7
101					
...	+ 2·591	−45·791	− 4	M *m*	...
...	2·751	+15·585	− 5	*m*	...
...	2·989	−55·086	− 5	M *m*	...
...	3·397	− 8·904	− 2	...	...
...	3·525	−51·570	− 5	M *m*	...
...	+ 3·547	−43·705	− 5	M *m*	...
...	3·852	+58·336	− 5	M *m*	...
S *	4·817	+47·728	1·70	45.10469	8·8
...	4·928	+47·644	0·85	...	...
...	5·143	−19·418	− 5	M *m*	...
111					
...	+ 5·548	+14·535	0·85	...	...
S *	5·671	−26·966	2·30	46.10581	8·4
...	5·858	+20·341	− 5	M *m*	...
...	6·454	−38·847	0·75	...	...
*	8·047	+20·343	1·05	45.10470	9·8
...	+ 9·142	+52·169	− 5	*m*	...
...	10·927	−14·273	− 2	...	...
*	11·403	−53·197	1·60	47.10037	9·2
*	12·158	+41·656	1·10	45.10471	9·4
...	12·299	−53·335	− 5	*m*	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
	121–180				
121				°	
...	+12·366	+35·965	− 1	...	...
...	12·583	+31·197	0·65	...	...
...	12·832	+32·716	0·85	...	...
...	13·190	− 3·753	− 5	*m*	...
*	13·372	+36·953	2·80	45.10473	7·7
...	+13·488	−21·038	0·70	...	...
...	14·324	+ 1·269	− 5	*m*	...
...	14·377	− 6·415	− 4	*m*	...
S *	15·245	+23·197	2·50	45.10474	8·2
...	15·581	+ 1·389	− 1	...	...
131					
...	+16·045	−30·347	− 1	...	...
...	16·561	+12·129	− 5	*m*	...
...	16·679	−21·837	0·65	...	...
...	16·886	− 7·833	0·70	...	...
...	17·147	−56·001	0·70	...	...
...	+17·437	−30·455	− 5	*m*	...
*	18·825	+39·237	1·60	45.10475	9·2
...	19·194	−22·214	0·65	...	...
...	19·215	+34·896	− 5	*m*	...
...	20·055	+21·695	− 5	*m*	...
141					
...	+20·095	−57·647	− 3	*m*	...
...	20·394	−47·263	− 5	*m*	...
...	20·446	+39·091	− 3	...	...
...	20·662	−11·245	− 5	*m*	...
...	20·741	−53·218	− 1	...	...
...	+21·007	+ 4·225	− 5	*m*	...
...	22·115	+32·256	− 2	...	...
...	22·483	− 9·044	0·80	...	...
...	22·549	−52·012	− 5	*m*	...
...	22·942	−29·334	0·70	...	...
151					
...	+23·219	+11·050	− 5	*m*	...
...	23·589	+22·445	0·80	...	...
S *	24·263	+ 6·854	2·50	46.10582	7·9
‡	24·615	−19·578	1·40	46.10583	9·2
... [	24·977	+49·734	0·80	...	...
...	+25·072	−47·538	− 4	*m*	...
...	25·680	−22·920	− 5	*m*	...
...	26·039	−56·952	− 1	...	...
...	27·324	+33·389	0·90	...	...
...	27·382	+16·837	0·70	...	...
161					
...	+27·540	−25·456	− 5	*m*	...
...	27·574	−33·919	0·65	...	...
...	27·860	+40·503	− 1	...	...
...	28·080	−41·776	− 5	*m*	...
...	28·668	+58·408	− 5	*m*	...
*	+28·869	+ 0·361	0·90	...	...
...	30·898	+33·775	− 3	...	...
*	31·406	+ 0·303	1·00	...	...
...	31·832	+32·885	− 4	*m*	...
...	32·197	−57·232	0·90	...	...
171					
...	+32·341	−54·293	0·80	...	...
...	32·353	−48·233	− 3	...	...
...	33·337	−48·394	− 5	*m*	...
*	33·600	−20·158	1·05	46.10585	9·6
...	33·655	−55·351	− 4	...	...
*	+33·656	−23·665	1·20	46.10584	9·2
...	33·970	+36·999	− 4	*m*	...
...	34·014	+ 2·487	− 5	*m*	...
...	34·200	−15·816	− 3	...	...
*	34·317	−31·993	1·20	46.10586	9·4

NM measured from 1, 99.
C ,, ,, 47, 167.

88. Mass.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
181–200					
181	′	′	°		
α *	+34·858	− 0·197	1·10	46.10587	9·9
...	35·043	+47·817	− 4	...	...
...	35·319	+ 8·438	0·80	...	...
...	35·417	−46·611	0·65	...	...
*	35·888	−26·488	1·00	...	...
...	+36·810	+29·833	− 4	*m*	...
...	36·959	+24·019	− 2	...	...
...	37·481	+31·015	− 5	*m*	...
...	37·729	−11·324	− 4	...	...
...	38·731	+36·760	0·80	...	...
191					
*	+39·204	+26·061	1·60	45.10476	9·0
...	39·221	+38·403	− 1	...	...
†	39·551	+36·399	− 4	*m*	...
...	41·026	+40·990	− 5	*m*	...
*	41·138	+33·243	1·00	45.10477	9·9
*	+42·014	−13·707	1·00	46.10588	9·9
*	42·631	−24·343	1·30	46.10589	9·4
...	43·654	+15·213	− 5	*m*	...
...	43·995	+44·121	− 2	...	...
‡	44·121	+50·017	1·20	45.10478	9·6

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
201–220					
201	′	′	°		
†	+44·671	−57·808	− 4	...	...
S *	45·168	−23·237	1·15	46.10590	9·6
S *	45·525	+49·036	1·20	45.10479	9·7
...	45·894	+47·546	− 4	...	...
...	46·440	+53·590	− 5	*m*	...
...	+46·775	−46·061	− 5	*m*	...
...	46·862	+56·943	− 4	...	...
‡	47·425	−39·706	1·20	46.10591	9·7
...	48·125	+40·457	− 4	*e*	...
...	48·714	−51·730	− 5	*m*	...
211					
...	+50·342	−13·980	− 5	*e*	...
...	50·933	+43·620	− 3	...	...
...	51·933	+39·150	1·10	...	...
...	51·935	+34·906	0·90	...	...
...	52·745	−59·050	0·90	...	...
...	+54·326	+56·072	− 4	...	...
*	55·593	−30·915	1·20	46.10592	9·6
...	55·887	−12·169	− 3	*e*	...
...	56·928	+35·897	− 3	...	...
...	57·703	+52·963	− 1	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −1.	C.P.D. No.	C.P.D. Mag.
221–222					
221	′	′	°		
...	+58·328	−51·864	− 4	...	...
...	58·849	+ 8·785	− 4	...	...

1–30					
1	′	′		°	
...	−59·842	+47·341	− 5	...	...
...	59·183	+56·784	− 4	...	...
S *	58·319	−23·441	1·05	46.10590	9·6
...	57·743	−57·998	− 5	...	...
...	57·367	+40·318	− 4	E	...
...	−57·201	−10·402	− 5	M	...
*	55·543	−39·827	1·00	46.10591	9·7
...	54·686	+43·568	− 3	...	...
...	54·492	−13·368	− 5	M	...
*	53·526	+39·127	1·00	...	...
11					
...	−53·465	−14·033	− 5	E	...
†	53·417	+34·883	0·90	...	...
...	52·295	−25·241	− 5	M	...
...	51·686	+56·115	− 4	...	...
...	49·600	−58·989	− 1	...	...
...	−48·664	−52·505	− 5	M	...
...	48·440	+36·043	− 3	...	...
...	48·216	+53·116	− 1	...	...
...	47·958	−12·037	− 4	E	...
*	47·657	−30·776	1·10	46.10592	9·6
21					
...	−45·665	+ 9·004	− 5	...	...
...	45·590	+47·111	− 4	...	...
...	45·398	+46·328	0·85	...	...
...	44·866	+28·799	− 5	...	...
...	44·803	+24·516	0·65	...	...
...	−44·560	+56·348	− 5	...	...
...	44·279	−51·632	− 4	...	...
...	43·716	+ 4·361	− 3	...	...
...	43·086	−19·242	− 5	...	...
...	42·612	+18·372	− 5	M	...

31–60					
31	′	′		°	
...	−42·519	+52·745	− 5	...	...
...	41·709	+29·992	− 5	M	...
...	41·694	+ 8·667	− 5	M	...
*	41·251	−15·610	1·05	46.10593	9·4
...	41·247	+12·119	0·90	...	...
...	−41·163	−16·903	− 5	M	...
...	40·825	+ 4·221	− 4	M	...
‡	40·154	−35·659	1·00	46.10594	9·9
...	39·968	+ 7·427	− 2	...	...
†	39·867	−44·912	− 3	...	...
41					
...	−38·736	+23·657	− 2	...	...
...	38·071	−47·342	− 5	M	...
*	37·069	+41·600	1·00	45.10480	9·4
...	36·656	−51·684	− 2	...	...
...	36·122	−22·436	− 5	M	...
...	−35·921	+43·643	− 3	...	...
S *	35·901	+56·123	1·20	45.10481	9·0
*	35·221	−52·761	1·30	47.10047	9·2
...	34·766	+13·985	− 4	...	...
*	33·192	− 6·323	1·50	46.10595	8·8
51					
...	−32·193	+ 2·427	− 2	...	...
...	31·889	+ 6·941	− 5	...	...
...	31·436	−21·468	− 4	...	...
...	31·166	−38·020	− 5	M	...
...	30·777	− 9·080	− 2	...	...
S *	−29·902	−41·181	1·70	46.10596	8·8
S *	29·231	+ 8·172	1·00	46.10597	9·5
†	28·137	+ 4·950	− 5	...	...
...	27·768	+56·813	− 1	...	...
*	27·671	+56·621	1·00	45.10482	9·4

61–90					
61	′	′		°	
...	−26·395	+12·605	− 5	...	...
...	24·764	−17·670	− 3	...	...
...	24·477	−34·322	− 2	...	...
...	24·347	+51·773	− 3	...	...
*	22·472	+49·235	0·90	45.10483	8·8
*	−22·402	+49·343	1·10		
...	22·209	+38·793	− 4	M	...
...	21·476	−52·805	− 2	...	...
*	19·856	+51·226	1·00	45.10484	9·8
S *	18·904	+47·597	1·20	45.10485	9·0
71					
...	−18·742	+16·641	− 4	...	...
*	15·398	+30·384	1·80	45.10486	8·5
‡	15·147	+53·986	1·05	45.10487	9·2
...	14·568	+39·967	− 5	M	...
*	14·195	−36·688	1·20	46.10598	9·0
S *	−14·119	+19·248	1·65	45.10488	8·6
...	14·105	+42·322	0·70	...	...
...	13·689	−31·680	− 3	...	...
†	13·670	−54·937	0·85	...	...
*	11·741	−59·540	1·00	47.10053	9·8
81					
...	−11·667	−39·792	− 4	...	...
...	11·388	+50·141	− 4	...	...
...	10·616	−32·797	1·00	46.10599	10·2
*	10·526	+11·217	1·25	45.10490	9·4
...	10·498	−38·964	− 5	M	...
‡	−10·263	+38·961	0·90	...	...
...	8·581	+12·291	− 4	...	...
...	8·428	+ 0·332	− 4	M	...
...	7·337	−29·544	− 5	*m*	...
...	7·141	−19·564	0·90	46.10600	10·2

L measured from 1, 69, 125.
MC ,, ,, 39, 101, 164.

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
91–130					
91				°	
*	− 6·383	−38·713	1·20	46.10601	9·2
S *	6·309	−28·351	1·45	46.10602	8·6
...	3·889	+27·808	− 5	...	...
...	3·187	−29·553	− 5	...	...
...	2·900	−25·159	− 5	...	...
...	− 2·622	+ 6·900	− 5	...	...
...	2·620	−27·278	− 5	M	...
...	0·951	−20·818	− 5	...	...
*	0·607	−55·921	1·00	47.10057	10·0
†	− 0·235	+33·354	0·95	45.10491	10·2
101					
...	+ 0·690	+48·164	− 1	...	...
...	6·859	−30·967	− 4	M	...
†	6·973	+44·835	− 3	...	...
*	7·810	+37·723	0·85	45.10492	10·2
...	8·306	−16·415	− 3	...	...
*	+ 8·646	−32·779	1·20	46.10603	8·8
...	8·808	− 1·844	− 3	...	...
...	8·977	+29·079	− 5	*m*	...
...	11·902	−30·644	− 5	...	...
...	13·737	+25·649	− 5	...	...
111					
†	+14·721	+52·073	0·80	45.10494	10·2
...	14·885	+37·232	− 1	...	...
...	14·977	−17·421	− 4	...	...
...	15·184	−31·017	− 2	...	...
S *	15·208	+43·555	1·35	45.10495	8·8
...	+15·428	−40·715	− 4	...	...
...	15·818	−17·640	− 5	*m*	...
*	16·228	− 0·665	1·00	46.10604	10·2
...	16·773	+56·724	− 5	*m*	...
...	16·983	−18·081	0·80	46.10605	10·2
121					
...	+18·190	+30·706	0·65	...	...
...	18·393	+35·502	− 5	*m*	...
...	18·995	−44·169	− 4	...	...
...	19·659	+46·889	− 4	...	...
...	20·433	− 2·841	− 5	*m*	...
...	+20·924	+41·847	− 5	...	...
... [	20·984	+35·640	0·90	45.10498	9·8
...	21·024	+35·591	0·90		
*	21·041	+56·283	1·05	45.10497	9·4
S *	21·955	−40·137	3·00	46.10606	7·2

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
131–170					
131	′	′		°	
...	+22·199	−40·797	− 4	*m*	...
...	22·285	−13·492	− 5	...	...
...	22·307	− 3·338	− 5	*m*	...
...	23·757	−12·698	− 5	...	...
S ‡	23·805	−10·044	1·25	46.10607	8·8
...	+24·187	+44·262	− 4	...	...
†	24·315	−44·956	− 5	*m*	...
...	25·374	+32·507	− 4	...	...
...	25·578	−52·132	0·90	...	...
...	26·218	−22·153	− 4	...	...
141					
*	+26·370	+ 5·124	1·00	46.10608	10·2
*	26·376	−21·076	1·00	46.10609	10·0
...	28·041	−36·156	− 4	*m*	...
...	28·162	+26·072	− 4	...	...
...	29·002	+47·206	− 3	...	...
...	+30·241	+ 3·767	0·65	...	...
...	31·958	+30·207	0·90	...	...
...	34·078	+37·253	− 5	*m*	...
...	34·304	−40·933	0·75	...	...
...	34·892	−32·426	− 3	...	...
151					
...	+35·530	+38·943	− 4	*m*	...
...	35·827	+16·153	− 5	...	...
...	36·334	+14·719	− 4	...	...
...	37·525	−45·404	− 5	*m*	...
...	37·590	−38·140	− 5	*m*	...
...	+37·725	+11·238	− 4	...	...
...	38·270	+11·271	− 4	...	...
...	38·727	−43·605	− 2	...	...
...	38·812	+21·854	− 3	...	...
...	39·032	−19·422	− 2	...	...
161					
...	+39·100	+27·345	− 3	...	...
...	39·182	+32·132	− 1	...	...
...	39·372	−17·184	− 5	*m*	...
*	39·912	+ 9·367	1·00	45.10501	10·2
*	39·950	+15·108	0·90	45.10500	10·2
...	+40·239	+56·867	− 5	*m*	...
*	41·131	−41·367	1·60	46.10610	8·5
...	41·559	− 7·441	− 2	...	...
S *	42·155	+32·696	1·00	45.10502	9·8
...	42·777	+32·277	− 2	...	...

Notes.	Co-ordinates. x.	Co-ordinates. y.	Diam. −2.	C.P.D. No.	C.P.D. Mag.
171–210					
171	′	′		°	
...	+42·796	−25·052	− 4	*m*	...
...	45·231	+32·129	− 5	*m*	...
*	45·483	+58·944	1·00	45.10503	9·8
...	45·518	−39·446	− 2	...	...
...	45·851	−21·541	− 4	*m*	...
...	+46·347	−47·461	− 4	*m*	...
...	46·482	−50·764	− 2	...	...
...	47·326	+35·026	− 5	*m*	...
...	47·561	+30·796	− 1	...	...
...	48·577	+52·236	− 2	...	...
181					
...	+48·654	−27·343	− 5	*m*	...
...	49·263	+46·300	0·65	...	...
...	50·174	−51·649	− 1	...	...
S *	50·562	−19·525	1·25	46.10611	9·0
...	51·224	−38·600	− 3	*a*	...
...	+51·682	−55·907	− 4	...	...
...	51·709	−11·990	− 2	...	...
...	51·749	+18·736	− 3	...	...
...	52·251	+54·076	− 5	...	...
...	52·450	+30·246	− 5	*m*	...
191					
...	+52·577	+ 8·541	− 5	*m*	...
†	52·947	− 5·017	0·80	...	...
...	53·114	− 9·155	0·70	...	...
...	53·264	+40·281	− 1	...	...
...	53·457	− 6·212	0·75	46.10612	10·2
...	+53·951	−23·906	− 4	*m*	...
...	54·056	+14·599	− 4	...	...
...	54·549	+ 8·999	− 5	*m*	...
...	55·595	−37·911	0·75	46.10613	10·2
...	55·615	− 8·615	− 4	*m*	...
201					
...	+55·945	+11·793	− 4	...	...
...	57·031	+14·598	− 2	...	...
...	57·282	− 4·137	− 4	*m*	...
...	57·428	+38·715	− 4	...	...
...	57·504	+52·483	− 1	...	...
...	+57·717	−23·911	− 4	*m*	...
S *	58·146	+ 0·728	1·80	46.10614	8·2
...	58·304	−23·021	− 4	*m*	...
...	58·872	+48·768	− 3	...	...
...	58·919	+59·417	− 2	...	...

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